

Curriculum Committee Agenda

January 20, 2023 (8-8:50am)

		Presenter	Action
1.	Welcome and Introductions	Chair	
2.	Approval of Minutes	Chair	Approval
3.	Consent Agenda a. Course Number Changes b. Course Title Change c. Reviewed Outlines for Approval	Chair	Approval
4.	Course and Program Approvals		
	a. Common Course Numbering (CCN) Courses a. COMM-100Z, COMM-111Z, COMM-218Z, MTH-105Z, MTH-111Z, MTH-112Z, STAT-243Z, WR-121Z, WR-122Z, WR-227Z	Curriculum Office	Approval/23.SU
	 b. CCN Programs with Credit Changes a. AS, Geology, PSU, AS, Horticulture, OSU, Digital Media Communications AAS, EFA, Science, Technology, Engineering & Mathematics (STEM), EFA, Social Sciences, Human Services & Criminal Justice, Electronics Engineering Technology AAS, Electronics Engineering Technology CC, Entry Level Journalist CC, Horticulture AAS, Horticulture CC, Landscape Management AAS, Landscape Management AAS, Arboriculture Option, Music Performance & Technology AAS, Music Technology CC, Organic Farming CC, Part Time Welding CC, Video Production Technician CC c. CCN Programs without Credit Changes a. See agenda packet 	Curriculum Office	Approval/23.SU
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5.	a. Transition Team Update	Kerrie Hughes	Discussion
6.	New Business a. Computer Science Placement Exam	Bev Forney	Discussion
7.	Closing Comments a.		



Curriculum Committee Minutes

December 2, 2022 (8-9:30am)

Present: Hillary Abbott, Nora Brodnicki, Armetta Burney, Rick Carino, Elizabeth Carney, Amanda Coffey,

Megan Feagles (Recorder), Bev Forney, Sharron Furno, Sue Goff, Dawn Hendricks, Kerrie Hughes (Chair), Jason Kovac, Eric Lee, Kara Leonard, Laura Lundborg, Patricia McFarland, David Plotkin, Lisa Reynolds, Terrie Sanne, Charles Siegfried, Casey Sims, Tara Sprehe, Sarah Steidl, Dru

Urbassik, Helen Wand, Jim Wentworth-Plato (Alternate Chair)

Guests: Virginia Chambers, Dan LoFaro, John Phelps

Absent: ASG, Dustin Bare, George Burgess, Mike Mattson, Tracy Nelson, Andrea Vergun

1. Welcome & Introductions

2. Approval of Minutes

a. Approval of the November 18, 2022 minutes *Motion to approve, approved*

3. Consent Agenda

- a. Course Number Changes
- b. Course Title Change
- c. Reviewed Outlines for Approval

Motion to approve, approved

4. Course and Program Approvals

- a. Course Inactivations
 - i. SAR-103, 201, 202, 203
 - 1. Dan LoFaro presented
 - 2. These courses are no longer part of any program within the department (or the college as a whole) and have not been offered for guite some time.
 - 3. XSAR-C201, XSAR-C202, and SAR-102 are scheduled for inactivation in 2023 already.

Motion to approve, approved

b. Phlebotomy

Virginia Chambers presented

- i. **New Courses:** PHB-110, 112, 115, 125, 130
- ii. Created for the new Phlebotomy Certificate

Motion to approve, approved

- iii. New Program: Phlebotomy CC
 - 1. Inactivated the Clinical Lab/Phlebotomy program in the last few years, but industry feedback has indicated that there was a need for a Phlebotomy program.
 - 2. Is the program set up to be transferred to PCC?
 - Not yet. Focused right now internally on making this a pathway to Medical Assistant.
 - 3. What are the criteria for admission into the program?
 - a. Criminal background check, drug screen, required orientation and information
 - b. Planning to do a small cohort for the first year.

Motion to approve, approved

c. New Program: Part Time Welding Certificate

- i. John Phelps presented
- ii. 6-month program designed for part-time students.
- iii. Communicated with COMM-100 instructors who are willing to offer the course to fit into the part time welding schedule.
- iv. There was concern that the program title implies that the certificate leads to part-time welding jobs. It was suggested that the title could be Accelerated Welding Certificate.
 - 1. John will take that feedback to his department
- v. How is this different from Entry-Level Welder? This one includes training in all three welding processes. Entry-Level Welding only touches on two of the three.

d. AS Engineering Changes

Eric Lee presented

- i. Program Suspensions
 - 1. AS, Energy Systems Engineering, OSU
 - a. Lack of interest from students. Trying to reduce the many options in engineering to a more manageable number.
 - b. No students have completed this program in the last 8 or 9 years.

Motion to approve, approved

- 2. AS, Engineering, George Fox
 - a. Lack of interest from students. Trying to reduce the many options in engineering to a more manageable number.

Motion to approve, approved

- ii. Program Amendments
 - 1. AS, Biological Engineering, OSU
 - a. Change from 107 to 105-106. Remove MTH-253, Add Literature and the Arts electives.

Motion to approve, approved

- 2. AS, Civil Engineering, OSU
 - a. Change from 97 to 100-101. Remove ENGR-201. Add CS-161, Literature and the Arts electives

Motion to approve, approved

- 3. AS, Civil Engineering, PSU
 - Add note about optional Race and Ethnicity Electives. The courses are optional/recommended since this elective category is not yet required at Oregon State.
 - b. ES courses haven't been approved at CCC as Gen Ed yet.

No vote, not approved. Hold this amendment until those courses have been approved.

- 4. AS, Computer Engineering, PSU
 - a. Add note about optional Race and Ethnicity Electives.

No vote, not approved. Hold this amendment until those courses have been approved.

- 5. AS, Construction Engineering Management, OSU
 - a. Change from 91-93 to 95-97. Add CS-161

Motion to approve, approved

- 6. AS, Ecological Engineering, OSU
 - Remove BI-211, BI-212, BI-213, Western Culture Elective. Add CS-161, HPE-295, PHL-102, Cultural Diversity Elective, Difference, Power, and Discrimination Elective

Motion to approve, approved

- 7. AS, Electrical Engineering, PSU
 - a. Add note about optional Race and Ethnicity Electives.

No vote, not approved. Hold this amendment until those courses have been approved.

- 8. AS, Environmental Engineering, OSU
 - a. Change from 110 to 106-107. Remove CH-241, CH-242, CH-243. Add BI-204, Cultural Diversity Elective, Literature and the Arts Elective

Motion to approve, approved

- 9. AS, Environmental Engineering, PSU
 - a. Add note about optional Race and Ethnicity Electives.

No vote, not approved. Hold this amendment until those courses have been approved.

- 10. AS, Industrial/Manufacturing Engineering, OSU
 - a. Change from 92-93 to 99-100. Add CS-161, HPE-295

Motion to approve, approved

- 11. AS, Mechanical Engineering, OSU
 - a. Change from 96-97 to 100-101. Add CS-161

Motion to approve, approved

- 12. AS, Mechanical Engineering, PSU
 - a. Remove Arts & Letters or Social Science Elective. Add WR-122 or WR-227. Add note about optional Race and Ethnicity Electives.

No vote, not approved. Hold this amendment until those courses have been approved.

b. Has the department talked about adding FYE-101 as a requirement?

- Most of these programs are already at 100 credits so they are hesitant to increase any more. The Common Course Numbering work may allow for room to add FYE-101.
- ii. ENGR-111 contains some FYE elements. About 1/3 of the class focuses on student success.
- c. ES courses haven't been approved at CCC as Gen Ed yet.

iii. New Program

- 1. AS, Architectural Engineering, OSU
 - a. OSU added this program a few years back and there has been interest from CCC students.
 - b. No new courses needed.

Motion to approve, approved

5. Old Business

a. Reminder that there's a drop-in session on December 8th for the new Curriculum Management software.

6. New Business

a.

7. Closing Comments

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-Meeting Adjourned-

Next Meeting: January 20, 2023 (8-9:30am)



CONSENT AGENDA

January 20, 2023

1. Course Title Change

Course	Current Title	Proposed Title

2. Course Number Change

Course	Title	Proposed Course Number

3. Outlines Reviewed for Approval

Course	Title	Implementation
AB-101	Auto Restoration	2023/SP
ECE-150ES	Introducción a la educación infantil y los estudios familiares	2023/SP
ECE-240	Environments and Curriculum Planning	2023/SP
ECE-240ES	Ambientes y Planificación Curricular	2023/SP

Online Course/Outline Submission System		
✓ Show changes since last approval in red		
Section #1 General Course Information		
Department: AUWD		
Submitter		
First Name: Mark		
Last Name: House		
Phone: 6348		
Email: markh		
Course Prefix and Number: AB - 101		
# Credits: 3		
Contact hours		
Lecture (# of hours):		
Lec/lab (# of hours): 60		
Lab (# of hours):		
Total course hours: 60		

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Auto Restoration

Course Description:

Designed for students interested in auto body repair and painting their own vehicles. Includes dent removal, panel replacement, welding and painting. May be repeated for up to 12 credits.

Type of Course: Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 12

Is general education certification being sought at this time?

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A.E. D. W. D.
A-F or Pass/No Pass
A-F or Pass/No Pass Audit: Yes
Audit: Yes
Audit: Yes When do you plan to offer this course? ✓ Summer ✓ Fall ✓ Winter

Will this course appear in the college catalog?

No

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. demonstrate basic metal repair techniques;
- 2. demonstrate proper panel replacement procedures;
- 3. select proper welding processes and apply as determined by project;
- 4. develop and implement a refinishing plan;
- 5. customize a buffing/detailing plan pertinent to the applied finish.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Shop Orientation.
- 2. Shop Safety (taught in each section)
- 3. Tool Introduction, including, selection, safety and use.
- a. Hand tools.
- b. Power tools.
- c. Grinders.
- d. Jacks and stands.
- e. Hoists.
- f. Welding equipment.
- 4. Introduction to Metal Working.
- a. Dent removal.
- b. Part removal, replacement and alignment.
- d. Welding patches and holes.
- 5. Introduction to Plastic Filler.
- a. Preparation for application.
- b. Abrasives needed to form plastic.
- c. Mixing.
- d. Application.
- e. Finishing.
- 6. Introduction to Painting.
- a. Surface prep and paint removal.
- b. Spraying and gun use.
- c. Priming and sealing.
- d. Color application.
- e. Buffing.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

First term to be offered:

Next available term after approval

:

Online Course/Outline Submission System

Section #1 General Course Information

Department: EHCJ

Submitter

First Name: Dawn Last Name: Hendricks Phone: 6158

Email: dawn.hendricks

Course Prefix and Number: ECE - 150ES

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Introducción a la educación infantil y los estudios familiares

Course Description:

Este curso se enfoca en la historia de la educación infantil y los teóricos más importantes que han contribuido significativamente al campo. Se examinarán los tipos de programas que atienden a niños pequeños, desde el nacimiento hasta los 8 años, y sus familias. Se explorarán los estándares estatales y nacionales en educación infantil y estudios familiares.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
Yes
Name of degree(s) and/or certificate(s): A.A.S. in Early Childhood Education and Family Studies
Are there prerequisites to this course?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A-F or Pass/No Pass
Audit: No
When do you plan to offer this course?
√ Fall
Is this course equivalent to another?

Yes

If yes, they must have the same description and outcomes.

Course Number: ECE-150 Title: Introduction to ECE and Family Studies

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. explicar las teorías actuales y las investigaciones en curso sobre la atención y educación en la primera infancia;
- 2. describir el papel del juego en los programas de la primera infancia;
- 3. comparar los modelos de programas de aprendizaje en la primera infancia;
- 4. explicar la importancia de establecer vínculos con las familias que tengan en cuenta el contexto cultural;
- 5. identificar las técnicas de orientación adecuadas que se utilizan en entornos de atención y educación en la primera infancia;
- 6. describir el ciclo de observación, evaluación y educación y utilizarlo para planificar el plan de estudios para todos los niños pequeños;
- 7. aplicar el código de ética profesional para la atención y educación en la primera infancia a fin de resolver dilemas;
- 8. describir los personajes, activistas y eventos históricos más importantes que le dan forma a la educación en la primera infancia de la actualidad;
- 9. resumir el propósito de los estándares y las competencias de maestros de la Asociación Nacional para la Educación en la Primera Infancia (National Association for the Education of Young Children, NAEYC), las pautas de preparación para kindergarten y el aprendizaje temprano de Oregon y los estándares estatales básicos comunes; 10. inscribirse en el Registro Central de Antecedentes Penales (Central Background Registry, CBR) en oregonearlylearning.com.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Resumen del campo de la educación en la primera infancia.
- 2. Profesionalismo en la educación en la primera infancia.
- 3. Teorías y enfoques del programa.
- 4. Estándares estatales y federales para el aprendizaje en la primera infancia.
- 5. Desarrollo cerebral.
- 6. Desarrollo infantil y prácticas adecuadas para el desarrollo.
- 7. Diversidad y equidad en el campo de la educación en la primera infancia.
- 8. Observación y evaluación.
- 9. El valor del juego.
- 10. Entornos de aprendizaje en la primera infancia.
- 11. Conexión familiar.
- 12. Más allá de los comportamientos.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

First term to be offered:

Next available term after approval

:

Online Course/Outline Submission System

Section #1 General Course Information

Department: Education, Human Services & Criminal Justice

Submitter

First Name: Dawn Last Name: Hendricks Phone: 6158

Email: dawn.hendricks

Course Prefix and Number: ECE - 240

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Environments and Curriculum Planning

Course Description:

Focuses on an introduction of creating learning environments and curriculum for children from three years old through five years old in home or center-based programs. Course covers theories and relationships between physical and social space, activities, experiences, and materials. Students are introduced to the use of developmentally and culturally appropriate practices in planning and selecting environments and curriculum for young children.

Type of Course: Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

NO
Does this course map to any general education outcome(s)?
Yes
Check which General Education requirement:
✓ Writing ✓ Oral Communication
√ Social Science
Is this course part of an AAS or related certificate of completion?
Yes
Name of degree(s) and/or certificate(s): Early Childhood Education & Family Studies AAS
Are there prerequisites to this course?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact? Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes

When do you plan to offer this course?

√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

Yes

Course Number: ECE-240ES Title: Ambientes y Planificación Curricular

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. describe the theoretical perspectives and core research base related to facilitating positive, supportive relationships and interactions with young children and creating a caring community of learners when working with groups of children;
- 2. describe the theoretical perspectives and core research base about various teaching strategies used with young children:
- 3. use teaching practices that incorporate the various types and stages of play that support young children's development;
- 4. use teaching practices that support development of young children's executive function skills;
- 5. apply knowledge about age levels, abilities, developmental status, cultures and languages, and experiences of children in to make professional judgments about the use of materials, the organization of indoor and outdoor physical space and materials, and the management of daily schedules and routines;
- 6. describe how young children learn across core content areas and use this understanding of pedagogical content knowledge to make instructional decisions;
- 7. select or create curriculum that counters biases and stereotypes, fosters young children's interest in the content areas, and facilitates individual and group learning in preschool settings;
- 8. identify early learning standards relevant to the state and/or early learning setting.

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- **P** 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- **p** 1. Engage in ethical communication processes that accomplish goals.
- **P** 2. Respond to the needs of diverse audiences and contexts.
- p 3. Build and manage relationships.

MA: Mathematics Outcomes:

- 1. Use appropriate mathematics to solve problems.
- 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- **p** 1. Apply analytical skills to social phenomena in order to understand human behavior.
- **p** 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Outcomes Assessment Strategies:

✓ Projects

✓ Writing Assignments

✓ Presentations

√ Rubrics

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Major Topic Outline:

- 1. Bulding positive, supportive relationships with young children
- 2. The importance of play
- 3. Promoting executive function skills
- 4. Developmentally appropriate practice and curriculum
- 5. Developing a daily schedule
- 6. Arranging the physical environment
- 7. State standards and other early learning guidelines
- 8. Planning experiences that focus on literacy, mathematics, science, social studies and other content areas
- 9. Assessing curriculum implementation and environments
- 10. Developing planning forms
- 11. Cultural and linguistically responsive curriculum and environments
- 12. Individualization of the curriculum for all children
- 13. Engaging in reflective and intentional practice

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 Supports green services

Percent of course: 0%

First term to be offered:

Next available term after approval

:

Online Course/Outline Submission System

Show changes since last approval in red Print Edit Delete Back

Reject Publish

Section #1 General Course Information

Department: EHCJ

Submitter

First Name: Dawn
Last Name: Hendricks
Phone: 503-594-6158
Email: dawn.hendricks

Course Prefix and Number: ECE - 240ES

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Ambientes y Planificación Curricular

Course Description:

Se enfoca en una introducción a la creación de entornos de aprendizaje y planes de estudio para niños de tres a cinco años de edad en programas basados en hogares o centros. El curso cubre las teorías y las relaciones entre el espacio físico y social, las actividades, las experiencias y los materiales. Se enseña a los estudiantes el uso de prácticas adecuadas para el desarrollo y la cultura en la planificación y la selección de entornos y planes de estudio para niños pequeños.

Type of Course: Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?
No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
Yes
Name of degree(s) and/or certificate(s): A.A.S. in Early Childhood Education and Family Studies
Are there prerequisites to this course?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A-F or Pass/No Pass
Audit: No
When do you plan to offer this course?
√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

Yes

Course Number: ECE-240 Title: Environments and Curriculum Planning

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. describir las perspectivas teóricas y la base central de investigación relacionadas con facilitar relaciones e interacciones positivas y de apoyo con los niños pequeños y crear una comunidad de estudiantes atentos cuando se trabaja con grupos de niños;
- 2. describir las perspectivas teóricas y la base central de investigación sobre las diversas estrategias de educación que se utilizan con los niños pequeños;
- 3. usar prácticas educativas que incorporen diferentes tipos y etapas de juego que apoyen el desarrollo de los niños pequeños;
- 4. usar prácticas educativas que apoyen el desarrollo de las destrezas de funcionamiento ejecutivo de los niños pequeños;
- 5. aplicar el conocimiento sobre los niveles de edad, las habilidades, el estado del desarrollo, las culturas e idiomas y las experiencias de los niños para elaborar criterios profesionales sobre el uso de los materiales, la organización de los espacios físicos interiores y exteriores y los materiales y la gestión de los horarios y rutinas diarios;
- 6. describir cómo aprenden los niños pequeños en todas las áreas de contenido básico y usar esta comprensión del conocimiento de contenido pedagógico para tomar decisiones educativas;
- 7. seleccionar o crear un plan de estudios que contrarreste los prejuicios y estereotipos, fomente el interés de los niños pequeños en las áreas de contenido y facilite el aprendizaje individual y grupal en contextos preescolares;
- 8. identificar los estándares de aprendizaje en la primera infancia relevantes para el estado o los entornos de aprendizaje en la primera infancia.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Desarrollo de relaciones positivas y de apoyo con los niños pequeños.
- 2. La importancia del juego.
- 3. Promoción de destrezas de funcionamiento ejecutivo.
- 4. Prácticas y planes de estudio adecuados para el desarrollo.
- 5. Creación de un horario diario.
- 6. Disposición del entorno físico.
- 7. Estándares estatales y otras pautas para el aprendizaje en la primera infancia.
- 8. Planificación de experiencias que se enfoquen en la alfabetización, matemáticas, ciencias, estudios sociales y otras áreas de contenido.
- 9. Evaluación de la implementación del plan de estudios y los entornos.
- 10. Desarrollo de formularios de planificación.
- Planes de estudio y entornos que sean sensibles desde los puntos de vista lingüístico y cultural.
- 12. Individualización del plan de estudios para todos los niños.
- 13. Participación en prácticas reflexivas e intencionales.

Does the content of this class relate to job skills in any of the following areas:

2. Produce renewable energy
3. Prevent environmental degradation
4. Clean up natural environment
5. Supports green services
No

Percent of course: 0%

First term to be offered:

Next available term after approval

:



Common Course Numbering

January 20, 2023

Course Number	Title	Implementation
COMM-100Z	Introduction to Communication	2023/SU
COMM-111Z	Public Speaking	2023/SU
COMM-218Z	Interpersonal Communication	2023/SU
MTH-105Z	Math in Society	2023/SU
MTH-111Z	Precalculus I: Functions	2023/SU
MTH-112Z	Precalculus II: Trigonometry	2023/SU
STAT-243Z	Elementary Statistics I	2023/SU
WR-121Z	Composition I	2023/SU
WR-122Z	Composition II	2023/SU
WR-227Z	Technical Writing	2023/SU

CURRENT				PROPOSED			
CRSE	Title	Hours	Credits	CRSE	Title	Hours	Credits
COMM-100	Basic Speech Communication	33	3	COMM-100Z	Introduction to Communication	44	4
COMM-111	Public Speaking	44	4	COMM-111Z	Public Speaking	44	4
COMM-218	Interpersonal Communication	44	4	COMM-218Z	Interpersonal Communication	44	4
MTH-105	Math in Society	44	4	MTH-105Z	Math in Society	44	4
MTH-111	College Algebra	55	5	MTH-111Z	Precalculus I: Functions	44	4
MTH-112	Trigonometry and Pre-Calculus	55	5	MTH-112Z	Precalculus II: Trigonometry	44	4
MTH-243	Statistics I	44	4	STAT-243Z	Elementary Statistics I	44	4
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4

Online Course/Outline Submission System

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Section #1 General Course Information

Department: COTA

Submitter

First Name: Kerrie Last Name: Hughes Phone: 3155 Email: kerrieh

Course Prefix and Number: COMM - 100Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Introduction to Communication

Course Description:

COMM-100z is a survey course offering an overview of the communication discipline that emphasizes the development of best communication practices in different contexts.

Type of Course: Lower Division Collegiate

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes
Area: Human Relations
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?
√ Fall √ Winter √ Spring
Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. explain the ways communication is impacted by ethics, language, nonverbal behaviors, perception, culture, and contexts;
- 2. identify communication theories, perspectives, principles, and concepts;
- 3. explore different areas of communication to develop a broad base of skills and communicative tools when interacting with others;
- 4. articulate the importance of communication expertise in career development and civic engagement.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Elements of the Communication Process.
- 2. Influence of self-concept.
- 3. Influence of culture and co-culture.
- 4. Types of communication.
- 5. Basic presentation skills
- 6. Effective verbal and nonverbal communication.
- 7. The Perceptual Process
- 8. Listening strategies.
- 9. Creating and maintaining relationships.
- 10. Ethical communication.
- 11. Johari's windows—Awareness and Disclosure.
- 12. Communicating emotions.
- 13. Small group roles and rules.
- 14. Leadership styles.
- 15. Conflict response.
- 16. Computer-mediated communication (e-mail, social/professional networks, etc.).
- 17. Interviewing techniques for both informational and professional purposes.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

✓ OIT (Oregon Institute of Technology)✓ OSU (Oregon State University)✓ OSU-Cascade	✓ PSU (Portland State University)✓ UO (University of Oregon)
Identify comparable course(s) at OUS school(s)	
Comm-100 or Comm Lower Division Trans	sfer
How does it transfer? (Check all that apply)	
✓ general elective :	

Next available term after approval: 2023/SU

First term to be offered:

Online Course/Outline Submission System

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Section #1 General Course Information

Department: COTA

Submitter

First Name: Alice Last Name: Lewis Phone: 3156 Email: alicel

Course Prefix and Number: COMM - 111Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Public Speaking

Course Description:

COMM-111z emphasizes developing communication skills by examining and demonstrating how self-awareness, audience, content, and occasion influence the creation and delivery of speeches and presentations.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: WRD-098 or placement in WR-121Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?
✓ Summer ✓ Fall ✓ Winter

√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. develop messages for diverse audiences, purposes, and contexts;
- 2. identify and utilize skills to manage communication apprehension;
- 3. deliver and adapt speeches and/or presentations to live audiences;
- 4. evaluate public speeches, including their own, by identifying aspects of preparation, credibility, logic, and delivery.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Sender-Message-Channel-Receiver process.
- 2. Ethical speaking and listening practices.
- 3. Audience analysis and message adaption.
- 4. Topic selection.
- 5. Verbal and nonverbal delivery techniques.
- 6. Delivery of a variety of speech genres.
- 7. Visual aids.
- 8. Speech organization and outlining.
- 9. Research and use of credible library and/or internet sources.
- 10. Speaker anxiety.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 Supports green services

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

```
    ✓ EOU (Eastern Oregon University)
    ✓ PSU (Portland State University)
    ✓ OIT (Oregon Institute of Technology)
    ✓ SOU (Southern Oregon University)
    ✓ UO (University of Oregon)
    ✓ WOU (Western Oregon University)
```

Identify comparable course(s) at OUS school(s)

SPE111 at OIT Comm220 at PSU Comm111 at OSU Comm210 at WOU and SOU Counts as Arts and Letters at U of O

How does it transfer? (Check all that apply)

✓ required or support for major
 ✓ general education or distribution requirement
 ✓ general elective

First term to be offered:

Next available term after approval: 2023/SU

Online Course/Outline Submission System

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Section #1 General Course Information

Department: COTA

Submitter

First Name: Alice Last Name: Lewis Phone: 3156 Email: alicel

Course Prefix and Number: COMM - 218Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Interpersonal Communication

Course Description:

COMM-218z increases the knowledge and use of competent communication skills to better understand oneself, others, and the role of communication in interpersonal relationships.

Type of Course: Lower Division Collegiate

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

Yes

Check which General Education requirement: √ Arts and Letters √ Cultural Literacy Is this course part of an AAS or related certificate of completion? No Are there prerequisites to this course? No Are there corequisites to this course? No Are there any requirements or recommendations for students taken this course? Yes Recommendations: WRD-098 or placement in WR-121Z Requirements: Are there similar courses existing in other programs or disciplines at CCC? No Will this class use library resources? Yes Have you talked with a librarian regarding that impact? No Is there any other potential impact on another department? No Does this course belong on the Related Instruction list? Yes Area: Human Relations **GRADING METHOD:** A-F or Pass/No Pass **Audit: Yes**

When do you plan to offer this course?

√ Winter √ Spring
Is this course equivalent to another?
If yes, they must have the same description and outcomes.
No
Will this course appear in the college catalog?
Yes
Will this course appear in the schedule?
Yes

Student Learning Outcomes:

✓ Summer
✓ Fall

Upon successful completion of this course, students should be able to:

- 1. describe how culture, identity, perception, biases, and power influence the communication process;
- 2. recognize and analyze interpersonal communication concepts (e.g., ethics, verbal and nonverbal communication, listening, emotions, and conflict);
- 3. assess one's own interpersonal skills to become more competent in a variety of relational contexts;
- 4. apply foundational concepts and theories to interpersonal communication.

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- 1. Engage in ethical communication processes that accomplish goals.
- 2. Respond to the needs of diverse audiences and contexts.
- 3. Build and manage relationships.

MA: Mathematics Outcomes:

- 1. Use appropriate mathematics to solve problems.
- 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 3 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- 1. Apply analytical skills to social phenomena in order to understand human behavior.
- 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

CL: Cultural Literacy Outcome

 Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.

Outcomes Assessment Strategies:

√ General Examination
√ Projects

√ Writing Assignments

√ Presentations

√ Multiple Choice Test

✓ Criteria
✓ Rubrics

Major Topic Outline:

- 1. Communication Process Models
- 2. Listening
- 3. Self-concept
- 4. Perception
- 5. Cultural identities
- 6. Self disclosure
- 7. Conflict management and reduction
- 8. Communication competence
- 9. Non-verbal versus verbal communication
- 10. Relational development, maintenance, and breakdowns

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 Supports green services

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

```
√ PSU (Portland State University)

✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University)

√ OSU (Oregon State University)

√ UO (University of Oregon)

√ OSU-Cascade

                                           ✓ WOU (Western Oregon University)
Identify comparable course(s) at OUS school(s)
COMM218 Interpersonal Communication at PSU and OSU
COM112 Interpersonal Comm at WOU
COMM125 Interpersonal Comm at SOU
How does it transfer? (Check all that apply)

√ required or support for major

√ general education or distribution requirement

√ general elective

Provide evidence of transferability: (minimum one, more preferred)

√ Other. Please explain.

Verified transferability through listings on colleges' websites
First term to be offered:
```

Next available term after approval

: 2023/SU

Online Course/Outline Submission System

✓ Show changes since last approval in red Print

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Kelly
Last Name: Mercer
Phone: 6154
Email: kelly.mercer

Course Prefix and Number: MTH - 105Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Math in Society

Course Description:

An exploration of present-day applications of mathematics focused on developing numeracy. Major topics include quantitative reasoning and problem-solving strategies, probability and statistics, and financial mathematics; these topics are to be weighted approximately equally. This course emphasizes mathematical literacy and communication, relevant everyday applications, and the appropriate use of current technology.

Type of Course: Lower Division Collegiate

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Check which	General	Education	requireme	nt:
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Check which General Education requirement:
✓ Mathematics
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: MTH-095 or MTH-098 with a C or better, or placement in MTH-111Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations: WRD-098 or placement in WR-121Z
Requirements:
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes
Area: Computation

GRADING METHOD:

Addit. 165
When do you plan to offer this course?
√ Summer √ Fall √ Winter √ Spring
Is this course equivalent to another?
If yes, they must have the same description and outcomes.
No
Will this course appear in the college catalog?
Yes
Will this course appear in the schedule?
Yes

Upon successful completion of this course, students should be able to:

A-F or Pass/No Pass

Student Learning Outcomes:

Audit: Voc

- 1. employ mathematical reasoning skills when reading complex problems requiring quantitative or symbolic analysis and demonstrate versatility in the consideration and selection of solution strategies;
- 2. demonstrate proficiency in the use of mathematical symbols, techniques, and computation that contribute to the exploration of applications of mathematics;
- 3. use appropriate mathematical structures and processes to make decisions and solve problems in the contexts of logical reasoning, probability, data, statistics, and financial mathematics;
- 4. use appropriate representations and language to effectively communicate and interpret quantitative results and mathematical processes orally and in writing;
- 5. demonstrate mathematical habits of mind by determining the reasonableness and implications of mathematical methods, solutions, and approximations in context.

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- 1. Engage in ethical communication processes that accomplish goals.
- 2. Respond to the needs of diverse audiences and contexts.
- 3. Build and manage relationships.

MA: Mathematics Outcomes:

- **c** 1. Use appropriate mathematics to solve problems.
- **c** 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- 1. Apply analytical skills to social phenomena in order to understand human behavior.
- 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Outcomes Assessment Strategies:

√ General Examination √ Projects ✓ Writing Assignments

Major Topic Outline:

- 1. Proportional reasoning and percent
- 2. Tables, graphs, and Venn Diagrams
- 3. Linear and exponential growth
- 4. Measures of Average
- 5. Language of data collection
- 6. Displaying data
- 7. Using spreadsheets
- 8. Financial Math: budgeting, saving, and paying off debt
- 9. Probability
- 10. Weighted means and expected value
- 11. Logical and probabilistic fallacies
- 12. Language of logic
- 13. Arguments and conditional statements

Does the content of this class relate to job skills in any of the following areas:

1. Increased energy efficiency No 2. Produce renewable energy No 3. Prevent environmental degradation No 4. Clean up natural environment No 5. Supports green services No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

- √ EOU (Eastern Oregon University) √ PSU (Portland State University) ✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University) √ OSU (Oregon State University) √ UO (University of Oregon)
- ✓ WOU (Western Oregon University) √ OSU-Cascade

MTH-105
How does it transfer? (Check all that apply)
 ✓ general education or distribution requirement ✓ general elective :
Provide evidence of transferability: (minimum one, more preferred)

√ Other. Please explain.

Identify comparable course(s) at OUS school(s)

MTH105 is listed as a general education course for the AAOT, therefore it will transfer to all state universities in Oregon.

First term to be offered:

Next available term after approval

2023/SU

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Scot Last Name: Pruyn Phone: 6611 Email: scot.pruyn

Course Prefix and Number: MTH - 111Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Precalculus I: Functions

Course Description:

A course primarily designed for students preparing for trigonometry or calculus. This course focuses on functions and their properties, including polynomial, rational, exponential, logarithmic, piecewise-defined, and inverse functions. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Yes
Check which General Education requirement:
✓ Mathematics
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: MTH-095 with a C or better, or placement in MTH-111Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations: WRD-098 or placement in WR-121Z
Requirements:
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes

A-F or Pass/No Pass

Area: Computation

GRADING METHOD:

Audit: Yes

✓ Fall ✓ Winter ✓ Spring
Is this course equivalent to another?
If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

When do you plan to offer this course?

√ Summer

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. explore the concept of a function numerically, symbolically, verbally, and graphically and identify properties of functions both with and without technology;
- 2. analyze polynomial, rational, exponential, and logarithmic functions, as well as piecewise-defined functions, in both algebraic and graphical contexts, and solve equations involving these function types;
- 3. demonstrate algebraic and graphical competence in the use and application of functions including notation, evaluation, domain/range, algebraic operations & composition, inverses, transformations, symmetry, rate of change, extrema, intercepts, asymptotes, and other behavior;
- 4. use variables and functions to represent unknown quantities, create models, find solutions, and communicate an interpretation of the results;
- 5. determine the reasonableness and implications of mathematical methods, solutions, and approximations in context.

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- 1. Engage in ethical communication processes that accomplish goals.
- 2. Respond to the needs of diverse audiences and contexts.
- 3. Build and manage relationships.

MA: Mathematics Outcomes:

- **c** 1. Use appropriate mathematics to solve problems.
- **c** 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- 1. Apply analytical skills to social phenomena in order to understand human behavior.
- 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Outcomes Assessment Strategies:

√ General Examination

√ Writing Assignments

√ Rubrics

Major Topic Outline:

- 1. General properties of functions
- a. Domain and Range
- b. Average rate of change
- c. Piecewise functions
- d. Combination and composition
- e. Transformations of functions
- f. Inverse functions
- 2. Linear functions
- 3. Quadratic and polynomial functions
- 4. Rational functions
- 5. Exponential and logarithmic functions
- 6. Sequences and series

Does the content of this class relate to job skills in any of the following areas:

1. Increased energy efficiency No 2. Produce renewable energy No 3. Prevent environmental degradation No 4. Clean up natural environment No 5. Supports green services No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

- √ EOU (Eastern Oregon University) √ PSU (Portland State University) ✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University) √ OSU (Oregon State University) √ UO (University of Oregon)
- √ OSU-Cascade ✓ WOU (Western Oregon University)

Identify comparable course(s) at OUS school(s)

EOU: MATH 111

OIT: MATH 111 & MASC 000

SOU: MTH 111 UO: MATH 111 WOU: MTH 111 OSU: MTH 111 PSU: MTH 111

How does it transfer? (Check all that apply)

✓ required or support for major✓ general education or distribution requirement

Provide evidence of transferability: (minimum one, more preferred)

√ Other. Please explain.

Transfer tool websites

First term to be offered:

Next available term after approval : 2023/SU

Online Course/Outline Submission System

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Stefan Last Name: Baratto Phone: 3325 Email: sbaratto

Course Prefix and Number: MTH - 112Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Precalculus II: Trigonometry

Course Description:

A course primarily designed for students preparing for calculus and related disciplines. This course explores trigonometric functions and their applications as well as the language and measurement of angles, triangles, circles, and vectors. These topics will be explored symbolically, numerically, and graphically in real-life applications and interpreted in context. This course emphasizes skill building, problem solving, modeling, reasoning, communication, connections with other disciplines, and the appropriate use of present-day technology.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Yes
Check which General Education requirement:
✓ Mathematics
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: MTH-111Z with a C or better, or placement in MTH-112Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations: WRD-098 or placement in WR-121Z
Requirements:
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes

A-F or Pass/No Pass

Area: Computation

GRADING METHOD:

Audit: Yes

√ Fall √ Winter √ Spring
Is this course equivalent to another?
If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

When do you plan to offer this course?

√ Summer

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. translate among various systems of measure for angles including radians, degrees, and revolutions;
- 2. represent, manipulate, and evaluate trigonometric expressions in terms of sides of a right triangle and in terms of the coordinates of a unit circle;
- 3. graph, transform, and analyze trigonometric functions using amplitude, shifts, symmetry, and periodicity;
- 4. manipulate trigonometric expressions and prove trigonometric identities;
- 5. solve trigonometric equations using inverses, periodicity, and identities;
- 6. define, represent, and operate with vectors both geometrically and algebraically;
- 7. apply the law of sines and the law of cosines to determine lengths and angles;
- 8. use variables, trigonometric functions, and vectors to represent quantities, create models, find solutions, and communicate an interpretation of the results;
- 9. determine the reasonableness and implications of mathematical methods, solutions, and approximations in context.

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- 1. Engage in ethical communication processes that accomplish goals.
- 2. Respond to the needs of diverse audiences and contexts.
- 3. Build and manage relationships.

MA: Mathematics Outcomes:

- **c** 1. Use appropriate mathematics to solve problems.
- **c** 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- 1. Apply analytical skills to social phenomena in order to understand human behavior.
- 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Outcomes Assessment Strategies:

√ General Examination

✓ Other Assessment Tools: Homework

Major Topic Outline:

- 1. Angles and geometric applications.
- 2. Right-triangle trigonometry.
- 3. Unit-circle trigonometry.
- 4. Trigonometric identities.
- 5. Trigonometry with oblique triangles.
- 6. Polar coordinates and equations.
- 7. Parametric functions.
- 8. Vectors.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

```
✓ EOU (Eastern Oregon University) ✓ PSU (Portland State University)
✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University)
✓ OSU (Oregon State University) ✓ UO (University of Oregon)
✓ OSU-Cascade ✓ WOU (Western Oregon University)
```

Identify comparable course(s) at OUS school(s)

How does it transfer? (Check all that apply)
✓ required or support for major✓ general education or distribution requirement
:
Provide evidence of transferability: (minimum one, more preferred)

√ Other. Please explain.

Oregon state-based math standards (Oregon Math Chairs group).

First term to be offered:

Next available term after approval : 2023/SU

Online Course/Outline Submission System

✓ Show changes since last approval in red

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Carrie Last Name: Kyser Phone: 3328 Email: carriek

Course Prefix and Number: STAT - 243Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Elementary Statistics I

Course Description:

A first course in statistics focusing on the interpretation and communication of statistical concepts. Introduces exploratory data analysis, descriptive statistics, sampling methods and distributions, point and interval estimates, hypothesis tests for means and proportions, and elements of probability and correlation. Technology will be used when appropriate.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Yes
Check which General Education requirement:
✓ Mathematics
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: MTH-105Z or MTH-111Z with a C or better, or placement in STAT-243Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations: WRD-098 or placement in WR-121Z
Requirements:
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes

Audit: Yes

Area: Computation

A-F or Pass/No Pass

GRADING METHOD:

✓ Summer ✓ Fall ✓ Winter ✓ Spring
Is this course equivalent to another?
If yes, they must have the same description and outcomes.
No
Will this course appear in the college catalog?
Yes
Will this course appear in the schedule?
Yes
Student Learning Outcomes:
Upon successful completion of this course, students should be able to:
 critically read, interpret, report, and communicate the results of a statistical study along with evaluating assumptions potential for bias, scope, and limitations of statistical inference; classify study designs and variable types and identify methods of summary and analysis; produce and interpret summaries of numerical and categorical data as well as appropriate graphical and/or tabular representations;
a. identify patterns and striking deviations from patterns in data; b. identify associations between variables for bivariate data;
c. apply technology to calculate statistical summaries and produce graphical representations; 3. use the distribution of sample statistics to quantify uncertainty and apply the basic concepts of probability into statistical arguments;
 a. interpret point and interval estimates; 4. identify, conduct, and interpret appropriate parametric hypothesis tests; a. identify the appropriate test based on variable type;
a. identify the appropriate test based on variable type;

e. explain the distinction between statistical and practical significance and the potential for error in hypothesis test

When do you plan to offer this course?

conclusions;

f. apply technology to perform hypothesis tests calculations;5. assess relationships in quantitative bivariate data;

b. distinguish between correlation and causation within data;

c. apply technology to explore bivariate data.

a. address questions relating correlation as a linear association between variables;

AAOT/ASOT GENERAL EDUCATION OUTCOMES COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

- Mark "C" if this course completely addresses the outcome. Students who successfully complete this course are likely to have attained this learning outcome.
- Mark "S" if this course substantially addresses the outcome. More than one course is required for the outcome
 to be completely addressed. Students who successfully complete all of the required courses are likely to have
 attained this learning outcome.
- Mark "P" if this course partially addresses the outcome. Students will have been exposed to the outcome as
 part of the class, but the class is not a primary means for attaining the outcome and assessment for general
 education purposes may not be necessary.

As a result of completing the AAOT/ASOT general education requirements, students will be able to:

WR: Writing Outcomes

- 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- 2. Locate, evaluate, and ethically utilize information to communicate effectively.
- 3. Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

- 1. Engage in ethical communication processes that accomplish goals.
- 2. Respond to the needs of diverse audiences and contexts.
- 3. Build and manage relationships.

MA: Mathematics Outcomes:

- **c** 1. Use appropriate mathematics to solve problems.
- **c** 2. Recognize which mathematical concepts are applicable to a scenario, apply appropriate mathematics and technology in its analysis, and then accurately interpret, validate, and communicate the results.

AL: Arts and Letters Outcomes

- 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- 2. Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

SS: Social Science Outcomes

- 1. Apply analytical skills to social phenomena in order to understand human behavior.
- 2. Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

SC: Science or Computer Science Outcomes

- 1. Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.
- 2. Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.
- 3. Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

Outcomes Assessment Strategies:

✓ General Examination
 ✓ Projects
 ✓ Writing Assignments
 ✓ Portfolios
 ✓ Pre-Post Assessment

Major Topic Outline:

- 1. Numerical and categorical data
- 2. Representativeness, randomness, and design of studies
- 3. Summarizing data: shape, center, spread
- 4. Using graphs to describe data, including normal distributions
- 5. Making predictions
- a. Univariate and Bivariate Data
- b. Probability in one- and two-way tables
- c. Regression
- d. Correlation and Independence
- 6. Theoretical Distributions
- a. Developing models to compare our data to theoretical distributions
- b. Binomial distributions
- c. Normal distributions
- d. Simulations
- e. Informal inference
- 7. Drawing conclusions about a population from a sample
- a. Sample size
- b. Randomness
- c. Exploration of variability between samples through simulation
- d. Central Limit Theorem for numerical and categorical data
- e. Confidence Intervals

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

✓ EOU (Eastern Oregon University) √ PSU (Portland State University) ✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University) √ OSU (Oregon State University) √ UO (University of Oregon) √ OSU-Cascade √ WOU (Western Oregon University) Identify comparable course(s) at OUS school(s) All OUS will take Math 243, some require 244 for equivalency How does it transfer? (Check all that apply) √ required or support for major √ general education or distribution requirement √ general elective Provide evidence of transferability: (minimum one, more preferred) √ Other. Please explain. Equivalency guides on OUS institutions' websites

Next available term after approval

: 2023/SU

First term to be offered:

Online Course/Outline Submission System

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Section #1 General Course Information

Department: English

Submitter

First Name: David Last Name: Mount Phone: 3265 Email: davidmo

Course Prefix and Number: WR - 121Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Composition I

Course Description:

WR-121Z engages students in the study and practice of critical thinking, reading, and writing. The course focuses on analyzing and composing across varied rhetorical situations and in multiple genres. Students will apply key rhetorical concepts flexibly and collaboratively throughout their writing and inquiry processes.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
Yes
Name of degree(s) and/or certificate(s): Most of themtoo numerous to enter all of them
Are there prerequisites to this course?
Yes
Pre-reqs: WRD-098 or placement in WR-121Z
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact? Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes
Area: Communication
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?

- ✓ Summer ✓ Fall ✓ Winter ✓ Spring
- Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. apply rhetorical concepts through analyzing and composing a variety of texts;
- 2. engage texts critically, ethically, and strategically to support writing goals;
- 3. develop flexible composing, revising, and editing strategies for a variety of purposes, audiences, writing situations, and genres;
- 4. reflect on knowledge and skills developed in this course and their potential applications in other writing contexts.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Reading and responding to college-level texts: how to apply basic critical thinking skills to complex issues in texts and other forms of media. How to build responses to reading into original essay topics.
- 2. The writing process: how to use prewriting tools such as brainstorming and free writing to generate ideas. How to improve essays through revision and polishing.
- 3. Elements of academic essay writing, including organization, paragraph structure, sentence structure, and style, as well as some review of grammar, mechanics, and usage, as necessary.
- 4. The variety of academic audiences and disciplines: how to analyze and address their expectations.
- 5. Introduction to argumentation: how to recognize and analyze it in reading, and how to begin crafting it in writing.
- 6. Finding, evaluating, and using information: an introduction to the economic, social, and legal issues surrounding the use of information, and how to
- use advanced research techniques to locate information, formulate a problem statement, determine the type of information necessary to address it, and evaluate the information critically. How to integrate source materials and avoid plagiarism using MLA citation format.
- 7. Discussing ideas and critiquing others' writing in a constructive and respectful manner. Reflecting on one's own writing and learning.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

```
✓ EOU (Eastern Oregon University)
✓ OIT (Oregon Institute of Technology)
✓ SOU (Southern Oregon University)
✓ OSU (Oregon State University)
✓ UO (University of Oregon)
✓ WOU (Western Oregon University)

Identify comparable course(s) at OUS school(s)

WR 121 English Composition

How does it transfer? (Check all that apply)
```

now does it transfer? (Offeck all triat apply)

√ required or support for major

√ general education or distribution requirement

First term to be offered:

Next available term after approval: 2023/SU

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Section #1 General Course Information

Department: English

Submitter

First Name: Taylor Last Name: Donnelly 6159 Phone: Email: tdonnelly

Course Prefix and Number: WR - 122Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Composition II

Course Description:

WR-122Z builds on concepts and processes emphasized in WR-121Z, engaging with inquiry, research, and argumentation in support of students' development as writers. The course focuses on composing and revising in research-based genres through the intentional use of rhetorical strategies. Students will find, evaluate, and interpret complex material, including lived experience; use this to frame and pursue their own research questions; and integrate material purposefully into their own compositions.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: WR-121Z with a C or better
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact? Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes
Area: Communication
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?
✓ Summer ✓ Fall ✓ Winter

√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. apply rhetorical concepts to achieve writing goals within a given discourse community;
- 2. locate, critically evaluate, synthesize, and integrate multiple perspectives from a variety of sources;
- 3. engage in research and writing as recursive and inquiry-based processes, participating in the communal and conversational nature of academic discourses;
- 4. develop strategies for generating, drafting, revising, and editing texts based on feedback and reflection;
- 5. reflect on knowledge and skills developed in this and other courses and potential transfer to future contexts.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. reading, analyzing, discussing, and responding to argumentative essays by professional writers;
- 2. constructive and respectful discussions and writing groups,
- 3. structure and techniques of argumentation, including logical fallacies;
- 4. developing a position on an issue and drafting an argument, revising effectively;
- 5. formulating a research problem, advanced searching, evaluating information, using it ethically and integrating others' words and ideas into one's own writing;
- 6. controlling style and diction and editing effectively.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency	No
2. Produce renewable energy	No
3. Prevent environmental degradation	No
4. Clean up natural environment	No
5. Supports green services	No

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

```
✓ EOU (Eastern Oregon University)
✓ OIT (Oregon Institute of Technology)
✓ OSU (Oregon State University)
✓ UO (University of Oregon)
✓ WOU (Western Oregon University)
✓ WOU (Western Oregon University)
✓ required or support for major
✓ general education or distribution requirement
```

First term to be offered:

Next available term after approval: 2023/SU

Online Course/Outline Submission System

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Section #1 General Course Information

Department: English

Submitter

First Name: Jeff Last Name: McAlpine

3263 Phone: Email: jeffmc

Course Prefix and Number: WR - 227Z

Credits: 4

Contact hours

Lecture (# of hours): 44 Lec/lab (# of hours): Lab (# of hours):

Total course hours: 44

For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.

Course Title: Technical Writing

Course Description:

WR-227Z introduces students to producing instructive, informative, and persuasive technical/professional documents aimed at well-defined and achievable outcomes. The course focuses on presenting information using rhetorically appropriate style, design, vocabulary, structure, and visuals. Students can expect to gather, read, and analyze information and to learn a variety of strategies for producing accessible, usable, reader-centered deliverable documents that are clear, concise, and ethical.

Type of Course: Lower Division Collegiate

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: WR-121Z with a C or better
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
No
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
Yes
Have you talked with a librarian regarding that impact? Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
Yes
Area: Communication
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?
✓ Summer ✓ Fall ✓ Winter

√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. apply key rhetorical concepts through analyzing, designing, composing, and revising a variety of deliverable documents for technical/professional contexts;
- 2. engage in project-based research, applying appropriate methods of inquiry for clearly defined purposes (e.g., user experience research and client/organization research);
- 3. collaborate with various stakeholders to develop and apply flexible and effective strategies for managing projects;
- 4. develop and adapt document design and composition strategies to meet the demands of diverse clients, organizations, and multicultural audiences;
- 5. examine and respond to individual and professional ethical responsibilities across organizational contexts.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. The language and organization of basic documents:
- a. Technical Definition.
- b. Technical Description.
- c. User's Manual.
- 2. Short Reports:
- a. Abstract.
- b. Marketing Brochure.
- c. Lab Report.
- d. Field Report.
- e. Summary.
- f. Software Review.
- g. Advertising Flyer.
- h. Job Description.
- i. Job or Employee Evaluation.
- j. Company Evaluation.
- k. Journal Review.
- 3. Informal Reports:
- a. Memo.
- b. Proposal.
- c. Progress Report.
- 4. Formal Reports:
- a. Feasibility Study.
- b. Recommendation Report.
- c. Proposal.
- d. Journal Article.

- e. Empirical Research.
- f. Market Analysis.
- 5. Business Writing:
- a. Letter of Application.
- b. Letter of Resignation.
- c. Letter of Transmittal.
- d. Memo.
- e. Business Card.
- f. Resume.
- 7. Special Skills:
- a. Documentation: MLA or APA Format.
- b. Visuals and Page Design including the use of boldface, headings and subheadings, white space and bullet lists.
- c. Interviews.
- 8. Major Topics:
- a. The nature of technical writing.
- b. The importance of accuracy, brevity, and clarity.
- c. The processes of composing, revising, and editing.
- d. Research and documentation skills.
- e. Creativity amid technical format and objective language.
- f. The ethics of business, academic, and industrial writing.
- g. The value of visual aids including charts, graphs, tables, diagrams and others.
- h. Working and writing in a group.
- i. Generating a business or other professional portfolio.
- j. Oral communication skills.
- k. Assessing the receiving audience and its needs.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 Supports green services

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Which OUS schools will the course transfer to? (Check all that apply)

✓ EOU (Eastern Oregon University) ✓ PSU (Portland State University)
✓ OIT (Oregon Institute of Technology) ✓ SOU (Southern Oregon University)
✓ OSU (Oregon State University) ✓ UO (University of Oregon)
✓ OSU-Cascade ✓ WOU (Western Oregon University)

Identify comparable course(s) at OUS school(s)

How does it transfer? (Check all that apply)

- ✓ required or support for major✓ general education or distribution requirement
- √ general elective

First term to be offered:

Next available term after approval: 2023/SU



Program Amendments

January 20, 2023

Program	Implementation			
AS, Geology, PSU	2023/SU			
AS, Horticulture, OSU	2023/SU			
Digital Media Communications AAS	2023/SU			
EFA, Science, Technology, Engineering & Mathematics (STEM)	2023/SU			
EFA, Social Sciences, Human Services & Criminal Justice	2023/SU			
Electronics Engineering Technology AAS	2023/SU			
Electronics Engineering Technology CC	2023/SU			
Entry Level Journalist CC	2023/SU			
Horticulture AAS	2023/SU			
Horticulture CC	2023/SU			
Landscape Management AAS	2023/SU			
Landscape Management AAS, Arboriculture Option	2023/SU			
Music Performance & Technology AAS	2023/SU			
Music Technology CC	2023/SU			
Organic Farming CC	2023/SU			
Part Time Welding CC	2023/SU			
Video Production Technician CC	2023/SU			

Program ID	Program Title	Current Credits	Proposed Credits
AS.PSUGEOLOGY	AS, Geology, PSU	91-95	90-93
AS.OSUGENHORT	AS, Horticulture, OSU	93-97	91-95
AAS.DMC1	Digital Media Communications AAS	90	90-91
EFA.STEM	EFA, Science, Technology, Engineering & Mathematics (STEM)	13	12
EFA.SOCHUMSRVCJ	EFA, Social Sciences, Human Services & Criminal Justice	13-14	13
AAS.ELECTRONENGTECH	Electronics Engineering Technology AAS	97-103	95-101
CC.ELECTRONENGTECH	Electronics Engineering Technology CC	48	47
CC.ELVLJRNLST	Entry Level Journalist CC	44	44-45
AAS.HORT1	Horticulture AAS	95-101	96-101
CC.HORT	Horticulture CC	51-54	52-54
AAS.LANDSCAPEMGMT	Landscape Management AAS	95-98	96-98
AAS.LANDMGMTARBOR	Landscape Management AAS, Arboriculture Option	96-99	97-99
AAS.MUSICPERFTECH	Music Performance & Technology AAS	94-96	95-97
CC.MUSICTECH	Music Technology CC	51-54	52-54
CC.ORGANICFARM	Organic Farming CC	52-56	53-56
CC.PTWELDING	Part Time Welding CC	14	15
CC.VIDEOPRODTECH	Video Production Technician CC	36	36-37

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

College: Clackamas Communit	y College	е				Date			
	CAREER		DAITAL	1 4 5 1	- 4				
	CAREER	LEA							
☐ Ag, Food & Natural Resource Syste					ervic				
☐ Arts, Information & Communication	ns			_	Resou				
☐ Business & Management				lustri	al & E	ngineerin	g Systems		
	PROGRAI	M TN	IFORM	ΔΤΙ)N				
APPROVED	- ACCIONA		APPRO			ΔP	PROVED	Cui	rrent
Program Title			CIP C				nition Award		dits
J		(Incl	ude 7 th & 8 r OCCURS	S th digits	used				
			igit CIP	<u> 7</u> th	8 th				
				<u>digit</u>	<u>digit</u>				
AS Area of Emphasis Title:							ciate of		
Geology							ed Science of Emphasis	91-	95
AS.PSUGEOLOGY						Alca	or Emphasis		
Partnering Institution Name									
Portland State University									
Last amendment approved on 10/16/2020									
ТҮ	PE OF PF (CI		RAM A LL That Ap		DME	NT			
□ New Agreement	☐ Curri	culu	m Revi	sion		☐ Rev	<mark>/ision in Prog</mark>	ram (Credits
							/=		
						Propos	ed Total Credit	s:	90-93
CUCDENCION CD	Reason for S	Sucnano	cion:						
☐ SUSPENSION of Program	Neason Iol S	ωσμειίδ	ion.						
Suspension Effective Date:									

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULU	M 22-2.	3	PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
		Prog	ıram Requirer	ments – First \	Year				
Fall Term			-	_		_			
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4		
G-201	General Geology	66	4						
G-201L	General Geology Lab		0						
*MTH-095	Algebra III	44	4						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
Winter Term				_		_	=		
CS-120	Survey of Computing	55	4						
G-202	General Geology	66	4						
G-202L	General Geology Lab		0						
MTH-111	College Algebra	55	5	MTH- 111Z	Precalculus I: Functions	44	4		
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4		
Spring Term									
G-203	General Geology	66	4						
G-203L	General Geology Lab		0						
MTH-112	Trigonometry and Pre- Calculus	55	5	MTH- 112Z	Precalculus II: Trigonometry	44	4		
	General elective		3-4			1			
Summer Tern	า					=			
G-145 or G-148	Geology of the Pacific Northwest Or Volcanoes & Earthquakes	66	4						
		Progra	am Requireme	ents – Second	d Year				
Fall Term									
MTH-251	Calculus I	55	5						
PH-201	General Physics	77	5						
	Social Science General Education elective		4						
	General Elective ¹		3-4		General Elective ¹		4		
Winter Term									
CH-221	General Chemistry	77	5						
MTH-252	Calculus II	55	5						
	Social Science General Education elective		4						
	General Elective ²		3-4						
Spring Term									
CH-222	General Chemistry	77	5						
COMM-140	Introduction to Intercultural Communication	44	4						
MTH-243	Statistics I	44	4	STAT- 243Z	Elementary Statistics I	44	4		
	General elective (if summer term not taken)		3-4						
General Elect	,			•	•				
Seneral Elect	summer term not taken)	l or above		Any 2.4 cm	edit college-level course 100 lev	ol or shaw			

Any 3-4 credit college-level course 100 level or above.

*MTH-095: Take if not placed in MTH-111. MTH-095 does not count toward degree but is prerequisite for MTH-111.

General elective : CH-150 if needed to meet prerequisites for CH-221

General elective $^2\colon BI\text{-}165D$ recommended if summer courses not taken

Any 3-4 credit college-level course 100 level or above.

*MTH-095: Take if not placed in MTH-111Z. MTH-095 does not count toward degree but is prerequisite for MTH-111Z.

General elective : CH-150 if needed to meet prerequisites for CH-221

General elective²: BI-165D recommended if summer courses not taken

Recommended courses that would complement upprourses at Portland State University include: Math (MTH-253 or 256); World Languages (ASL, FR Geographic Information Systems (GIS)		Recommended courses that would complement upper division courses at Portland State University include: Math (MTH-253 or 256); World Languages (ASL, FR, GER, SPN); Geographic Information Systems (GIS)					
Social Science General Education electives		<u> </u>			-		
Any Social Science General Education course. Recommended: ANT-101 or ANT-102; GEO-100, GEO-130, or GEO-208; HST-137 or PS-297							
TOTAL CURRENT CREDITS:	91-95	TOTAL	PROPOSED CREDIT	S:		90-93	
College Contact			Telephone No.				
E-Mail Address			Fax No.			·	
Chief Academic Officer <i>or</i> CTE Dean Signature				Date			

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

College: Clackamas Communit	y College	e				Date			
	CAREER	LEA	RNING	ARI	EA				
☐ Ag, Food & Natural Resource Syste			☐ He	alth S	ervic	es			
☐ Arts, Information & Communication	ns		☐ Hu	man l	Resou	ırces			
☐ Business & Management			☐ Inc	dustri	al & E	ngineerin	g Systems		
	PROGRAI	M TN	IFORM	ΔΤΙ)N				
APPROVED			APPRO			AP	PROVED	Cu	rrent
Program Title			CIP C	ode			nition Award		edits
		(Incl	ude 7 th & 8 r OCCURS	S th digits reportin	used q.)				
			igit CIP	<u>Zth</u> digit	8 th digit				
AS Area of Emphasis Title:				uigit	uigit	Assoc	ciate of		
Horticulture							ed Science	93	-97
AS.OSUGENHORT							of Emphasis		
Partnering Institution Name									
Oregon State University									
Last amendment approved on 02.18.22									
	PE OF PE	ROG	RAM A	MEN	DME	NT			
	(C	heck A	LL That Ap	pply)					
□ New Agreement	☐ Curri	culu	m Revi	sion		☐ Rev	vision in Prog	ram	Credits
						Propos	ed Total Credit	s:	91-95
						Пороз	ed Total Cical	J.	91-93
☐ <i>SUSPENSION</i> of Program	Reason for S	Suspens	sion:						
Suspension Effective Date:					•				
	•								

		CURR	ICULUN	AMENDM						
C	CURRENT CURRICULUM	22-23		PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours	Credits			
		Progra	am Require	ments – First Y	′ear					
all Term										
CH-221	General Chemistry	77	5							
HOR-226*	Plant Identification/Fall	44	4							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
	Horticulture Production & Management electives		2-3							
Winter Term	Management electives									
CH-222	General Chemistry	77	5			l	I			
MTH-111	College Algebra	55	5	MTH-111Z	Precalculus I: Functions	44	4			
WR-122	English Composition	44	4	WR-122Z	Composition II	7-7	_			
Or	or		l '	Or	or					
WR-227	Technical Report Writing			WR-227Z	Technical Writing	44	4			
	Horticulture Production &		2-3							
2 · -	Management electives									
Spring Term	Canaval Chamiatry	77	T c		•	T	г —			
CH-223 HOR-112	General Chemistry Horticulture Career	77 24	5							
⊓UK-112	Exploration	Z4	2							
HOR-228*	Plant Identification/Spring	44	4							
HPE-295	Health & Fitness for Life	60	3			1				
	Horticulture Production &		2-3			1				
	Management electives									
		Progran	n Requirem	ents – Second	Year					
Fall Term		•	<u> </u>			_	•			
BI-211	General Biology for Science Majors (Cellular Biology)	77	5							
	Difference, Power, &		4							
	Discrimination electives		4							
	Literature and the Arts		3-4							
	electives									
Winter Term										
BI-212	General Biology for Science	77	5							
NATULAAG	Majors (Animal Biology)		_	NATIL 4407	D	4.4	4			
MTH-112	Trigonometry and Pre- Calculus	55	5	MTH-112Z	Precalculus II: Trigonometry	44	4			
	Cultural Diversity electives		4							
	Social Processes and		4							
	Institutions electives									
Spring Term		_	=							
BI-213	General Biology for Science	77	5							
	Majors (Plant Biology &									
COMM-111	Ecology) Public Speaking	44	4	COMM-						
or	or	44	4	111Z	Public Speaking					
COMM-218	Interpersonal Communication			Or	Or Interpersonal	44	4			
				COMM-	Communication					
1100 045		4.4	_	218Z	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
HOR-215	Herbaceous Perennials	44	3			1				
-	Western Culture electives		I 4							
Cultural Diver	•	44	4			I	ı			
	IIS Lating Literature		■ →		<u> </u>					
ENG-213	U.S. Latino Literature		1							
Cultural Divers ENG-213 GEO-110	Cultural & Human Geography	44	4							
ENG-213 GEO-110	Cultural & Human Geography Judaism and Foundations of		4							
ENG-213	Cultural & Human Geography	44	Ì							

Signature	iemic Office	er <i>or</i> CTE Dean					Date	
		or CTE Door				Fax No.	Data	
E-Mail Add						•		
College Co				JJ-31	IOIALP	Telephone No.		01-00
available pos selection.	st-transfer. Wo	rk with OSU advisor	for cours	93-97	TOTAL	ROPOSED CREDITS		91-95
with no more	than two cour	complete one courses in the same sub	ject. Oth	er options				
*HOR-227 m Horticulture a	ay be substitu	ted for HOR-226 or er possible substitut	HOR-228 ions	3. See				
Catalog Note								
HOR-246	Organic Far Gardening		44	2				
HOR-240	Irrigation Pr		44	3				
HOR-237	Disease Ide		20	2				
HOR-236	Insect Ident	•	20	2				
HOR-231	Irrigation De		44	3				
HOR-225	Arboricultur		33	3				
HOR-124 HOR-224	Food Harve Landscape		44	3	1			
HOR-123		Maintenance	44	3				
		lanagement Elective	_	T .		•		
PHL-102	Ethics		44	4				
ART-206	Through Co	rt/Enlightenment entemporary	44	4				
ART-205	Through Ba		44	4				
ART-204	History of A Through Me	edieval	44	4				
Western Cult	ture Electives*							
SOC-206		& Social Change	44	4				
PSY-200	Introduction Part 1	to Psychology:	44	4				
PS-205	Internationa		44					
PS-201	American G Politics	overnment and	44	4				
PHL-102	Ethics		44	4				
HST-103	-	/estern Civilization	44	-				
EC-201	Principles o MICRO	f Economics:	44	4				
Social Proce		tutions Electives**						1
MUS-105	Music Appre		33	3				
ENG-106	Poetry	to Literature:	44	4				
ENG-105	Drama		44	4				
ENG-104	Fiction	to Literature:	44	4				
ART-206	Through Co		44	4				
ART-205	Through Ba		44	4				
ART-204	Through Me History of A	edieval rt/Romanesque	44	4		+		
	History of A	rt/Ancient		T				
	d the Arts Elec			<u>.</u>				<u> </u>
SOC-225	Social Prob		44	4				
HST-202 HST-203		ne United States ne United States	44	4		+		
HST-201		ne United States	44	4				

Suspension Effective Date:

 and Workforce Development

 255 Capitol Street NE
 Phone: (503) 378-3600

 Salem, OR 97310-0203
 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231 College: **Clackamas Community College** Date CAREER LEARNING AREA □ Ag, Food & Natural Resource Systems □ Health Services **Arts, Information & Communications** □ Human Resources ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED APPROVED APPROVED** Current **Recognition Award Program Title** CIP Code **Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-digit CIP http://www.ode.state.or.us/search/results/?id=232) digit digit **AAS Title:** √ AAS **Digital Media Communications** 9.0702 (90-108 credits) 90 AAS.DMC1 **Option Title**** ☐ *OPTION* to AAS Degree □ Certificate of **Related Certificates: Completion** Entry Level Journalist Career Pathway Video Production Technician Career Pathway *Enter name of base degree in 'AAS Title' box LAST AMENDMENT APPROVED ON 10.15.21 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) □ New Program++ **□** Curriculum Revision **Revision in Program Credits** □ Title Change for Program **Proposed** Total Credits: 90-91 **Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:** Reason for Suspension: ☐ **SUSPENSION** of Program

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program. lis\i:\curriculum office\(02) curriculum committee\1-meetings\2022-23 meetings\2023-01-20\program changes\10_program amendments\ccn amendments with credit changes\amendment digital media communications aas.docx\09202005 (Revised 05/17/05)

Cl	URRENT CURRICULUM	22-23		PROPOSED CURRICULUM 23-24					
Course	Course Title	Hours	Credits	Course	Course Title	Hours	Credits		
	Asso	ociate of A	Applied Scie	ence Degree: 1	st Year	-	•		
Fall Term									
ART-115	Basic Design: 2- Dimensional Design	66	4						
ART-262	Digital Photography & Photo-Imaging	66	3						
DMC-100	Introduction to Media Arts	33	3						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
	PE/Health/Safety/Fir st Aid requirement		1						
Winter Term		_							
COMM-100 Or PSY-101	Basic Speech Communication or Human Relations	33	3	COMM- 100Z Or PSY-101	Introduction to Communication or Human Relations	33-44	3-4		
DMC-104	Digital Video Editing	66	4						
MTH-065 or MTH-050 or higher or CS-161	Algebra II or Technical Mathematics I or higher level math or Computer Science I	44	4	MTH-065 or MTH-050 or higher or CS-161	Algebra II or Technical Mathematics I or higher level Math or Statistics or Computer Science I	44	4		
	Digital Media Communications program electives		4						
Spring Term									
J-211 Or COMM-212	Mass Media & Society or Mass Media & Society	44	4						
	Focus Area courses Digital Media Communications		8						
	program electives								
	Digital Media Comm	nunication	s Associate	of Applied Sci	ence Degree: 2 nd Year				
Fall Term	Ta	Lac	I a			1	1		
MUS-247 Or DMC-247	Sound for Media Or Sound for Media	33	3						
	Focus Area courses		8-10						
	Digital Media Communications program electives		4						
Winter Term									

DMC-291	Digital Media				I	4	١ .
	Communications	66	3	1	l i	1	1
		1		1	l i	١ ١	Ţ
	Portfolio Project I	ļ	12.15		+	-	
Couing Tours	Focus Area courses		13-15				
Spring Term	· · · -						
BA-101	Introduction to Business	44	4				
DMC-280	Digital Media Communications/CWE	108	3		<u> </u>		
DMC-292	Digital Media	66	3				
	Communications	1		1		1	1
	Portfolio Project II					 l	
	Focus Area course		4				
Additional Course	es from Focus Area						
Complete all cour	rses from one of the following	ng Focus	Areas				
	& Computer Animation						
ART-131	Introduction to Drawing	66	4				
ART-225	Computer Graphics I	66	3				
ART-225	Computer Graphics II	66	3		†		
DMC-106	Animation & Motion	66	3	 	†	 	
	Graphics I				<u> </u>		
DMC-107	Animation & Motion Graphics II	66	3				
DMC-221	Introduction to 2D Animation: Design & Techniques	66	3				
DMC-222	Advanced 2D Animation:	66	3	 	+	 	
	Design & Techniques						
MUS-171	Sound Design	22	2				
WR-265	Digital Storytelling	44	4				
Journalism							
ART-120	Creativity/Ideation	22-33	2				
Or	Or	1		1		1	1
MUS-171	Sound Design						
ART-225	Computer Graphics I	66	3				
J-134	Photojournalism	44	4				
J-215	College Newspaper:	33	3				
	Writing & Photography				<u> </u>		
J-216	Writing for Media	44	4				
J-220	Pod, Broad and Social -	55-66	4				
Or	Journalism Across	1		1	1	1	Į
DMC-230	Platforms	1		1	1	1	Į
	Or	1		1		1	1
	Documentary Film	1		1	1	1	1
	Production	<u> </u>			4		
J-226	Introduction to College	44	4	1	1	1	1
	Newspaper: Design &	1		1		1	1
	Production						
WR-240	Creative Nonfiction	44	4	1		,	<u></u> ,
Or	Writing I	1		1	· i	1	1
WR-265	Or Digital Storytolling	1		1	1	1	Į
\/id = - D	Digital Storytelling						
Video Production	Cropbinds IT I	22.25	2				
ART-120	Creativity/Ideation	22-33	2	1		7 I	٦ ,

Chief Acade PTE Dean Si	mic Officer <i>or</i>					Date	
E-Mail Addr					Fax No.		
College Con					Telephone No.		
	ENT CREDITS:		90	TOTAL	PROPOSED CREDI	TS:	90-91
areas, from the ART, BA, COM	cted electives must be from one following list of prefixes: M, CS, DMC, EFA, ENG, FYE,		TA, or WR.				
DMC Program		liffore t	oubic et				
MUS-171	Sound Design	22	2				
MUS-170	Introduction to Scoring Music for Media	22	2				
MUS-147	Music, Sound & Moviemaking	11	1				
MUS-145	Introduction to Digital Sound, Video & Animation	33	3				
MUS-143	Introduction to Electronic Music II: Sequencing, Audio Looping, Sound EFX	33	3				
MUS-142	Introduction to Electronic Music I: MIDI	33	3				
MUS-141	Introduction to the Music Business	33	3				
MUS-108	Introduction to Audio Recording II	33	3				
MUS-107	Introduction to Audio Recording I	33	3				
MUS-106 Or MUS-149	Audio Recording at Home Or Advanced Pro Tools Editing Techniques	11	1				
MUS-101	Music Fundamentals	33	3				
Music & Sound DMC-242	Field Recording for Media	10	1		T		
Music 9 Carrel	Screenwriting						
WR-262	Introduction to	44	4				
ENG-194	Filmmaking Introduction to Film	44	4				
DMC-264 DMC-265	Digital Filmmaking Advanced Digital	66 66	4				
DMC-230	Documentary Film Production	66	4				
DMC-205	Directing for Film & Video	66	3				
DMC-106	Animation & Motion Graphics I	66	3				
MUS-171	Sound Design						
Or	Or						

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

	w.oue.stat	.e.or.us/	<u>Scar</u>	CII/ I C	<u> </u>	/ : IU					
College: Clackamas Communit	y College	Э					ate				
CAREER LEARNING AREA											
Ag, Food & Natural Resource System	ems		Hea	ilth S	ervic	es					
Arts, Information & Communication	ns				Resou						
☐ Business & Management			Ind	ustri	al & E	ngiı	neering Sy	stems			
PROGRAM INFORMATION											
<u>APPROVED</u>	<u>APPROVED</u>						<u>APPRO</u>		Curi		
Program Title		C] (Include	IP Co		aite	Re	ecognitio	n Award	Cre	dits	
		used	for O	CCURS							
(For Official Program Title, refer to your dire	ctorv at	6-digit (eporti	ng.) /th	8 th	_					
http://www.ode.state.or.us/search/results/?i		<u>o uigit c</u>	<u> </u>	<u>digit</u>	<u>digit</u>						
AAS Title:							Associate	_			
							Applied So				
Oution Title**							(AAS) Dec				
Option Title**							Degree	D AAS			
							D 09.00				
EFA, Science, Technology, Engir	neering,						EFA		13		
and Math (STEM)											
EFA.STEM											
TY	PE OF PF (Che	ROGRAI eck <mark>all</mark> T			DME	:NT					
□ New Program++	☐ Curri	<mark>culum R</mark>	Revis	sion		✓	Revisio	<mark>n in Prog</mark> i	ram C	redits	
☐ Title Change for Program	Proposed Total Credits: 1						12				
Proposed AAS Title:											
Proposed OPTION Title:											
Proposed Certificate Title:											
☐ SUSPENSION of Program	Reason for S	Suspension:									

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]										
CURRENT CURRICULUM 22-23 PROPOSED CURRICULUM 23-24											
Course	Title	Hours	Credits	Course Title Hours Credit							
EFA-101S	Introduction to STEM	22	2								
FYE-101	First Year Experience Level I	22	2								
MTH-111	College Algebra	55	5	MTH-111Z	Precalculus I: Functions	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4				

TOTAL PROPOSED CREDITS:

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer of PTE Dean Signature		Date	

13

TOTAL CURRENT CREDITS:

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

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This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

	nttp://ww	w.ode.stat	<u>.e.or.</u>	us/seal	CII/ FE	Suits	<u>/ ?10</u>	=231					
College:	Clackamas Communit	y College	9					ate					
		CAREER	LEA	EARNING AREA									
☐ Ag, Foo	d & Natural Resource Syste	ems		☐ He	alth S	ervic	es						
	formation & Communication	ns			man l								
☐ Busines	ss & Management			☐ Inc	dustri	al & E	ngi	neering Sy	stems				
PROGRAM INFORMATION										_			
	APPROVED			APPRO CIP C			_	<u>APPRO</u>		Curi			
	Program Title	m Title				igits	K	ecognitio	n Award	Cre	dits		
						S							
	cial Program Title, refer to your dire		6-d	report	<u>7</u> th	8 th							
http://ww	ww.ode.state.or.us/search/results/?i	<u>d=232</u>)			<u>digit</u>	<u>digit</u>							
AAS Title:								Associate					
								Applied So (AAS) Dec					
Option Tit	tle**							☐ OPTION to AAS					
_								Degree					
EFA, Soci	ial Sciences, Human Se	rvices						EFA		13-	14		
	al Justice												
EFA.SOCHUI	MSRVCJ												
	TY	PE OF PF		RAM A L That /		DME	ENT						
□ New P	rogram++						√	Revisio	n in Progi	ram C	redits		
	hange for Program	□ Curriculum Revision				F	Proposed To			13			
	Proposed AAS Title:												
	Proposed OPTION Title:												
Pr	roposed Certificate Title:												
	ENSION of Program	Reason for S	uspens	sion:									

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

(CURRENT CURRICULUM	22-23		PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
EFA-101J	Introduction to the Social Sciences, Human Services and Criminal Justice	22	2						
FYE-101	First Year Experience Level I	11	2						
LIB-101	Introduction to Library Research	11	1						
MTH-098 Or MTH-105 Or MTH-111	College Math Foundations Or Math in Society Or College Algebra	44-55	4-5	MTH-098 Or MTH-105Z Or MTH-111Z	College Math Foundations Or Math in Society Or Precalculus I: Functions	44	4		
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
TOTAL CURR	RENT CREDITS:	-	13-14	TOTAL PRO	OPOSED CREDITS:		13		

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature	or		Date	

255 Capitol Street NE Salem, OR 97310-0203 Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

College: Clackamas Communit	y College	y College								
	CAREER	ΙΕΛ	DNTN	2 ADI	ΕΛ					
☐ Ag, Food & Natural Resource Syste		LLA		alth S		A S				
☐ Arts, Information & Communication				man						
☐ Business & Management						Ingineering Sy	stems			
PROGRAM INFORMATION										
<u>APPROVED</u>			<u>APPR</u>			<u>APPRO</u>		Current		
Program Title (For Official Program Title, refer to your direction http://www.ode.state.or.us/search/results/?i		CIP (clude 7 th used for (report ligit CIP	& 8 th di OCCUR ing.)	8 th	Recognition	n Award	Credits			
AAS Title: Electronics Engineering Techno AAS.ELECTRONENGTECH		15.	0303	<u>digit</u>	<u>digit</u>	√ AAS (90-108 c	97-103			
Option Title**						☐ <i>OPTION</i> to Degree				
Related Certificates: Electronics Engineering Technology Certificate						☐ Certificate Completion				
**Enter name of base degree in 'AAS Title' box Last amendment approved on 12/6/19								_		
	PE OF PF (Che		RAM A		DME	NT				
☐ New Program++	□ Curri	culu	m Revi	sion		☐ Revisio	<mark>n in Prog</mark>	ram Credits		
☐ Title Change for Program						Proposed To	otal Credit	s: 95-101		
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
☐ SUSPENSION of Program	Reason for S	Reason for Suspension:								
Suspension Effective Date:										

	CURRENT CURRICULUM		orcte the Fi	PROPOSED CURRICULUM 23-24							
Course	Title	Hours	Credits		Title	Hours	Credits				
Course					Science Degree: 1st Year		Cicaics				
First Term	Licetionies Engineerin	9 1001110	1097 7.0000.	acc or repried	z ocieniec pegreen i rear						
EET-112	Electronic Equipment and Assembly I	22	1			T					
EET-137	Electrical Fundamentals I	88	4								
EET-139	Principles of Troubleshooting I	33	2								
EET-157	Digital Logic I	66	3								
SM-150	Semiconductor Processing I	22	2								
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4				
Second Term											
EET-113	Electronic Equipment and Assembly II	22	1								
EET-141	Electrical Fundamentals II	88	4								
EET-257	Digital Logic II	66	3								
IMT-120	Industrial Machinery I	66	3								
MTH-111	College Algebra	55	5	MTH- 111Z	Precalculus I: Functions	44	4				
Third Term						_					
EET-114	Electronic Equipment and Assembly III	22	1								
EET-142	Electrical Fundamentals III	88	4								
EET-254	Introduction to Microcontrollers	66	3								
IMT-223	Instrumentation & Controls	66	3								
MTH-112	Trigonometry and Pre- Calculus	55	5	MTH-112Z	Precalculus II: Trigonometry	44	4				
	Electronic Engineering	Technolo	ogy Associa	te of Applied	Science Degree: 2 nd Year						
Fourth Term											
EET-127	Semiconductor Circuits I	44	2								
EET-215	Technical Mechanics	66	3								
EET-239	Principles of Troubleshooting II	33	2								
MFG-107	Industrial Safety & First Aid	33	3								
HD-209	Job Search Skills	11	1								
-	Electronics Engineering Technology program electives		3-5								
Fifth Term											
CDT-103 Or CDT-108A OR CDT-223	Computer-Aided Drafting I Or Introduction to SolidWorks Or Inventor Fundamentals	66	3								

EET-225	Mechatronics I	44	2				
EET-227	Semiconductor Circuits II	66	3				
EET-233	Programmable Logic Controllers I	33	3				
MFG-209	Programming & Automation for Manufacturing	33	3				
-	Electronics Engineering Technology program electives		3-5				
Sixth Term		-	_				_
EET-234	Programmable Logic Controllers II	33	3				
EET-235	Mechatronics II	44	2				
EET-250	Linear Circuits	66	3				
SM-280	Electronics & Microelectronics/CWE	72	4				
	Human Relations requirement (recommended PSY-101)		3				
	Electronics Engineering Technology program electives		3-5				
	gineering Technology Program						
prefix not inclu program.	th a CDT, EET, MFG, MET, RE uded in the Electronics Engine gineering Technology Program	ering Tec	hnology	tivos			
CS-140	Introduction to Operating Systems	44	4	uves.		Т	
CS-161	Computer Science I	44	4				
MFG-140	Principles of Fluid Power	66	3				
MFG-219	Robotics	66	3				
MTH-251	Calculus I	55	5				
PH-211	General Physics with Calculus	77	5				
PH-212	General Physics with Calculus	77	5				
PH-213	General Physics with Calculus	77	5				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4
Catalog Notes							
who plan to tra accept PH-201	213 and MTH-251 are recommansfer to Oregon Tech. Oregon, 202, and 203. Students should be classes.	on Tech v	vill also				
Oregon Tech T	ransfer Courses						
Oregon Tech,	strial Technology Department, offers a number of transferab Electronics Engineering Tech	le classes	into				

For information contact the Industrial Technology Dep 503-594-3318.			
TOTAL CURRENT CREDITS:	97-103	TOTAL PROPOSED CREDITS:	95-101

College Contact	Mike Farr	Telephone No.	1689	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

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COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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	http://ww	w.ode.stat	te.or.	us/sear	ch/re	esults	<u>/?id</u>	<u>=231</u>			
College:	Clackamas Communi	ty College	е				D	ate			
		CAREER	LEA	RNING	ARI	EA					
☐ Ag, Foo	od & Natural Resource Syst	_	☐ Health Services								
Arts, Ir	nformation & Communication	ons		☐ Hu	man l	Resou	urces	5			
☐ Busines	ss & Management			☐ Inc	lustri	al & E	Engir	neering Sy	stems		
		PROGRA	M TN	IFODM	ATI) N					
	APPROVED	FROGRA	 	APPRO			Ī	APPRO	VFD	Curre	ont.
			CIP C		•	Re	ecognitio		Credi	_	
Program Title				clude 7 th	& 8 th d						
						S					
	(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)				<u>Zth</u> digit	8 th digit					
AAS Title:	1							Associate	of		\neg
	ics Engineering Techno	logy						Applied S			
AAS								(AAS) De	gree 		
Option Tit	tle**							OPTION to Degree	o AAS		
No Electroni CC.ELECTRO	e Title: <u>Within AAS Degree? </u> ics Engineering Technoon		15.	0303			V	CC1R Rel Certificat (45-60 cr	е	48	
	of base degree in 'AAS Title' box										
Last amendn	nent approved on 12/06/19	PE OF PI		DAM A	MEN	IDME	ENT				
				L That A		וייוטו	-141				
	rogram++	☐ Curri	culu	m Revi	sion			Revisio	<mark>n in Prog</mark> i	ram Cre	edits
☐ Title C	hange for Program						P	roposed T	otal Credit	s: 4	. 7
	Proposed AAS Title:										
	Proposed OPTION Title:										
Pi	roposed Certificate Title:										
	ENSION of Program	Reason for S	Suspens	sion:							
	Suspension Effective Date:										

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

Course Number First Term EET-112 EI A	Course Title Electronic Equipment and	Clock Hours		Course	ROPOSED CURRICULU	Clock	
EET-112 EI	Electronic Equipment and		Credits	Number	Course Title	Hours	Credits
A	lectronic Equipment and						
EET-137 E	ssembly I	22	1				
	lectrical Fundamentals I	88	4				
	rinciples of roubleshooting I	33	2				
EET-157 D	Digital Logic I	66	3				
SM-150 Se	Semiconductor Processing	22	2				
WR-121 E	inglish Composition	44	4	WR-121Z	Composition I	44	4
Second Term							
	lectronic Equipment and assembly II	22	1				
EET-141 EI	lectrical Fundamentals II	88	4				
EET-257 D	Digital Logic II	66	3				
IMT-120 Ir	ndustrial Machinery I	66	3				
MTH-111 C	College Algebra	55	5	MTH- 111Z	Precalculus I: Functions	44	4
Third Term							
	lectronic Equipment and assembly III	22	1				
EET-142 EI	lectrical Fundamentals III	88	4				
	ntroduction to 1icrocontrollers	66	3				
	nstrumentation & Controls	66	3				
	lectronics & licroelectronics/CWE	72	2				
re (ı	luman Relations equirement recommended PSY-101)		3				
Oregon Tech Tran	nsfer Courses						
Oregon Tech, offe Oregon Tech's Ele program.	al Technology Department, ers a number of transferable ectronics Engineering Techno ontact the Industrial Techno	e classes iology de	into gree				
TOTAL CURREN	/T CREDITS:		48	TOTAL PRO	OPOSED CREDITS:		47

College Contact	Mike F	· arrell	Telephone No.	1689	
E-Mail Address			Fax No.		
Chief Academic Office	er <i>or</i>			Date	
PTE Dean Signature					

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

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http://www.ode.state.or.us/search/results/?id=231 College: **Clackamas Community College** Date CAREER LEARNING AREA □ Ag, Food & Natural Resource Systems □ Health Services **Arts, Information & Communications** □ Human Resources ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED APPROVED APPROVED** Current **Recognition Award Program Title** CIP Code **Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-digit CIP http://www.ode.state.or.us/search/results/?id=232) digit digit AAS Title: ■ Associate of **Digital Media Communications AAS Applied Science** (AAS) Degree ☐ *OPTION* to AAS **Option Title**** Degree Certificate Title: <u>Within AAS Degree?</u> √ Yes** □ **√** Career Pathway (12-44)9.0702 44 **Entry Level Journalist – Career Pathway** CC.ELVLJRNLST *Enter name of base degree in 'AAS Title' box LAST AMENDMENT APPROVED ON 2/2/18 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) ■ New Program++ **Curriculum Revision Revision in Program Credits** Title Change for Program **Proposed** Total Credits: 44-45 **Proposed AAS Title: Proposed OPTION Title: Proposed** Certificate Title: Reason for Suspension: ☐ **SUSPENSION** of Program

	CURRENT CURRICULUM	<i>22-23</i>		PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
Fall Term									
DMC-100	Introduction to Media Arts	33	3						
DMC-104	Digital Video Editing	66	4						
J-220	Pod, Broad and Social - Journalism Across Platforms	55	4						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
Winter Term									
COMM-100 or PSY-101	Basic Speech Communication or Human Relations	33	3	COMM- 100Z or PSY-101	Introduction to Communication or Human Relations	33-44	3-4		
DMC-230	Documentary Film Production	66	4						
J-215	College Newspaper: Writing & Photography	33	3						
J-216	Writing for Media	44	4						
Spring Term									
DMC-291	Digital Media Communications Portfolio Project I	66	3						
J-134	Photojournalism	44	4						
J-211	Mass Media & Society	44	4						
J-226	Introduction to College Newspaper: Design & Production	44	4						
TOTAL CUR	RENT CREDITS:		44	TOTAL PR	OPOSED CREDITS:		44-45		

College Contact	Kelly \	Vhite	Telephone No.	3034	
E-Mail Address			Fax No.		
Chief Academic Office	er <i>or</i>			Date	
PTE Dean Signature					

Phone: (503) 378-3600

FAX: (503) 378-5156

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(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

College: Clackamas Communit	ollege: Clackamas Community College							
	CAREER L	EARNTN	G ARI	EΑ				
☐ Ag, Food & Natural Resource Syste			ealth S		es			
☐ Arts, Information & Communication		☐ Human Resources						
☐ Business & Management	☐ In	dustri	al & E	ngineering Sy	stems			
	PROGRAM	INFORM	1ATI(N				
<u>APPROVED</u>		<u>APPR</u>			<u>APPRO</u>		Curren	
Program Title	CIP (Include 7 th			Recognition	n Award	Credit	:s	
	used for							
(For Official Program Title, refer to your direct	repor 6-digit CIP	ting.)	8 th	_				
http://www.ode.state.or.us/search/results/?i	<u>0-uigit CIP</u>	<u>digit</u>	<u>digit</u>					
AAS Title:				√ AAS				
Horticulture		1.0601			(90-108 d	redits)	95-10	1
AAS.HORT1					_			
Option Title**					☐ <i>OPTION</i> to Degree	o AAS		
					Degree			
Related Certificates:					☐ Certificate			
Horticulture Certificate					Completion	on		
Irrigation Technician CP								
Plant Health Management CP **Enter name of base degree in 'AAS Title' box								
AST AMENDMENT APPROVED ON 5/7/21								
	PE OF PR	OGRAM A	MEN	DME	NT			
		k ALL That						
□ New Program++	Curric	ulum Rev	ision			<mark>n in Prog</mark>		
☐ Title Change for Program					Proposed To	otal Credit	s: 96	<mark>-101</mark>
Proposed AAS Title:								
Proposed OPTION Title:								
Proposed Certificate Title:								
☐ <i>SUSPENSION</i> of Program	Reason for Sus	spension:						
Suspension Effective Date:	Ī							

C	URRENT CURRICULUM 2		. Sto the FIC	PROPOSED CURRICULUM 23-24				
Course	Title	Hours	Credits		Title	Hours	Credits	
OSU Transfer Co		1100.0	0.00.00			110010	0.00.00	
HOR-112	Horticulture Career Exploration	24	2					
HOR-215	Herbaceous Perennials	44	3					
HOR-226	Plant Identification/Fall	44	4					
HOR-228	Plant Identification/Spring	44	4					
	he horticulture courses will also te (LDC) credits.	o transfer	as Lower					
Fall Term1	Horticulture	Associat	e of Applie	d Science Deg	gree: 1 st Year			
HOR-111	Horticulture Practicum/Fall	44	2	I				
HOR-115	Horticulture Safety	10	1					
HOR-223	Applied Plant Science	44	4					
HOR-226	Plant Identification/Fall	44	4					
MTH-050 or MTH-065 or higher level math	Technical Mathematics I or Algebra II or higher level math	44	4-5	MTH-050 or MTH-065 or higher level math	Technical Mathematics I or Algebra II or higher level Math or Statistics	44	4-5	
Winter Term2			<u> </u>					
FYE-101	First Year Experience Level I	22	2					
HOR-133	Horticulture Practicum/Winter	44	2					
HOR-216	Integrated Pest Management	33	3					
HOR-222	Horticultural Computer Applications	20	2					
HOR-227	Plant Identification/Winter	44	4					
HOR-230	Equipment Operation & Maintenance	44	2					
Spring Term3		_						
HOR-112	Horticulture Career Exploration	24	2					
HOR-120	Pesticide Laws & Safety	12	1					
HOR-140	Soils	33	3					
HOR-143	Horticulture Practicum/Spring	44	2					
HOR-228	Plant Identification/Spring	44	4					
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4	
Summer Term4								
HOR-281	Horticulture/CWE	180	6					
Or HOR-280	or Horticulture/CWE							

and	and						
HOR-282	Horticulture/CWE						
	Horticultur	e Associa	te of Appl	ied Science De	gree: 2 nd Year		
Fall Term5							
BA-285 Or COMM-100	Human Relations in Business or Basic Speech Communication	33- 44	3-4	BA-285 Or COMM- 100Z	Human Relations in Business or Introduction to Communication	44	4
HOR-235 Or HOR-236	Weed Identification or Insect Identification	20	2				
SPN-101	First-Year Spanish I	44	4				
	Horticulture program electives		3				
	Production and Management Focus Area		2-3				
Winter Term6	T		T .				
BA-101 BA-119	Introduction to Business Project Management Practices	22	2				
HOR-231	Irrigation Design	44	3				
HOR-237	Disease Identification	20	2				
	Horticulture program electives		3				
	Production and Management Focus Area		3				
Spring Term7		-	_				
HOR-240	Irrigation Practices	44	3	_			
	Horticulture program electives		8				
	Production and Management Focus Area		2-4				
Take any 3 class Courses are list	Management Focus Area sses from this list. red in FA, WI, SP order						
Arboriculture	I - 15 11 1	1.66	T a			<u> </u>	
HOR-262	Treework Practicum I	66	3				
HOR-131 HOR-261	Tree & Shrub Pruning Tree Diagnostics	44 44	2		+	+	
Greenhouse/Nu		- - - 	1 4				
HOR-130	Plant Propagation Techniques	33	3	T			
HOR-122	Greenhouse I	44	3		<u> </u>		
HOR-142	Greenhouse II	44	3				
Landscape							
HOR-224	Landscape Installation	44	3				
HOR-131	Tree & Shrub Pruning	44	3				
HOR-123	Landscape Maintenance	44	3				
Organic Farmin	-,				•		
HOR-113	Organic Farming Practicum/Fall	55	3				

HOR-136	Organic Farming Practicum/Winter	55	3			
HOR-141	Organic Farming Practicum/Spring	88	4			
Horticulture Pro	· ' · ·		•	•		
Take 14 credits	from this list					
Summer		-			_	
HOR-146	Fruit & Berry Growing	44	3			
HOR-211	Native Plant Identification	10	1			
HOR-284	Organic Farming Practicum/Summer	108	3			
Fall						_
HOR-113	Organic Farming Practicum/Fall	55	3			
HOR-124	Food Harvest	44	3			
HOR-130	Plant Propagation Techniques	33	3			
HOR-224	Landscape Installation	44	3			
HOR-225	Arboriculture I	33	3			
HOR-235	Weed Identification	20	2			
HOR-236	Insect Identification	20	2			
HOR-252	Kitchen Herbs	20	1			
HOR-262	Treework Practicum I	66	2			
Winter			•	•		
HOR-122	Greenhouse I	44	3			
HOR-131	Tree & Shrub Pruning	44	3			
HOR-136	Organic Farming Practicum/Winter	55	3			
HOR-229	Introduction to Landscape Design	44	3			
HOR-239	Tree Climber Training	24	1			
HOR-251	Herbal Products	20	1			
HOR-260	Arboriculture II	33	3			
HOR-290	Special Topics in Horticulture	66	3			
Spring						
HOR-123	Landscape Maintenance	44	3			
HOR-126*	Landscape Water Features	20	1			
HOR-127*	Landscape Lighting	20	1			
HOR-128*	Landscape Stones & Pavers	20	1			
HOR-129*	Landscape Decks & Fences	20	1			
HOR-135	Propagation of Edible Plants	44	3			
HOR-141	Organic Farming Practicum/Spring	88	4			
HOR-142	Greenhouse II	44	3	ĺ	Ī	
HOR-215	Herbaceous Perennials	44	3	1		
HOR-234*	Advanced Landscape Design	44	3			

Chief Acade PTE Dean S	emic Officer <i>or</i> ignature				Date		
College Cor	April Chastain			Telephone No.	3055		
TOTAL CURR	RENT CREDITS:		95-101	TOTAL <i>PROPOSED</i> CREE	OITS:		96-101
*Offered Alter	nate Years					·	
WET-109	Backflow Assembly Operation and Testing	66	4				
HOR-281 Or HOR-280 And HOR-282	Horticulture/CWE or Horticulture/CWE And Horticulture/CWE	180	6				
BA-223	Principles of Marketing	44	4				
Multiple Terms		דד					
HOR-250	Herb Growing and Gardening Tree Diagnostics	20 44	2				
HOR-246	Organic Farming and Gardening	44	2				
HOR-244*	Ecological Landscape Design	44	3				

 and Workforce Development

 255 Capitol Street NE
 Phone: (503) 378-3600

 Salem, OR 97310-0203
 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions forms handouts and other useful resources are located at

Current instructions, forms, handouts and other useful resources are located at http://www.ode.state.or.us/search/results/?id=231

	itcp://ww	w.oue.sta	<u>.e.or.</u>	us, scar	CII/ IC	isults	/ : IU = 231			
College:	Clackamas Communit	y Colleg	е				Date			
		CAREER	LEA	RNING	ARI	EA				
	d & Natural Resource Syste					ervic				_
	☐ Arts, Information & Communications					Resou		_		4
☐ Busines	ss & Management				lustri	al & E	ingineering Sy	stems		_
PROGRAM INFORMATION										
	APPROVED			APPRO			APPRO	VED	Current	
	Program Title			CIP C	ode		Recognition		Credits	
				clude 7 th a						
/5 O.S.				report	ing.)		_			
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)				igit CIP	<u>Zth</u> digit	<u>8th</u> digit				
AAS Title:						31.5/12	☐ Associate	of		7
Horticulture AAS							Applied S			
							(AAS) De			_
Option Tit	le**						□ OPTION t	o AAS		
							Degree			
Certificate	e Title: <u>Within</u> AAS Degree? √ Y	es** □					√ CC1R Rela	ated		
No			1.0	601			Certificate	=	51-54	
Horticulti CC.HORT	ure						(45-60 cr	edits)		
	of base degree in 'AAS Title' box									
	ENT APPROVED ON 01/29/21									
	TY	PE OF PI (Che		RAM A L That A		DME	NT			
☐ New Pr	rogram++			m Revi			✓ Revisio	n in Progi	ram Credi	its
	hange for Program						Proposed To			
	Proposed AAS Title:									
	Proposed OPTION Title:									
Pro	oposed Certificate Title:									
	ENSION of Program	Reason for S	Suspens	sion:						
S	Suspension Effective Date:									

(CURRENT CURRICULUM 2				ROPOSED CURRICULUI	M 23-24	!
Course	Title	Hours	Credits	Course	Title	Hours	
Fall Term		1100.0	0.00.00				0.00.00
HOR-111	Horticulture Practicum/Fall	44	2				
HOR-115	Horticulture Safety	10	1				
HOR-223	Applied Plant Science	44	4				
HOR-226	Plant Identification/Fall	44	4				
MTH-050	Technical Mathematics	44	4-5	MTH-050	Technical Mathematics	44	4-5
Or MTH-065 or higher level math	I or Algebra II or higher level math			Or MTH-065 or higher level math	I or Algebra II or higher level Math or Statistics		
Winter Term			_				
FYE-101	First Year Experience Level I	22	2				
HOR-133	Horticulture Practicum/Winter	44	2				
HOR-216	Integrated Pest Management	33	3				
HOR-222	Horticultural Computer Applications	20	2				
HOR-227	Plant Identification/Winter	44	4				
HOR-230	Equipment Operation & Maintenance	44	2				
Spring Term							
BA-285 Or COMM-100	Human Relations in Business or Basic Speech Communication	33- 44	3-4	BA-285 Or COMM- 100Z	Human Relations in Business or Introduction to Communication	44	4
HOR-112	Horticulture Career Exploration	24	2				
HOR-120	Pesticide Laws & Safety	12	1				
HOR-140	Soils	33	3				
HOR-143	Horticulture Practicum/Spring	44	2				
HOR-228	Plant Identification/Spring	44	4				
Summer Term							
HOR-280	Horticulture/CWE	90	3				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
TOTAL CURR	ENT CREDITS:		51-54	TOTAL PR	OPOSED CREDITS:		52-54

College Contact	April C	Chastain	Telephone No.	3055	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

College: Clackamas Community College					Date		
	CAREER L	FARNING	ΔRF	-Δ			
☐ Ag, Food & Natural Resource Systems ☐ Health Services							
☐ Arts, Information & Communication	☐ Human Resources						
☐ Business & Management		☐ Industrial & Engineering Systems					
PROGRAM INFORMATION							
<u>APPROVED</u>		<u>APPROVED</u>			<u>APPROVED</u>		Current
Program Title		CIP Code			Recognition Award		Credits
		(Include 7 th & 8 th digits used for OCCURS					
/For Official Program Title refer to your directors of		reporting.)					
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)		6-digit CIP	<u>7</u> th diait	<u>8th</u> diait			
AAS Title:					√ AAS		
Landscape Management		1.0605			(90-108 c	redits)	95-98
AAS.LANDSCAPEMGMT							
Option Title**					□ <i>OPTION</i> t	o AAS	
Arboriculture					Degree		
Related Certificates:					☐ Certificate	e of	
Landscape Practices Certificate					Completio	n	
**Enter name of base degree in 'AAS Title' box	<u> </u>						
AST AMENDMENT APPROVED ON 05.21.21							
TYPE OF PROGRAM AMENDMENT (Check ALL That Apply)							
☐ New Program++	☐ Curriculum Revision			✓ Revision in Program Credits			
☐ Title Change for Program				Proposed Total Credits: 96-98			
Proposed AAS Title:							
Proposed OPTION Title:							
Proposed Certificate Title:							
☐ SUSPENSION of Program	Reason for Suspension:						
Suspension Effective Date:							

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

		roposed Curriculum section only.]					
	URRENT CURRICULUM 2		-		ROPOSED CURRICULUI		
Course	Title	Hours	Credits	Course	Title	Hours	Credits
OSU Transfer Co		_				_	
HOR-112	Horticulture Career Exploration	24	2				
HOR-215	Herbaceous Perennials	44	3				
HOR-226	Plant Identification/Fall	44	4				
HOR-228	Plant Identification/Spring	44	4				
	ne horticulture courses will also te (LDC) credits.	o transfer	as Lower				
	Landscape Manag	gement As	ssociate of	Applied Scien	ce Degree: 1 st Year		
Fall Term1							
HOR-111	Horticulture Practicum/Fall	44	2				
HOR-115	Horticulture Safety	10	1				
HOR-223	Applied Plant Science	44	4				
HOR-226	Plant Identification/Fall	44	4				
MTH-050	Technical Mathematics	44	4-5	MTH-050	Technical Mathematics	44	4-5
Or	I			Or	I		
MTH-065	or			MTH-065	or		
or higher	Algebra II			or higher	Algebra II		
level math	or higher level math			level math	or higher level Math or Statistics		
Winter Term2				mach	Statistics		
FYE-101	First Year Experience Level	22	2		I	ı	
112 101	I	22	_				
HOR-131	Tree & Shrub Pruning	44	3				
HOR-133	Horticulture Practicum/Winter	44	2				
HOR-216	Integrated Pest Management	33	3				
HOR-222	Horticultural Computer Applications	20	2				
HOR-227	Plant Identification/Winter	44	4				
Spring Term3							
BA-285 Or COMM-100	Human Relations in Business or Basic Speech Communication	33- 44	3-4	BA-285 Or COMM- 100Z	Human Relations in Business or Introduction to Communication	44	4
HOR-120	Pesticide Laws & Safety	12	1				
HOR-140	Soils	33	3				
HOR-143	Horticulture Practicum/Spring	44	2				
HOR-215	Herbaceous Perennials	44	3				
HOR-228	Plant Identification/Spring	44	4				
Summer Term4							
HOR-281 Or HOR-280 And	Horticulture/CWE OR Horticulture/CWE And	180	6				

HOR-282	Horticulture/CWE						
11011-202	·	ement A	ssociato of	Annlied Science	ce Degree: 2 nd Year		
Fall Term5	Lanuscape manag	ement As	SSOCIALE OI	Applied Science	Le Degree, 2 Tear		
HOR-224	Landscape Installation	44	3	1		I	I
HOR-235	Weed Identification	20	2				
Or	Or	20	_				
HOR-236	Insect Identification						
SPN-101	First-Year Spanish I	44	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing or	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or	33- 44	3-4
	English Composition		<u> </u>		Composition I		
Winter Term6	D : 114	22	T a			<u> </u>	ı
BA-119	Project Management Practices	22	2				
HOR-229	Introduction to Landscape Design	44	3				
HOR-230	Equipment Operation & Maintenance	44	2				
HOR-231	Irrigation Design	44	3				
HOR-237	Disease Identification	20	2				
	Landscape Management program electives		3				
Spring Term7	program electives						
BA-101	Introduction to Business	44	4	I		1	
HOR-123	Landscape Maintenance	44	3				
	the following (2 credits):		J				
HOR-126*	Landscape Water Features	20	1				
HOR-127*	Landscape Lighting	20	1				
HOR-128*	Landscape Stones & Pavers	20	1				
HOR-129*	Landscape Decks & Fences	20	1				
HOR-240	Irrigation Practices	44	3				
	Landscape Management program electives		3				
Landscape Manag	gement Program Electives						
Summer	, and the second						
HOR-146	Fruit & Berry Growing	44	3				
HOR-211	Native Plant Identification	10	1				
Fall							
HOR-225	Arboriculture I	33	3				
Winter							
CDT-103	Computer-Aided Drafting I	66	3				
HOR-239	Tree Climber Training	24	1				
HOR-260	Arboriculture II	33	3				
HOR-290	Special Topics in Horticulture	66	3				
Spring							
HOR-126*	Landscape Water Features	20	1				
HOR-127*	Landscape Lighting	20	1				
HOR-128*	Landscape Stones & Pavers	20	1				

HOR-129*	Landscape Decks & Fences	20	1			
HOR-234*	Advanced Landscape Design	44	3			
HOR-244*	Ecological Landscape Design	44	3			
HOR-246	Organic Farming and Gardening	44	2			
HOR-261	Tree Diagnostics	44	2			
Multiple Terms						
BA-223	Principles of Marketing	44	4			
WET-109	Backflow Assembly Operation and Testing	66	4			
*Offered alterna	ate years					
TOTAL CURRE	NT CREDITS:		95-98	TOTAL PRO	OPOSED CREDITS:	96-98

College Contact	April Ch	nastain	Telephone No.	3055	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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http://www.ode.state.or.us/search/results/?id=231 College: **Clackamas Community College** Date CAREER LEARNING AREA □ Health Services **Ag, Food & Natural Resource Systems Arts, Information & Communications □** Human Resources ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED APPROVED** <u>APPROVED</u> Current **Recognition Award Program Title** CIP Code **Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-digit CIP http://www.ode.state.or.us/search/results/?id=232) digit digit **Parent AAS Title:** ☐ AAS **Landscape Management AAS Option Title** OPTION** to AAS (at least 70% of base * **Arboriculture** 01.0605 Ι 96-99 **AAS, 90-108 credits)** AAS.LANDMGMTARBOR □ Certificate of **Certificate Title:** <u>Within AAS Degree? □ Yes** □</u> No Completion **Enter name of base degree in 'AAS Title' box LAST AMENDMENT APPROVED ON 01.15.21 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) ■ New Program++ ☐ Curriculum Revision **Revision in Program Credits** □ Title Change for Program **Proposed** Total Credits: 97-99 **Proposed AAS Title: Proposed OPTION Title: Proposed** Certificate Title: Reason for Suspension: □ SUSPENSION of Program

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRENT CURRICULUM	<u> </u>		PROPOSED CURRICULUM 23-24			
Course	Course Title	Hours	Credits	Course	Course Title	Hours	
			1 st Y				
Fall Term1							
FYE-101	First Year Experience Level I	22	2				
HE-252**	First Aid/CPR/AED	33	3				
HOR-115	Horticulture Safety	10	1				
HOR-223	Applied Plant Science	44	4				
HOR-226	Plant Identification/Fall	44	4				
HOR-236	Insect Identification	20	2				
Winter Term	2						
HOR-131	Tree & Shrub Pruning	44	3				
HOR-216	Integrated Pest Management	33	3				
HOR-222	Horticultural Computer Applications	20	2				
HOR-227	Plant Identification/Winter	44	4				
HOR-230	Equipment Operation & Maintenance	44	2				
HOR-239	Tree Climber Training	24	1				
Spring Term	3						
BA-285 or COMM- 100	Human Relations in Business or Basic Speech Communication	33- 44	3-4	BA-285 or COMM- 100Z	Human Relations in Business or Introduction to Communication	44	4
HOR-120	Pesticide Laws & Safety	12	1				
HOR-140	Soils	33	3				
HOR-228	Plant Identification/Spring	44	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing Or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing Or Composition I	33- 44	3-4
Summer Ter	m4						
HOR-211	Native Plant Identification	10	1				
HOR-280	Horticulture/CWE	90	3				
			2 nd \	/ear			
Fall Term5							
HOR-225	Arboriculture I	33	3				
HOR-262	Treework Practicum I	66	2				
MTH-050 or MTH-065 or higher	Technical Mathematics I or Algebra II or higher level math	44	4-5	MTH-050 or MTH-065 or higher	Technical Mathematics I or Algebra II or higher level Math or Statistics	44	4-5
	Arboriculture program electives		3				

Winter Term	16				
BA-119	Project Management Practices	22	2		
HOR-229	Introduction to Landscape Design	44	3		
HOR-237	Disease Identification	20	2		
HOR-260	Arboriculture II	33	3		
	Arboriculture program electives		3		
Spring Term	17				
HOR-123	Landscape Maintenance	44	3		
HOR-215	Herbaceous Perennials	44	3		
HOR-261	Tree Diagnostics	44	2		
HOR-263	Plant Health Care Practicum	66	2		
HOR-282	Horticulture/CWE	90	3		
	Arboriculture program electives		3		
Summer Ter	m8				
HOR-281	Horticulture/CWE	180	6		
Arboriculture	e Program Electives			-	
Summer					
HOR-146	Fruit & Berry Growing	44	3		
Fall					
HOR-224	Landscape Installation	44	3		
HOR-235	Weed Identification	20	2		
HOR-264	Treework Practicum II (Aerial)	66	2		
Winter					
HOR-231	Irrigation Design	44	3		
HOR-290	Special Topics in Horticulture	66	3		
Spring					
HOR-240	Irrigation Practices	44	3		
HOR-244*	Ecological Landscape Design	44	3		
Multiple Teri	ms				-
BA-101	Introduction to Business	44	4		
SPN-101	First-Year Spanish I	44	4		
Catalog Note	es				
	ernate years				
**Course ma	ay be waived with current CPF	certifica	ation		
TOTAL CUR	RRENT CREDITS:		96-99	TOTAL PROPOSED CREDITS:	97-99

College Contact	April C	hastain	Telephone No.	3055	
E-Mail Address			Fax No.		
Chief Academic Office	er <i>or</i>			Date	
PTE Dean Signature					

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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Office of Educational Improvement & Innovation

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College:	Clackamas Communit	y College	е				Date		
		CAREER	LEA	RNING	i ARI	EA			
	d & Natural Resource Syste					ervic			
	formation & Communication	ns							
□ Busines	ss & Management				lustri	al & E	ingineering Sy	stems	
		PROGRA	M IN	IFORM	ATIO	ON			
<u>APPROVED</u>				APPRO	OVED)	APPRO	VED	Current
Program Title				CIP C	ode		Recognition	n Award	Credits
				clude 7 th a					
(For Official Presument Title refer to very discostory of				report	ing.)				
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)			<u>6-a</u>	igit CIP	<u>Zth digit</u>	<u>8th</u> digit			
AAS Title:							√ AAS		
Music Pe	rformance & Technolog	gy	50.	0913			(90-108 c	redits)	94-96
AAS.MUSICF									
Option Tit	:le**						□ <i>OPTION</i> t	o AAS	
							Degree		
Certificate	e Title:<u><i>Within</i></u>AA S Degree? □ Y	′es** □					☐ Certificate		
No							Completic	on	
**Enter name (of base degree in 'AAS Title' box								
	ent approved on 05.21.21								
	TY	PE OF PI		RAM A L That A		DME	NT		
□ New P	rogram++			m Revi	,,		✓ Revisio	n in Prog	ram Credits
	hange for Program	Culli	Cuiu	iii icevi	3.011		Proposed To		
	Proposed AAS Title:								
	Proposed OPTION Title:								
	oposed Certificate Title:								
	ENSION of Program	Reason for S	Suspens	sion:					
9	Suspension Effective Date:								
+If now progr	am is an additional award for an o					-4- \D.	 	/	

ogram is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURI	RENT CURRICULUM			Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24				
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
	Music Performan				lied Science: 1 st Year			
Fall Term			<u> </u>					
MUP-150	Contemporary Music Ensemble	44	2					
*MUP-171-191 Or MUP-171J-191J Or MUP-171R-191R	Individual Lessons Or Ind Lessons/Jazz Or Ind Lessons/Rock	20	2					
MUS-101	Music Fundamentals	33	3					
MUS-107	Introduction to Audio Recording I	33	3					
MUS-111L	Music Notation Software I	22	1					
MUS-131	Group Piano: Piano for Pleasure	22	1					
MUS-148	Live Sound Engineering	33	3					
Winter Term								
MUP-150	Contemporary Music Ensemble	44	2					
*MUP-171-191 Or MUP-171J-191J Or MUP-171R-191R	Individual Lessons Or Ind Lessons/Jazz Or Ind Lessons/Rock	20	2					
MUS-102	Music Fundamentals	33	3					
MUS-108	Introduction to Audio Recording II	33	3					
MUS-112L	Music Notation Software I	22	1					
MUS-132	Group Piano: Piano for Pleasure	22	1					
MUS-140	Careers in Music	33	3					
MUS-160	Songwriting I	22	2					
Spring Term								
MTH-050 Or MTH-065 Or higher	Technical Mathematics I or Algebra II or higher level math	44	4-5	MTH-050 Or MTH-065 Or higher	Technical Mathematics I or Algebra II or higher level Math or Statistics	44	4-5	
MUP-150	Contemporary Music Ensemble	44	2					
*MUP-171-191 Or MUP-171J-191J Or	Individual Lessons Or Ind Lessons/Jazz Or	20	2					

Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX T Seminar II mmunication ills: cupational riting glish mposition ntemporary Music semble lividual Lessons	33 33 11 33- 44	3 3 1 3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33-44	3-4
Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX T Seminar II mmunication ills: cupational riting glish mposition	33 33 11 33- 44	3 3 1 3-4	Or	Occupational Writing or		3-4
Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX T Seminar II mmunication ills: cupational iting	33 33 11 33-	3 3	Or	Occupational Writing or		3-4
Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX T Seminar II mmunication ills:	33 33 11 33-	3 3	Or	Occupational Writing		3-4
Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX T Seminar II	33 33	3 3				
Lessons/Jazz Lessons/Rock sic Theory I roduction to ctronic Music II: quencing, Audio oping, Sound EFX	33 33	3				
l Lessons/Jazz l Lessons/Rock sic Theory I	33	3				
l Lessons/Jazz l Lessons/Rock						
Lessons/Jazz	20	2				
	70	,				
ntemporary Music semble lividual Lessons	20	2				
the man a very last at the state of the stat	4.4	La		T		
T Seminar I	11	1				
roduction to ctronic Music I: DI	33	3				
roduction to the sic Business	33	3				
·	33	3				
Lessons/Jazz	20	_				
semble						
mmunication			100Z	Communication	7-7	7
cic Spaceh	22	lo	COMM	Introduction to	144	4
Music Performanc	e & Tech	inology Ass	sociate of Appl	ied Science: 2 nd Year		
quirement						
/ neartn/Sarety/ st Aid		l*				
	22					
oup Piano: Piano Pleasure	22	1				
sic Notation tware I	22	1				
roduction to Audio cordina III	33	3				
	cording III sic Notation tware I sup Piano: Piano Pleasure sigwriting II /Health/Safety/ st Aid suirement Music Performance sic Speech mmunication stemporary Music semble ividual Lessons Lessons/Jazz Lessons/Rock sic Theory I roduction to the sic Business roduction to ctronic Music I: DI	roduction to Audio cording III sic Notation tware I sup Piano: Piano Pleasure agwriting II 22 /Health/Safety/st Aid puirement Music Performance & Technology Technology Music Pemble sividual Lessons 20 Lessons/Jazz Lessons/Rock sic Theory I 33 roduction to the sic Business roduction to ctronic Music I: DI	roduction to Audio cording III sic Notation tware I sup Piano: Piano Pleasure agwriting II 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	roduction to Audio cording III sic Notation tware I sup Piano: Piano Pleasure regwriting II 22 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	roduction to Audio cording III	roduction to Audio ording III sic Notation tware I

Or MUP-271J-291J Or MUP-271R-291R	Or Ind Lessons/Jazz Or Ind Lessons/Rock					
MUS-113	Music Theory I	33	3			
MUS-144	Introduction to Electronic Music III: Digital Audio	33	3			
MUS-170	Introduction to Scoring Music for Media	22	2			
MUS-220	MPT Seminar III	11	1			
MUS-280	Music/CWE	72	2			
Catalog Notes						
*Lessons must be in same instrument discipline, but may be in different styles.						
TOTAL CURRENT	CREDITS:		94-96	TOTAL PRO	OPOSED CREDITS:	95-97

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature	er <i>or</i>		Date	

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Communit	munity College					Date			
	CAREER	LEA							
☐ Ag, Food & Natural Resource Syste☐ Arts, Information & Communication									_
Arts, Information & CommunicationBusiness & Management	ons					irces ingineering Sy	ctome		-
Dusiness & Hanagement			<u> </u>	ustri	ai & L	ingineering 5y	<u>stems</u>		
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Program Title		(7	CIP C			Recognition	n Award	Credit	:s
					gits S				
(For Official Program Title, refer to your direc	ctory at	6-d	report igit CIP	ing.) 	8 th				
http://www.ode.state.or.us/search/results/?id	<u> </u>	910 021	<u>digit</u>	<u>digit</u>					
AAS Title:					☐ Associate				
						Applied Science (AAS) Degree			
Option Title**						□ OPTION t			
option ride						Degree			
Certificate Title: Within AAS Degree?	1 44 /					√ CC1			
No	es** v	10	0203			(45-60 credit	s)	51-54	
Music Technology		10.	0205			(15 GG GI GUIIG	-,	31 34	
CC.MUSICTECH									
**Enter name of base degree in 'AAS Title' box AST AMENDMENT APPROVED ON 01/19/18									
, ,	PE OF PE	ROG	RAM A	MEN	DME	NT			
	(Che	ck AL	L That <i>I</i>	Apply)					
☐ New Program++	□ Curri	culu	m Revi	sion		✓ Revisio	<mark>n in Prog</mark>	ram Cre	dits
☐ Title Change for Program						Proposed To	otal Credit	s: 52	2-54
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									
☐ SUSPENSION of Program	Reason for Suspension:								
Suspension Effective Date:									

CU	IRRENT CURRICULUM			PROPOSED CURRICULUM 23-24				
Course	Title	Hours	Credits	Course	Title	Hours		
Fall Term		1	0.00.00			110410	0.00.00	
MUS-107	Introduction to Audio Recording I	33	3					
MUS-141	Introduction to the Music Business	33	3					
MUS-142	Introduction to Electronic Music I: MIDI	33	3					
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4	
	Music Technology program basics		3		•			
	Music Technology program electives		2					
Winter Term								
COMM-100 Or COMM-126 Or COMM-140 Or COMM-218 MTH-050 Or MTH-065	Basic Speech Communication or Introduction to Gender Communication or Introduction to Intercultural Communication Or Interpersonal Communication Technical Mathematics I or	33- 44 55	4-5	COMM- 100Z Or COMM- 126 Or COMM- 140 Or COMM- 218Z MTH-050 Or MTH-065	Introduction to Communication or Introduction to Gender Communication or Introduction to Intercultural Communication Or Interpersonal Communication Technical Mathematics I or	44-55	4-5	
or higher MUS-108	Algebra II or higher level math Introduction to Audio	33	3	or higher	Algebra II or higher level Math or Statistics			
1402-100	Recording II	ا ا	٥					
MUS-140	Careers in Music	33	3				_	
MUS-143	Introduction to Electronic Music II: Sequencing, Audio Looping, Sound EFX	33	3					
	Music Technology program basics		3					
	Music Technology program electives		2					
Spring Term								

		T	Т -	T		1
MUS-109	Introduction to Audio Recording III	33	3			
MUS-144	Introduction to Electronic Music III:	33	3			
	Digital Audio					
MUS-280	Music/CWE	72	2			
	Music Technology	1	3			
	program basics					
	Music Technology		2			
–	program electives	<u></u>				
	gy Program Basics	1	T .			1
MUP-100	Individual Lessons: Non- Music Majors	11	1			
MUS-101	Music Fundamentals	33	3			
MUS-102	Music Fundamentals	33	3			
MUS-103	Music Fundamentals	33	3			
MUS-105	Music Appreciation	33	3			
MUS-111	Music Theory I	33	3			
MUS-112	Music Theory I	33	3			
MUS-113	Music Theory I	33	3			
MUS-131	Group Piano: Piano for Pleasure	22	1			
MUS-132	Group Piano: Piano for Pleasure	22	1			
MUS-133	Group Piano: Piano for Pleasure	22	1			
MUS-134	Group Voice: Anyone Can Sing	22	1			
MUS-135	Group Voice: Anyone Can Sing	22	1			
MUS-136	Group Voice: Anyone Can Sing	22	1			
MUS-137	Group Guitar I	22	1			
MUS-138	Group Guitar II	22	1			
MUS-205	Music Literature: History of Jazz	44	4			
MUS-206	Music Literature: History of Rock	44	4			
Music Technolo	gy Program Electives					
MUP-100	Individual Lessons: Non- Music Majors	11	1			
MUP-102	Wind Ensemble	44	2			
MUP-104	Pep Band/Combo- Improv	22	1			
MUP-105	Jazz Ensemble	44	2			
MUP-122	Chamber Choir	44	2			
MUP-125	Vocal Jazz Ensemble: Mainstream	44	2			
MUP-141	College Orchestra	22	1			
MUP-150	Contemporary Music Ensemble	44	2			
MUP-241	College Orchestra	22	1	1	Ī	

MUS-101	Music Fundamentals	33	3			
MUS-102	Music Fundamentals	33	3			
MUS-103	Music Fundamentals	33	3			
MUS-105	Music Appreciation	33	3			
MUS-106	Audio Recording at Home	11	1			
MUS-131	Group Piano: Piano for Pleasure	22	1			
MUS-132	Group Piano: Piano for Pleasure	22	1			
MUS-133	Group Piano: Piano for Pleasure	22	1			
MUS-134	Group Voice: Anyone Can Sing	22	1			
MUS-135	Group Voice: Anyone Can Sing	22	1			
MUS-136	Group Voice: Anyone Can Sing	22	1			
MUS-137	Group Guitar I	22	1			
MUS-138	Group Guitar II	22	1			
MUS-145	Introduction to Digital Sound, Video & Animation	33	3			
MUS-147	Music, Sound & Moviemaking	11	1			
MUS-148	Live Sound Engineering	33	3			
MUS-149	Advanced Pro Tools Editing Techniques	11	1			
MUS-160	Songwriting I	22	2			
MUS-161	Songwriting II	22	2			
MUS-170	Introduction to Scoring Music for Media	22	2			
MUS-171	Sound Design	22	2			
MUS-205	Music Literature: History of Jazz	44	4			
MUS-206	Music Literature: History of Rock	44	4			
MUS-247	Sound for Media	33	3			
TOTAL CURR	ENT CREDITS:		51-54	TOTAL PR	OPOSED CREDITS:	52-54

College Contact	Brian F	ose Telephone No	3340	
E-Mail Address		Fax No.		
Chief Academic Office	er <i>or</i>		Date	
PTE Dean Signature				

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://w	ww.ode.sta						e iocateu	aı	
College: Clackamas Commun	ity Colleg	е				Date			
	CADEED	ΙFΛ	ONTN	: ADI	FΛ				
CAREER LEARNING AREA ☐ Ag, Food & Natural Resource Systems ☐ Health Services									
☐ Arts, Information & Communicat				man l					
☐ Business & Management						ngineering Sy	stems		
						<u> </u>			
	PROGRA	M IN	FORM	ATIC	N				
<u>APPROVED</u>			<u>APPR</u> (OVED		APPRO	VED	Curr	ent
Program Title			CIP C	ode		Recognition		Cre	dits
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(5 OFF : 15 THE S. 11 H			report	ing.)		_			
(For Official Program Title, refer to your dit http://www.ode.state.or.us/search/results/		<u>6-di</u>	git CIP	<u>Zth digit</u>	8 th digit				
AAS Title:						☐ Associate	•-		
						Applied S			
Option Title**						(AAS) Dec			
Option Title***						Degree	UAAS		
Certificate Title: Within AAS Degree?	Yes** √					√ CC1			
No Organic Farming		1.0	304			(45-60 credit	s)	52-5	56
CC.ORGANICFARM									
**Enter name of base degree in 'AAS Title' box									
AST AMENDMENT APPROVED ON 05.06.22									
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■ New Program++	Curri	<mark>iculu</mark> r	n Revi	sion		✓ Revisio	<mark>n in Prog</mark> i	ram C	redits
Title Change for Program						Proposed To	otal Credit	s:	53-5
<i>Proposed</i> AAS Title	:								
Proposed OPTION Title	:								
Proposed Certificate Title	:								
□ SUSPENSION of Program	Reason for S	Suspensi	ion:						

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CI	RRENT CURRICULUM			PROPOSED CURRICULUM 23-24				
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
Fall Term	Title	Hours	Cicuits	Course	Title	Hours	Cicuits	
HOR-113	Organic Farming Practicum/Fall	55	3					
HOR-124	Food Harvest	44	3					
HOR-223	Applied Plant Science	44	4					
MTH-050 Or MTH-065 Or higher	Technical Mathematics I or Algebra II or higher level math	44- 55	4-5	MTH-050 Or MTH-065 Or higher	Technical Mathematics I or Algebra II or higher level Math or Statistics	44- 55	4-5	
	Organic Farming program electives		2					
Winter Term								
BA-285 Or COMM-100	Human Relations in Business or Basic Speech Communication	33- 44	3-4	BA-285 Or COMM- 100Z	Human Relations in Business or Introduction to Communication	44	4	
HOR-136	Organic Farming Practicum/Winter	55	3					
HOR-216	Integrated Pest Management	33	3					
HOR-230	Equipment Operation & Maintenance	44	2					
Spring Term								
HOR-135	Propagation of Edible Plants	44	3					
HOR-140	Soils	33	3					
HOR-141	Organic Farming Practicum/Spring	88	4					
-	Organic Farming program electives		3-4					
Summer Term								
HOR-146	Fruit & Berry Growing	44	3					
HOR-284	Organic Farming Practicum/Summer	108	3					
HOR-285	Organic Farming/CWE	90	3					
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4	
Organic Farming	Program Electives							
BA-223	Principles of Marketing	44	4					
BA-270	Social Media Marketing	44	4					
HOR-235	Weed Identification	20	2					

HOR-236	Insect Identification	20	2			
HOR-237	Disease Identification	20	2			
HOR-240	Irrigation Practices	44	3			
HOR-246	Organic Farming and Gardening	44	2			
TOTAL CURRENT CREDITS:			52-56	TOTAL PRO	OPOSED CREDITS:	53-56

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Officer PTE Dean Signature	· or		Date	

255 Capitol Street NE Salem, OR 97310-0203 Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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Current instructions, forms, handouts and other useful resources are located at

Current instructions, form http://ww								e located	at	
College: Clackamas Communi	ty College	е				D	ate			
	CAREER	LEA								
□ Ag, Food & Natural Resource Systems □ Health Services □ Arts, Information & Communications □ Human Resources										
Business & Management	JIIS						neering Sy	stoms		
business & Planagement				uustii	ai & i	-iigii	icering 3y	<u>stems</u>		
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(For Official Program Title, refer to your dire	octory at			<u>digit</u>	<u>digit</u>					
http://www.ode.state.or.us/search/results/?										
Parent AAS Title:							Associate			
							Applied So (AAS) Deg			
Option Title**							OPTION t			
							Degree			
Certificate Title: Within AAS Degree? √ \	/es** □									
No	_	58					CC		14	
Part Time Welding							(12-30 Cr	edits)		
**Enter name of base degree in 'AAS Title' box										
New program approved on 12.02.22										
TY	PE OF PI (Che		RAM / L That		DME	NT				
☐ New Program++	,		m Rev				Revisio	<mark>n in Prog</mark> i	ram Cred	dits
☐ Title Change for Program						P		otal Credit		
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
☐ SUSPENSION of Program	Reason for S	Suspens	sion:							
Suspension Effective Date:										

	<u> </u>	quence of	Courses F		IENT Quarter-to-quarter mapping. rriculum section only.]		
C	CURRENT CURRICULUM	22-23		F	PROPOSED CURRICULU	M 23-24	1
Course	Title	Hours	Credits	Course	Title	Hours	Credits
First Term							
WLD-100	Welder's Print Reading I	33	3				
WLD-150	Welding Processes	88	4				
Second Term							
COMM-100	Basic Speech Communication	33	3	COMM- 100Z	Introduction to Communication	44	4
WLD-111A Or WLD-113A Or WLD-115A	Shielded Metal Arc Welding (Stick) Or Gas Metal Arc Welding/Flux Core Arc Welding (Wirefeed) Or Gas Tungsten Arc Welding (GTAW)	88	4				
TOTAL CUR	RENT CREDITS:	-	14	TOTAL PR	OPOSED CREDITS:		15

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Office	er <i>or</i>		Date	
PTE Dean Signature				

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



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Office of Educational Improvement & Innovation

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•	http://ww	•	te.or.us/sea				e iocateu	al	
College:	College: Clackamas Community College			Date					
		CARFFR	LEARNIN	G ARI	FΔ				
☐ Ag, Foo		☐ Health Services							
	od & Natural Resource System formation & Communication		☐ Human Resources						
☐ Business & Management						ngineering Sy	stems		
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	<u>APPROVED</u>		<u>APPR</u>	OVED		APPRO	<u>VED</u>	Curre	ent
	Program Title			Code		Recognitio	n Award	Cred	its
		(Include 7 th used for							
(For Official Program Title, refer to your directory at		repoi	ting.)		_				
	ww.ode.state.or.us/search/results/?		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th digit</u>				
AAS Title:	1					☐ Associate	of		
Digital M	ledia Communications	AAS				Applied S			
_ · · -	1					(AAS) De			
Option Tit	tie**					☐ <i>OPTION</i> t Degree	O AAS		
						Degree			
	e Title: <u><i>Within</i></u> AAS Degree? √ \					√ Career Pa	thway		
	oduction Technician –	Career	9.0702			(12-44)		36	
Pathway									
CC.VIDEOPI	of base degree in 'AAS Title' box								
	IENT APPROVED ON 5/3/19								
	TY	PE OF PI	ROGRAM	AMEN	IDME	NT			
			eck ALL That	,					
	rogram++	√ Curri	culum Rev	ision			n in Prog		edits
☐ Title C	hange for Program					Proposed T	otal Credit	:s: 3	36-37
	Proposed AAS Title:								
	Proposed OPTION Title:								
Pi	roposed Certificate Title:								
	ENSION of Program	Reason for S	Guspension:						
	Suspension Effective Date:					1			

CURRENT CURRICULUM 22-23				F	PROPOSED CURRICULUM 23-24			
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
Fall Term				_				
DMC-100	Introduction to Media Arts	33	3					
DMC-104	Digital Video Editing	66	4					
DMC-247 Or MUS-247	Sound for Media Or Sound for Media	33	3					
DMC-264	Digital Filmmaking	66	4					
Winter Term		_	•					
COMM-100 Or PSY-101	Basic Speech Communication or Human Relations	33	3	COMM- 100Z Or PSY-101	Introduction to Communication or Human Relations	33-44	3-4	
DMC-106	Animation & Motion Graphics I	66	3					
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4	
Spring Term								
BA-101	Introduction to Business	44	4					
DMC-242	Field Recording for Media	10	1					
DMC-291 Or DMC-292	Digital Media Communications Portfolio Project I Or Digital Media Communications Portfolio Project II	66	3					
WR-262	Introduction to Screenwriting	44	4					
TOTAL CUR	RENT CREDITS:		36	TOTAL PR	OPOSED CREDITS:		36-37	

College Contact	Nora Brodnicki	Telephone No.	3034
E-Mail Address		Fax No.	
Chief Academic Office PTE Dean Signature			Date



Program Amendments

January 20, 2023

Program	Implementation
AA Degree, Oregon Transfer	2023/SU
AA Degree, Oregon Transfer Elementary Education	2023/SU
AA Degree, Transfer English Literature	2023/SU
AAS, Accounting	2023/SU
AAS, Accounting AAS, Administrative Professional	2023/SU
AAS, Auto Body/Collision Repair and Refinishing Technology	2023/SU
AAS, Automotive Service Technology	2023/SU
AAS, Automotive Service reclinology AAS, Business	2023/SU
AAS, Computer & Network Administration	
	2023/SU
AAS, Criminal Justice	2023/SU
AAS, Criminal Justice, Corrections Option	2023/SU
AAS, Early Childhood Education & Family Studies	2023/SU
AAS, Emergency Management Professional	2023/SU
AAS, Human Services Generalist	2023/SU
AAS, Nursing (RN)	2023/SU
AAS, Project Management	2023/SU
AAS, Renewable Energy Technology	2023/SU
AAS, Water & Environmental Technology	2023/SU
AAS, Web Design & Development	2023/SU
AAS, Wildland Fire Management	2023/SU
AS Degree, Transfer Biology	2023/SU
AS Degree, Transfer Business	2023/SU
AS, Architectural Engineering, OSU	2023/SU
AS, Biological Engineering, OSU	2023/SU
AS, Biology, OSU	2023/SU
AS, Biology, PSU	2023/SU
AS, Biology, UofO	2023/SU
AS, Chemical Engineering, OSU	2023/SU
AS, Civil Engineering, OSU	2023/SU
AS, Civil Engineering, PSU	2023/SU
AS, Computer Engineering, PSU	2023/SU
AS, Computer Science, PSU	2023/SU
AS, Construction Engineering Management, OSU	2023/SU
AS, Ecological Engineering, OSU	2023/SU
AS, Electrical Engineering, OIT	2023/SU
AS, Electrical Engineering, OSU	2023/SU
AS, Electrical Engineering, PSU	2023/SU
AS, English, OSU	2023/SU
AS, English, PSU	2023/SU
AS, English, UofO	2023/SU
AS, Environmental Engineering, OSU	2023/SU
AS, Environmental Engineering, PSU	2023/SU
AS, Industrial/Manufacturing Engineering, OSU	2023/SU
AS, Mechanical Engineering, OIT	2023/SU
AS, Mechanical Engineering, OSU	2023/SU
AO, Medianical Engineening, COC	2020/00

AS, Mechanical Engineering, PSU	2023/SU
AS, Music, PSU	2023/SU
AS, Oregon Transfer - Business	2023/SU
AS, Oregon Transfer, Computer Science	2023/SU
AS, Renewable Energy Engineering, OIT	2023/SU
Associate of General Studies	2023/SU
CC, Accounting Clerk	2023/SU
CC, Administrative Assistant	2023/SU
CC, Business Management	2023/SU
CC, Computer & Network Administration	2023/SU
CC, Computer Application Specialist	2023/SU
CC, Dental Assistant	2023/SU
CC, Early Childhood Education & Family Studies	2023/SU
CC, Emergency Medical Technology	2023/SU
CC, Fitness Technology	2023/SU
CC, Gerontology	2023/SU
CC, Healthcare Careers	2023/SU
CC, Human Resource Management	2023/SU
CC, Human Services Generalist	2023/SU
CC, Juvenile Corrections	2023/SU
CC, Management Fundamentals	2023/SU
CC, Marketing	2023/SU
CC, Medical Assistant	2023/SU
CC, Medical Billing and Coding	2023/SU
CC, Project Management Leadership & Communication	2023/SU
CC, Renewable Energy Technology	2023/SU
CC, Water & Environmental Technology	2023/SU
CC, Web Design	2023/SU
CC, Wildland Fire Science	2023/SU
EFA, Business	2023/SU
EFA, Creative Arts, Communication & Humanities	2023/SU
EFA, Health Professions	2023/SU
EFA, Teaching & Education	2023/SU
Oregon Transfer Module	2023/SU
AA Degree, Oregon Transfer	2023/SU

AA.OTELEMED

Associate of Arts Oregon Transfer Degree (AAOT) - Elementary Education

last amendment approved on 02.18.22

Requirements	Courses
	Choose from the following courses to meet degree requirements. All courses must be passed with a C or better.
Writing 8 credits, information literacy will be included in the Writing Requirement.	WR-121Z & 122Z
Oral Communication - 1 course	COMM-111Z
Mathematics - 3 courses	MTH-211, 212, and 213
Health at least 3 credits.	HPE-295
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters • 3 courses from 2 or more disciplines. • Each course must be at least 3 credits.	ENG-104, 105 or 106 and ART-115 or 131 and 1 course from the following: (200-level world languages recommended) ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASI-201*, 202*, 203* BA-130 COMM-112, 126*, 140*, 212, 218Z*, 219*, 227 ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296 FR-201*, 202*, 203* HUM-235*, 237*, 240*, 241*, 242* J-211, 216 MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213 PHL-101*, 102*, 103*, 205*, 210*, 213*, 216* R-101*, 102*, 103*, 204*, 210*, 211*, 212* SPN-201*, 202*, 203* SSC-237* TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270 WS-101*
GENERAL EDUCATION DISTRIBUTION AREA Social Science • 4 courses from 2 or more disciplines. • Each course must be at least 3 credits.	HST-201*, 202*, or 203* and ANT-103* or GEO-110* and PS-201 and PSY-200, 205*, or 215

GENERAL EDUCATION DISTRIBUTION AREA Science/Math/Computer Science • 3 courses • Each course must be at least 4 credits	BI-101, 102 or 103 and G-101, 102, or 103 and GS-104, 105, 106 or any of the following AAOT science lab courses: ASC-175, 176, 177 BI-101, 102, 103, 112, 160L, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 PH-121, 122, 123, 201, 202, 203, 211, 212, 213
	z -201, 202, 203
Cultural Literacy - 1 course	Courses meeting this requirement are noted with an asterisk* (from distribution lists)
Elementary Education Specific Requirements 5 courses Each public university will accept at least 3 out of the 5 courses as meeting major requirements. One of those 3 must be ED-216.	ED -169, 216, 229, 258, and 101 or 280
Elective Courses Any college-level course that would bring total credits to 90 credits.	Recommended Courses: ED -150 or ECE prefixed courses Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, see catalog for a listing of courses that may be included.

See course descriptions for course requisites.

Note: No course may be used to satisfy more than one requirement or distribution area.

AA.OREGONTRANSFER

Associate of Arts Oregon Transfer Degree (AAOT)

Requirements

Choose from the following courses to meet degree requirements. All courses must be passed with a C or better.

Writing 8 credits, information literacy will be included in the Writing Requirement.	WR-121Z and either 122Z, or 227Z
Oral Communication - 1 course	COMM-111Z
Mathematics - 1 course	MTH-105Z, 111Z, 112Z, 211, 212, 213, 243 , 244, 251, 252, 253, 254, 256, 261 STAT-243Z
Health & Physical Education 1 or more courses totaling at least 3 credits.	PE-185, 194, 240, 260, 270, 294, 294A HE-201, 202, 204, 205, 207, 223, 249, 250, 252, 261 HPE-295

GENERAL EDUCATION DISTRIBUTION AREA

Arts & Letters

- 3 courses from 2 or more disciplines.
- Each course must be at least 3 credits.

ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293

ASL-201*, 202*, 203*

BA-130

COMM-112, 126*, 140*, 212, 218Z*, 219*, 227

ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205,

213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*,

272*, 273*, 295*, 296 FR-201*, 202*, 203*

HUM-235*, 237*, 240*, 241*, 242*

J-211, 216

MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213

PHL-101*, 102*, 103*, 205*, 210*, 213*, 216* R-101*, 102*, 103*, 204*, 210*, 211*, 212*

SPN-201*, 202*, 203*

TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153

WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270

WS-101*

GENERAL EDUCATION DISTRIBUTION AREA

Social Science

- 4 courses from 2 or more disciplines.
- Each course must be at least 3 credits.

ANT-101, 102*, 103*, 232*

CJA-101, 201 EC-201, 202

GEO-100*, 110*, 130*, 208*

HE-163, 164

HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203*

HUM-237* PS-200*, 201, 203, 204, 205, 225, 297

PSY-200, 205*, 215, 219*, 231*

SOC-204*, 205*, 206*, 210*, 225*

SSC-235*, 237*, 240*, 241*, 242*

WS-101*

GENERAL EDUCATION DISTRIBUTION AREA

Science/Math/Computer Science

- 4 courses from at least 2 disciplines including at least 3 laboratory courses in biological and/or physical science.
- Each course must be at least 3 credits.

ASC-175, 176, 177

BI-101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212,

213, 231, 232, 233, 234

CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173

G-101, 102, 103, 148, 201, 202, 203

GS-104, 105, 106, 107

MTH-105Z, 111Z, 112Z, 211, 212, 213, 243, 244, 251, 252, 253, 254, 256, 261

PH-121, 122, 123, 201, 202, 203, 211, 212, 213

STAT-243Z

Z-201, 202, 203

Cultural Literacy - 1 course	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
Elective Courses Any college-level course that would bring total credits to 90 credits.	Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, for a listing of courses that may be included.

^{*} Course meets Cultural Literacy requirement.

See course descriptions, for course requisites.

Note: No course may be used to satisfy more than one requirement or distribution area.

Associate of Arts Transfer Degree (AAT) - English Literature (AA.ENGLIT)

last amendment approved on 04.01.22

amendment approved on 04.01.22	
Requirements	Courses Choose from the following courses to meet degree requirements. All courses must be passed with a C or better.
Writing 2 courses, information literacy will be included in the Writing Requirement.	WR-121Z and 122Z
Literature 2 courses At PSU up to 12 credits of 200-level English Literature can count towards the major	ENG-204, 205, 253 or 254 and Any 200-Level English Course
Mathematics - 1 course not required at PSU for the BA; will count toward UNST placement	MTH-105Z or higher level Math or Statistics
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters Take two 200-level literature courses Each course must be at least 3 credits. If students take American or British survey courses they will count toward major requirements at WOU At OSU these courses only count toward the major and students will need to take another Arts and Letters course At EOU, SOU, UO & PSU these courses also count toward major requirements (at PSU up to 12 credits of 200-level English literature can count toward the major)	ENG-201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296
GENERAL EDUCATION DISTRIBUTION AREA Social Science • Take 2 courses • Each course must be at least 3 credits.	ANT-101, 102*, 103*, 232* CIA-101, 201 EC- 201, 202 GEO-100*, 110*, 130*, 208* HE-163, 164 HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203* HUM-237* PS-200*, 201, 203, 204, 205, 225, 297 PSY-200, 205*, 215, 219*, 231* SOC-204*, 205*, 206*, 210*, 225* SSC-235*, 237*, 240*, 241*, 242* WS-101*
GENERAL EDUCATION DISTRIBUTION AREA Natural Science • Take 2 lab science courses • Each course must be at least 4 credits. At PSU the second Natural Lab Science course counts towards UNST placement	ASC-175, 176, 177 BI-101, 102, 103, 112, 160L, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 Z-201, 202, 203
Cultural Literacy - 1 course	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
World Languages	ASL-203* or FR- 203* or SPN-203*

Elective Courses

Any college-level course that would bring total credits to 90 credits.

Students should take courses to satisfy their minor of choice that will transfer to the Oregon public university of their choice. Please work with an English Department Advisor to identify possible courses to satisfy a specific minor at a partnering institution.

Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, for a listing of courses that may be included

Recommended:

COMM-111Z

ENG-104, 105, 106, 116, 121, 130, 194, 195, 230

WR-140, 240, 241*, 242, 243, 244*, 245, 246, 247, 248, 250, 262, 263, 265, 268, 270

Any Philosophy (PHL), Music or Theater appreciation (MUS, MUP, TA), US History (HST), or additional Biological (BI) or Physical Science courses.

See course descriptions for course requisites.

No course may be used to satisfy more than one requirement or distribution area.

^{*}Course meets Cultural Literacy requirement.

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Communit	y College	e			Date			
CAREER LEARNING AREA								
☐ Ag, Food & Natural Resource Syste	_							
☐ Arts, Information & Communication		п н	ıman	Resou	ırces			
√ Business & Management		☐ Ir	dustri	al & E	ngineering Sy	stems		
	PROGRAI	M INFORM	1ATI	NC				
<u>APPROVED</u>		<u>APPR</u>	<u>OVED</u>		<u>APPRO</u>	<u>VED</u>	Current	
Program Title			Code		Recognition	n Award	Credits	
		(Include 7 th used for						
(For Official Program Title, refer to your direc	otory at		ting.)		_			
http://www.ode.state.or.us/search/results/?id		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>				
AAS Title:		52.0301			√ AAS			
Accounting					(90-108 c	redits)	90	
AAS.ACCNTG								
Option Title**					□ <i>OPTION</i> t	o AAS		
				Degree				
Related Programs:				☐ Certificate	e of			
Accounting Clerk Certificate					Completic	on		
**Enter name of base degree in 'AAS Title' box								
AST AMENDMENT APPROVED ON 4/15/22								
TY	PE OF PE	ROGRAM	AMEN	IDME	NT			
		ck ALL That						
□ New Program++	☐ Curri	culum Rev	ision				am Credits	
☐ Title Change for Program					Proposed To	otal Credits	s:	
Proposed AAS Title:								
Proposed OPTION Title:								
Proposed Certificate Title:								
□ SUSPENSION of Program	Reason for S	Suspension:						
Suspension Effective Date:			•					

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

Course Title Hours Credits Course Title	Hours	
Fall Term		
BA-101		
Business		
BA-131		
MTH-050* Technical Mathematics I		
Winter Term BA-112 General Accounting II 44 4		
BA-112 General Accounting II 44 4 ————————————————————————————————————		
BA-177 Payroll Accounting 33 3 CS-135S Microsoft Excel 44 4 WR-121Z Composition I		
BA-177 Payroll Accounting 33 3 CS-135S Microsoft Excel 44 4 WR-121Z Composition I		
WR-121 English Composition 44 4 WR-121Z Composition I		
Technical Report Fall Term PE/Health/Safety/First Aid requirement Fall Term Decision Making with Accounting Information Fall Term Personal Finance Fall Term Personal Finance Fall Term Personal Finance Fall Term Fersonal Finance Fall Term Fersonal Finance Fall Term Fall Te		
Spring Term BA-205 Business Communications with Technology BA-211 Financial Accounting 44 4 BA-285 Business EC-201 Principles of Economics: MICRO BA-213 BA-213 Decision Making with Accounting Information BA-213 BA-213 BA-213 Decision Making with Accounting Information BA-218 BA-226 Business Law I WR-227 Technical Report Writing Winter Term	44	4
BA-205 Business Communications with Technology BA-211 Financial Accounting A4 Financial Accounting A4 Financial Accounting A4 Financial Accounting BA-285 Business EC-201 Principles of Economics: MICRO Fall Term BA-213 Decision Making with Accounting Information BA-218 BA-226 Business Law I WR-227 Technical Report Writing Winter Term A4 A4 A4 A4 A5 A6 A6 A7		
Communications with Technology BA-211 Financial Accounting 44 4 4 Financial Accounting 44 4 4 5 Financial Accounting 44 5 Financial Accounting 44 5 Financial Accounting 44 5 Financial Accounting 44 5 Financial Accounting 84 5 Financial Report Writing 84 6 Financial Report Winter Term Communications with 44 4 5 Financial Report Winter Term Additional Accounting Information Accounting I		
BA-285 Human Relations in Business EC-201 Principles of Economics: MICRO Table 1		
Business EC-201 Principles of Economics: MICRO Technical Report Writing Personal Finance HA-217 EN-227 EC-201 Principles of Economics: MICRO 44 44 44 44 44 44 44 44 44		
Economics: MICRO 2nd Year Fall Term BA-213 Decision Making with Accounting Information BA-218 Personal Finance 44 4 4 BA-226 Business Law I 44 4 WR-227 Technical Report Writing Winter Term		
Fall Term BA-213 Decision Making with Accounting Information BA-218 Personal Finance 44 4 4		
Fall Term BA-213 Decision Making with Accounting Information BA-218 Personal Finance 44 4 4		
BA-213 Decision Making with Accounting Information BA-218 Personal Finance 44 4 BA-226 Business Law I 44 4 WR-227 Technical Report Writing Winter Term Winter Term 44 4 WR-227Z Technical Writing		
BA-218 Personal Finance 44 4 BA-226 Business Law I 44 4 WR-227 Technical Report Writing 44 4 WR-227Z Technical Writing Winter Term		
WR-227 Technical Report 44 4 WR-227Z Technical Writing Winter Term		
WR-227 Technical Report 44 4 WR-227Z Technical Writing Winter Term		
	44	4
BA-216 Cost Accounting 44 4	_	
BA-256 Income Tax Accounting 44 4		
Program Electives 6		
Spring Term		
BA-217 Budgeting for Managers 33 3		
BA-228 Computerized 33 3 Accounting		
BA-240 Introduction to 44 4 Financial Management 44		
BA-255 Governmental and 44 4 Nonprofit Accounting		
Accounting Program Electives		

Any Business Administration (BA), Business Techno (BT), Computer Science (CS), or Economics (EC) or included in the Accounting program or FYE-101, M MTH-243, or LIB-101	Any Business Administration (BA), Business Techn (BT), Computer Science (CS), or Economics (EC) on tincluded in the Accounting program or FYE-10 105Z, STAT-243Z, or LIB-101	course	
*or higher, based on advising placement. Substitut transfer courses for these courses if you plan to co your education at a higher education institution. It recommended that you consult with a faculty or advisor for the transfer requirements of the specific advanced program or school.			
TOTAL CURRENT CREDITS:	90	TOTAL PROPOSED CREDITS:	

College Contact	Dr. Joan San-Claire			ephone No.	3013	
E-Mail Address	joan.s	an-claire@clackamas.edu	Fax	k No.		
Chief Academic Officer or PTE Dean Signature					Date	

255 Capitol Street NE Salem, OR 97310-0203 Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Community College					Date				
CAREER LEARNING AREA									
□ Ag, Food & Natural Resource Systems □ Health Services									
□ Arts, Information & Communications □ Human Resources									
V Business & Management ☐ Industrial & Engineering Systems									
PROGRAM INFORMATION									
<u>APPROVED</u>		APF	ROVEL	2	<u>APPRO</u>	<i>VED</i>	Current		
Program Title		CII	Code		Recognition	n Award	Credits		
		6-digit CI		8 th					
(For Official Program Title, refer to your direct	etory at		<u>digit</u>	<u>digit</u>					
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?id									
Parent AAS Title:	Parent AAS Title:				☐ Associate				
Accounting AAS					Applied So				
O.1' T'11.44					(AAS) Deg				
Option Title**					Degree	UAAS			
Certificate Title: <u>Within AAS Degree?</u> √Y	es** □	TO 0000	1_	ata .	CC1R Rela		4= 40		
No Accounting Clark		52.0302	J	*	Certificate (45-60 cre		45-48		
Accounting Clerk CC.ACNTGCLERK					(43-00 ci)	eures)			
**Enter name of base degree in `AAS Title' box			· ·	<u> </u>					
AST AMENDMENT APPROVED ON 4/15/22									
TY	PE OF PF (Che	ROGRAM eck ALL Th			NT				
☐ New Program++	Curriculum Revision			Revision in Program Cre		am Credi			
☐ Title Change for Program				Proposed Total Credits:		3:			
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									
□ SUSPENSION of Program	Reason for S	Suspension:							
Suspension Effective Date:									

CURRICULUM AMENDMENT									
[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]									
	URRENT CURRICULUM	PROPOSED CURRICULUM 23-24							
Course	Title	Course	Title	Hours	Credits				
First Term	Tide	Hours	Credits	Course	Title	Tilouis	Credits		
BA-101	Introduction to Business	44	4			T			
BA-111	General Accounting I	33	3						
BA-131	Introduction to Business Computing	44	4						
MTH-050*	Technical Mathematics I	44	4						
Second Term									
BA-112	General Accounting II	44	4						
BA-177	Payroll Accounting	33	3						
CS-135S	Microsoft Excel	33	3						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
	Program Electives		1-4						
Third Term		_				-	_		
BA-211	Financial Accounting	44	4						
BA-228	Computerized Accounting	33	3						
BA-285	Human Relations in Business	44	4						
EC-201	Principles of Economics: MICRO	44	4						
Accounting Cl	lerk Program Electives								
	Administration (BA) or Busin not included in the Accounting IB-101								
Catalog Notes	5								
* or higher, based on advising placement. Substitute college transfer courses for these courses if you plan to continue your education at a higher education institution. It is recommended that you consult with a faculty or academic advisor for the transfer requirements of the specific advanced program or school.									
requirements	is program can be applied to in the Business AAS degree		elective 45-48						
TOTAL CURI	RENT CREDITS:	TOTAL PRO	OPOSED CREDITS:						

College Contact	Dr. Joan San-Claire			Telephone No.	3013	
E-Mail Address	joan.san-claire@clackamas.edu			Fax No.		
Chief Academic Officer or					Date	
PTE Dean Signature						

Suspension Effective Date:

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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http://www.ode.state.or.us/search/results/?id=231 College: **Clackamas Community College Date** CAREER LEARNING AREA **Ag, Food & Natural Resource Systems** ■ Health Services **Arts, Information & Communications Human Resources Business & Management** ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED APPROVED** <u>APPROVED</u> Current **Recognition Award Credits Program Title** CIP Code (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-digit CIP http://www.ode.state.or.us/search/results/?id=232) digit digit **Parent AAS Title:** ☐ AAS **Administrative Professional AAS Option Title**** □ OPTION to AAS Degree Certificate Title: Within AAS Degree? √ Yes** □ √ CC1R Related Certificate 52.0401 45-46 **Administrative Assistant** (45-60 credits) **CC.ADMINASST** *Enter name of base degree in 'AAS Title' box Last amendment approved on 02.04.22 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) ■ New Program++ □ Curriculum Revision ■ Revision in Program Credits □ Title Change for Program **Proposed Total Credits: Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:** Reason for Suspension: ☐ SUSPENSION of Program

С	URRENT CURRICULUM		PROPOSED CURRICUA	LUM 23-24	f		
Course	Title	Hours	Credits	Course	Course Title Hours		
Fall Term						_	
BA-104	Business Math	33	3				
BA-131	Introduction to Business Computing	44	4				
BT-120	Personal Keyboarding	33	2				
BT-121	Data Entry	11	1				
*WR-121	English Composition	44	4	*WR- 121Z	Composition I	44	4
Winter Term							
BA-111 Or BA-211	General Accounting I or Financial Accounting	33-44	3-4				
BT-122	Keyboarding Skillbuilding	33	2				
BT-124	Business Editing I	33	3				
BT-160	Word I	55	3				
BT-216	Office Procedures	44	4				
Spring Term							
BA-270	Social Media Marketing	44	4				
BA-285	Human Relations in Business	44	4				
BT-125	Business Editing II	33	3				
BT-161	Word II	55	3				
BT-174	Microsoft Digital Tools for the Professional	22	2				
Catalog Notes	S					_	
student is rec	*This course will be removed from the first term IF the student is required to enroll in FYE-101. WR-121 will be rescheduled in a term conducive to a student's preference.				se will be removed from the required to enroll in FYE-1 d in a term conducive to a	01. WR-121 <mark>Z</mark>	will be
TOTAL CUR.	RENT CREDITS:		45-46	TOTAL PR	OPOSED CREDITS:		

College Contact	Bev Forney	Telephone No.	3115	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

Oregon Department of Community Colleges and Workforce Development

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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Office of Educational Improvement & Innovation

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College: Clackamas Communit	y College					[Date			
	CAREER	LEAI	RNING	ARI	EA					
☐ Ag, Food & Natural Resource Syste					ervic	es				
☐ Arts, Information & Communication			☐ Hu	man l	Resou	ırce	S			
√ Business & Management			☐ Inc	lustri	al & E	ngi	neering Sy	stems		
	PROGRAI	M IN	FORM	ATIO	ON					
<u>APPROVED</u>			APPRO				APPRO	VED .	Curi	rent
Program Title			CIP C			R	ecognition	1 Award	Cre	dits
			clude 7 th used for 0							
(For Official Program Title, refer to your dire	ctory at		report		oth.	-				
http://www.ode.state.or.us/search/results/?i		<u>6-ai</u>	<u>git CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th digit</u>					
AAS Title:						√	Statewide	AAS		
Administrative Professional					redits)	90-	91			
AAS.ADMINPRO						_				
Option Title**							OPTION to Degree	o AAS		
Related Certificates: Administrative Assistant Certificate							Certificate Completio			
Administrative Assistant Training Certificate	9						-			
**Enter name of base degree in 'AAS Title' box ast amendment approved on 02.04.22										
	PE OF PR	SUCI	2ΔΜ Λ	MFN	DMF	NT	•			
	(Che	ck AL	L That <i>I</i>	Apply)	DIVIL					
□ New Program++	☐ Currie	culur	n Revi	sion		_	Revisio			redits
☐ Title Change for Program						F	<i>Proposed</i> To	otal Credit	s:	
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
□ SUSPENSION of Program	Reason for Se	uspens	ion:							
Suspension Effective Date:										

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM	·	iipiete tile	ne Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24			
Course	Title	Hours	Credits	Course	Title	Hours	
Course	Title	Hours	1 st \		Title	Hours	Credits
Fall Torm			11	eai			
Fall Term	Total direction to Directors	14	4			I	
BA-101	Introduction to Business	44	4				
BA-104	Business Math	33	3				
BA-131	Introduction to Business Computing	44	4				
*WR-121	English Composition	44	4	*WR-121Z	Composition I	44	4
Winter Term							
BA-111	General Accounting I	33-44	3-4			I	
or	or						
BA-211	Financial Accounting						
BT-120	Personal Keyboarding	33	2				
BT-121	Data Entry	11	1				
BT-124	Business Editing I	33	3				
BT-160	Word I	55	3				
Spring Term							
BA-270	Social Media Marketing	44	4			I	
BT-122	Keyboarding Skillbuilding	33	2				
BT-125	Business Editing II	33	3				
BT-174	Microsoft Digital Tools for	22	2				
DI-174	the Professional	22	2				
CS-135S	Microsoft Excel	33	3				
	PE/Health/Safety/Firs	33	1				
	t Aid requirement		-				
		•	2 nd \	Year			
Fall Term							
BA-205	Business Communications	44	4			1	
2.1.200	with Technology						
BA-226	Business Law I	44	4				
BA-285	Human Relations in	44	4				
	Business						
BT-262	Integrated Projects	66	4				
Winter Term	l	=				=	
BA-224	Human Resource	44	4				
	Management						
BT-216	Office Procedures	44	4				
COMM-111	Public Speaking	44	4	COMM-111Z	Public Speaking	44	4
	Administrative		4				
	Professional program						
	elective						
Spring Term							
BA-228	Computerized Accounting	33	3				
BT-161	Word II	55	3				
BT-271	Advanced Business	110	4				
	Projects					<u> </u>	

	Administrative Professional program elective		6						
Administrativ	ve Professional Program Elect	ives							
(BT) course program. Stucredits to foo Human I Accounti	Management	ative Prof	essional						
Catalog Note	es								
student is re	*This course will be removed from the first term IF the student is required to enroll in FYE-101. WR-121 will be rescheduled in a term conducive to a student's preference.			*This course will be removed from the first term IF the student is required to enroll in FYE-101. WR-121Z will be rescheduled in a term conducive to a student's preference					
TOTAL CUR	RENT CREDITS:		90-91	TOTAL PRO	POSED CREDITS:				

College Contact	Bev Forney	Telephone No.	3115	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

Associate of Science Transfer Degree (AST) - Biology (AS.TBIOLOGY)

Requirements

Courses

Choose from the following courses to meet degree requirements.

All courses must be passed with a C or better.

Writing • 2 courses • information literacy will be included in the Writing Requirement. • OSU accepts WR-122Z and WR-227Z but recommends WR-227Z • WOU & UO accept WR-122Z and WR-227Z but recommend WR-122Z	WR-1217 and WR-122Z or 227Z
Mathematics • 2 courses • Students who test out of Math 111Z should take Math 112Z • Students who test out of Math 112Z may substitute a recommended elective with a MTH prefix (see recommended electives listed below).	MTH-111Z and 112Z
Biology • 3 courses • Each course must be at least 4 credits	BI-211, 212, and 213
Chemistry • 3-course sequence with lab • Each course must be at least 4 credits	CH-221, 222, and 223
Physics/Math/Chemistry • 2 Sequences • Strongly recommend seeing an advisor for assistance with choosing sequences that best match your specific academic, pre-professional, and career goals	PH-201, 202, and 203 or PH-211, 212, and 213 MTH 251 & 252 ¹, ² CH-241, 242, and 243³, ⁴ ¹ Students transferring to PSU may substitute MTH-243 STAT-243Z & MTH-244 for MTH-251 & MTH-252. ² Students transferring to EOU are required to take MATH 241 instead of MTH-251 and MTH-252. MTH-251 may serve as a substitute for MATH 241. ³ Students transferring to OSU are strongly recommended to take the Organic Chemistry sequence. For upper-level transfer students must pass the ACS Organic exam. Please work with an advisor. ⁴ Students considering pre-medical, pre-dental, and pre-pharmacy programs should consider Organic Chemistry sequence. Courses in sequence must be taken at the same institution
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters • 2 courses • Each course must be at least 3 credits	ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASI-201*, 202*, 203* BA-130 COMM-112, 126*, 140*, 212, 218Z*, 219*, 227 ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296 FR-201*, 202*, 203* HUM-235*, 237*, 240*, 241*, 242* J-211, 216 MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213 PHI-101*, 102*, 103*, 205*, 210*, 213*, 216* R-101*, 102*, 103*, 204*, 210*, 211*, 212*

SPN-201*, 202*, 203* SSC-237* TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270 WS-101* GENERAL EDUCATION DISTRIBUTION AREA ANT-101, 102*, 103*, 232* CJA-101, 201 Social Science EC-201, 202 GEO-100*, 110*, 130*, 208* 2 courses HE-163, 164 • Each course must be at least 3 credits HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203* HUM-2373 PS-200*, 201, 203, 204, 205, 225, 297 PSY-200, 205*, 215, 219*, 231* SOC-204*, 205*, 206*, 210*, 225* SSC-235*, 237*, 240*, 241*, 242* WS-101* Cultural Literacy - 1 course Courses meeting the Cultural Literacy requirement are noted with an asterisk. Recommended electives by transferring institution: **Elective Courses** Any college-level course that would bring total credits to EOU- MTH-243 STAT-243Z or an additional Physics, Math, or Chemistry sequence 90 credits. OIT- 4-6 credits social science, 1-3 credits humanities, or 2 credits lower division health biology OSU- COMM-111Z, 3 credits Fitness, 1 Difference Power and Discrimination course, or an additional sequence from the Physics, Math, or Chemistry area listed above PSU- MTH-243 STAT-243Z or an additional sequence from the Physics, Math, or

Chemistry area listed above

SOU- MTH-243 STAT-243Z or an additional sequence from the Physics, Math, or Chemistry area listed above

UO- WR-122Z or an additional sequence from the Physics, Math, or Chemistry area listed above

WOU- WR-122Z or an additional sequence from the Physics, Math, or Chemistry area listed above

Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, for a listing of courses that may be included.

Note: No course may be used to satisfy more than one requirement or distribution area.

^{*} Course meets Cultural Literacy requirement. See course descriptions for course requisites.

Associate of Science Transfer Degree (AST) - Business

AS.TBUSINESS

New program approved on 05.19.22; business electives amended via email on 9/6/22

Requirements	Courses
Complete 90 credits from the following:	
Writing • 2 courses • Information literacy will be included in the Writing requirement	WR-121Z and 227Z
Communications • 1 course	COMM- 111Z
Mathematics • 1 course	EOU, PSU, SOU, or OIT: MTH-243 STAT-243 OSU, WOU, or UO: MTH-251
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters • 2 Courses • Each course must be at least 3 credits	ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASI-201*, 202*, 203* BA-130 COMM-112, 126*, 140*, 212, 2182*, 219*, 227 ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296 FR-201*, 202*, 203* HUM-235*, 237*, 240*, 241*, 242* J-211, 216 MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213 PHI-101*, 102*, 103*, 204*, 210*, 213*, 216* R-101*, 102*, 103*, 204*, 210*, 211*, 212* SPN-201*, 202*, 203* SSC-237* TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270 WS-101*
GENERAL EDUCATION DISTRIBUTION AREA Social Science • 2 courses • Each course must be at least 3 credits	EC- 201 and 202
GENERAL EDUCATION DISTRIBUTION AREA Natural Science • 2 lab science courses • Each course must be at least 4 credits	ASC-175, 176, 177 BI-101, 102, 103, 112, 160L, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 Z-201, 202, 203
Cultural Literacy • 1 course	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
Business Specific Requirements • 5 courses	BA- 101, 131, 211, 213, 226
Electives	Any college-level course that would bring total credits to 90 credits Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses Please refer to the Elective Course List for courses that may be included Up to 3 credits of PE courses

Notes:

- All courses must be passed with a C or better
- No course may be used to satisfy more than one requirement or distribution area



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be co	mpietea electro	nically and the b	oxes will	expand t	o accommodate text.	
College: Clackamas Communit	y College	2			Date	
	CAREER	LEARNIN	G AR	EA		
☐ Ag, Food & Natural Resource Syste			ealth S			
☐ Arts, Information & Communication	ns	_	uman			
☐ Business & Management		√ Iı	ndustri	al & E	ngineering Systems	
	PROGRAI	M INFOR	MATI	ON		
<u>APPROVED</u> Program Title					APPROVED Recognition Award	Current Credits
AS Area of Emphasis Title: Engineering — Architectural Engineering AS.OSUARCHENGR					Associate of Applied Science Area of Emphasis	105
Partnering Institution Name Oregon State University						
New program approved on 12.02.22						
	PE OF PR	ROGRAM neck ALL That		IDME	NT	
x New Agreement	□ Curri	culum Rev	ision		☐ Revision in Prog	ram Credits
			Proposed Total Credits:			ts: 105
□ SUSPENSION of Program	Reason for S	uspension:			•	•
Suspension Effective Date:						

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

CURRENT CURRICULUM 22-23				PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
		Prog	ram Require	ements – 1 st Y	ear				
Fall Term		ı	1	_		T	Ī		
CH-221	General Chemistry	77	5						
ENGR-111	Introduction to Engineering	33	3						
MTH-251	Calculus I	55	5						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
Winter Term		ı	•	_			Ī		
CDT-103	Computer-Aided Drafting I	66	3						
CH-222	General Chemistry	77	5						
ENGR-112	Engineering Programming	33	3						
MTH-252	Calculus II	55	5		<u> </u>				
Spring Term		T	T .			_	_		
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4		
EC-201	Principles of Economics: MICRO	44	4						
MTH-254	Vector Calculus	55	5						
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4		
Summer Terr	m				-				
MTH-256	Differential Equations	44	4						
		Prog	ram Require	ements – 2 nd Y	'ear				
Fall Term									
ENGR-211	Statics	44	4						
PH-211	General Physics with Calculus	77	5						
PHL-102	Ethics	44	4						
MTH-253	Calculus III	55	5						
Winter Term									
PH-212	General Physics with Calculus	77	5						
CS-161	Computer Science I	44	4						
HPE-295	Health & Fitness for Life	60	3						
	Cultural Diversity elective		4						
Spring Term			-			-			
ENGR-201	Electrical Fundamentals	66	4						
ENGR-213	Strength of Materials	44	4						
PH-213	General Physics with Calculus	77	5						
	Difference, Power, and Discrimination elective		4						
Cultural Diver									
ANT -232; ENG -213, 252 GEO -110; R -101, 102, 1	2; 03, 210;								
HST -201, 202	ower, and Discrimination Elective 2, 203;	9							
complete add requirements University. Th	le not required for the A.S. degreitional coursework at CCC that we for the Bachelor of Science degree Bachelor of Science degree rece course from each category ence Elective	vill meet ree at Ore equires the	gon State						
BI -101, 102, 12 ESR -171, 172	103, 165CL, 175, 176, 177, 204, 2, 173;	211, 212,	213, 234;						

Z -201, 202, 203;							
TOTAL CURRENT CRE	DITS:	105	TOTAL PROPOSED CREDITS:				
College Contact	Eric Lee			Telephone No.	x6163		
E-Mail Address	elee@clackamas.edu			Fax No.			
Chief Academic					Date		
Officer or CTE Dean							
Signature							



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

CAREER LEARNING AREA □ Ag, Food & Natural Resource Systems □ Arts, Information & Communications □ Business & Management □ PROGRAM INFORMATION APPROVED Program Title CIP Code (Include 7° & 8° digits used for OCCURS reporting.) 6-digit CIP 2° digit 8-digit 8-digi	College: Clackamas Communit	y College			Date						
Ag, Food & Natural Resource Systems		CADEED LEADNING ADEA									
□ Arts, Information & Communications □ Business & Management □ PROGRAM INFORMATION PROGRAM INFORMATION APPROVED Program Title □ CIP Code (Include 7th & 8th digits used for OCCURS reporting.) 6-digit CIP											
PROGRAM INFORMATION APPROVED CIP Code (Include 7th & 8th digits used for OCCURS reporting.) G-digit CIP Digit D											
PROGRAM INFORMATION APPROVED APPROVED CUrrent Credits AS Area of Emphasis Title: Engineering AS.OSUBIOLENGR Partnering Institution Name Oregon State University PROGRAM INFORMATION APPROVED APPROVED Recognition Award Current Associate of Applied Science Applied Science Applied Science Area of Emphasis Associate of Applied Science Area of Emphasis 106 Associate of Applied Science Area of Emphasis 106 Partnering Institution Name Area of Emphasis 105 Partnering Institut	,	ns									
APPROVED CIP Code (Include 7th & 8th digits used for OCCURS reporting.) AS Area of Emphasis Title: Engineering — Biological Engineering AS.OSUBIOLENGR Partnering Institution Name Oregon State University APPROVED Recognition Award Credits Associate of Applied Science Area of Emphasis 105-106	☐ Business & Management		√ Inc	lustrial &	Engineerin	g Systems					
APPROVED CIP Code (Include 7th & 8th digits used for OCCURS reporting.) AS Area of Emphasis Title: Engineering — Biological Engineering AS.OSUBIOLENGR Partnering Institution Name Oregon State University APPROVED Recognition Award Credits Associate of Applied Science Area of Emphasis 105-106		PROGRAM	INFORM	ATION							
AS Area of Emphasis Title: Engineering — Biological Engineering AS.OSUBIOLENGR Partnering Institution Name Oregon State University Associate of Applied Science Area of Emphasis 105- 106	<u>APPROVED</u>	APPRO CIP C Include 7 th & 8 for OCCURS	OVED Code th digits used reporting.)	Recogn							
Oregon State University Last amendment approved on 12.02.22	Engineering – Biological Engine	ering			Assoc Appli	ed Science					
	_										
	Last amendment approved on 12.02.22										
TYPE OF PROGRAM AMENDMENT (Check ALL That Apply)	TY		_		ENT						
□ New Agreement □ Curriculum Revision □ Revision in Program Credit	□ New Agreement	□ Curricu	ılum Revi	sion	□ Rev	ision in Prog	ram Credit				
Proposed Total Credits:											
□ SUSPENSION of Program Reason for Suspension:	□ SUSPENSION of Program	Reason for Susp	pension:		•		•				
Suspension Effective Date:	Suspension Effective Date:										

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM			Proposed Curriculu	PROPOSED CURRICULU	ULUM 23-24		
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits	
Ttullio.	Couled This			ements – 1 st Ye		110410	Ground	
Fall Term								
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4	
ENGR-111	Introduction to Engineering	33	3					
MTH-251	Calculus I	55	5					
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4	
Winter Term		_	_	_		_	_	
BI-204	Elementary Microbiology	66	4					
CH-221	General Chemistry	77	5					
ENGR-112	Engineering Programming	33	3					
MTH-252	Calculus II	55	5		<u> </u>			
Spring Term		1		_			•	
CH-222	General Chemistry	77	5					
MTH-254	Vector Calculus	55	5	WB co==	T 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4	
Summer Ter		T	T =	_		1	1	
CH-223	General Chemistry	77	5					
MTH-256	Differential Equations	44	4			-		
	Social Process elective	Duna	•	and V	<u> </u>			
Fall Tarres		Prog	ram Require	ements – 2 nd Y	ear			
Fall Term CH-241	Organic Chemistry I	77	5	_	1	1	ı	
ENGR-211	Statics	44	4					
PH-211	General Physics with Calculus	77	5					
Winter Term						_		
CH-242	Organic Chemistry II	77	5		ı	T	Ī	
PH-212	General Physics with Calculus	77	5					
	Literature and the Arts elective		3-4					
Spring Term					•			
CH-243	Organic Chemistry III	77	5			T	I	
ENGR-201	Electrical Fundamentals	66	4					
PH-213	General Physics with Calculus	77	5					
	Western Culture elective		4					
Literature an	nd the Arts Elective							
213, 226, 230 MUS -105, 20	5, 106, 107, 108, 109, 194, 195 0, 241, 250, 251, 252, 253, 254, 5, 206;							
Social Proce	esses Elective							
ANT-103; EC-201, 202; HST-101, 102 PS-201, 204, PSY-200, 205 SOC-204, 20	2, 103; 205, 225; 5, 219, 231;							
ART-204 204								

ART-204, 205, 206; **ENG-**107, 108, 109, 201, 202, 204, 205, 250, 251, 253, 254, 255;

GEO-208;

HST-101, 102, 103, 132, 201, 202, 203;

PHL -102; R -204;							
Optional: While not require may complete additional c requirements for the Bach State University. The Bach completion of one course	oursework at CCC that wi elor of Science degree at elor of Science degree re	II meet Oregon quires the					
Cultural Diversity Elective							
ANT- 231, 232; ENG- 213, 252; GEO- 110; R- 101, 102, 103, 210;							
Difference, Power, and Dis	crimination Elective						
HST -201, 202, 203; SOC -225							
Physical Education Electiv	re						
HPE -295							
TOTAL CURRENT CREE	DITS:	105-106	TOTAL P	ROPOSED CREDITS:			
College Contact				Telephone No.			
E-Mail Address				Fax No.			
Chief Academic Officer <i>or</i> CTE Dean Signature					Date		



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit		Date										
CAREER LEARNING AREA												
☐ Ag, Food & Natural Resource Syste		LAT			ervice	nc						
☐ Arts, Information & Communication					esou							
☐ Business & Management						ngineering Systems						
						•						
PROGRAM INFORMATION												
APPROVED Program Title	CIP (Incli	PROVED P Code Stude 7th & 8th digits used OCCURS reporting.) Approved Award Adigit CIP Approved Award			Recognition	Curro Cred						
AS Area of Emphasis Title: Biology AS.OSUBIOLOGY					Associate of Applied Science Area of Emphasis	92-9	96					
Partnering Institution Name Oregon State University												
ast amendment approved on 11.05.21		201	2014 01	AFNI	DME	AIT.						
l Y	PE OF PRO (Chec		CAM Al L That App		DME	N I						
□ New Agreement	□ Curricu	ılur	n Revis	ion		☐ Revision in Prog	ram C	Credits				
						Proposed Total Credi	ts:					
□ SUSPENSION of Program	Reason for Susp	pensi	ion:									
Suspension Effective Date:]						

C	CURRENT CURRICULUM	1 22-23		PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours	Credits			
		Prog	ram Require	ements – First Y	ear					
Fall Term		T	T _	_			_			
BI-211	General Biology for Science Majors (Cellular Biology)	77	5							
CH-221	General Chemistry	77	5				1			
PE-185	Physical Education	33	1				1			
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
Winter Term		=	=			<u> </u>				
BI-212	General Biology for Science Majors (Animal Biology)	77	5							
CH-222	General Chemistry	77	5				1			
MTH-251	Calculus I	55	5				1			
Spring Term										
BI-213	General Biology for Science Majors (Plant Biology & Ecology)	77	5							
COMM-111	Public Speaking	44	4	COMM-	Public Speaking	44	4			
or	or			111Z	or					
COMM-112	Persuasive Speaking			or COMM-112	Persuasive Speaking					
or COMM-218	or Interpersonal			or	or Interpersonal					
00WW 210	Communication			COMM- 218Z	Communication					
CH-223	General Chemistry	77	5							
		Progra	ım Requiren	nents - Second	Year					
Fall Term										
CH-241*	Organic Chemistry I	77	5							
PH-201	General Physics	77	5							
Or PH-211	or General Physics with Calculus									
WR-122	English Composition	44	4	WR-122Z	Composition I	44	4			
Or	or			Or	or					
WR-227	Technical Report Writing			WR-227Z	Technical Writing		_			
	Core electives		3-5							
Winter Term		T	T =		<u> </u>					
CH-242*	Organic Chemistry II	77	5	-			_			
MTH-252	Calculus II	55	5	-			+			
PH-202 or	General Physics or	77	5							
PH-212	General Physics with Calculus									
Spring Term										
CH-243*	Organic Chemistry III	77	5							
HPE-295	Health & Fitness for Life	60	3							
PH-203	General Physics	77	5							
or PH-213	or General Physics with Calculus									
	Core electives		3-5				1			
transfer at 300 organic exam. exam. Transfe	mistry – satisfies degree require Devel credits unless students p OSU highly recommends takin ers as a combination of CH-331,	asses the g the ACS	does not ACS organic							
O El#										
Core Electives	<u> </u>									

ASC-175, 176, 177; BI-101, 102, 103, 175, 176, 177, 204, 211, 21 CH-104, 105, 114, 221, 222, 223; EC-201, 202; ENG-104, 105, 106, 107, 108, 109, 194, 201, 240, 241, 250, 251, 252, 253, 254, 255; ESR-171, 172, 173; G-101, 102, 103, 201, 202, 203; GEO-100, 110, 130, 208; GS-104, 105, 106, 107; HST-101, 102, 103, 201, 202, 203; MUS-206; PH-121, 122, 123, 201, 202, 203, 211, 212, 2 PHL-102; PS-200, 201, 203, 204, 205, 225; PSY-200, 205, 219, 231; R-101, 102, 103, 210, 204; SOC-204, 205, 206, 225; Z-201, 202, 203;	202, 204, 205, 213, 13;	TOTAL	DODOSED OBEDITS		
TOTAL CURRENT CREDITS:	92-96	TOTAL P	ROPOSED CREDITS	:	
College Contact			Telephone No.		
E-Mail Address			Fax No.		
Chief Academic Officer or CTE Dean	Signature			Date	



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Community College Date												
CAREER LEARNING AREA												
☐ Ag, Food & Natural Resource Syste		LLA				<u> </u>						
☐ Arts, Information & Communication			☐ Health Services ☐ Human Resources									
☐ Business & Management							ng Systems					
							<i>y</i> - <i>y</i>					
	PROGRA	M IN	NFORM	ATIC	N							
<u>APPROVED</u>			APPRO				I <i>PPROVED</i>	<u>Current</u>				
Program Title		(T	CIP C lude 7 th & 8			Reco	gnition Award	Credits				
		fo	r OCCURS I	reportin	g.)							
		<u>6-d</u>	<u>ligit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>							
AS Area of Emphasis Title:							ociate of Applied	90-95				
Biology							ence Area of					
AS.PSUBIOLOGY						Emp	phasis					
Partnering Institution Name												
Portland State University												
Tortiana State Oniversity												
						_						
Last amendment approved on 02.16.18		000		4ENIS	MEN	ıT						
11	PE OF PRO (Che		L That Appl		MEN	41						
☐ New Agreement	□ Curric	ulun	ı Revisi	on		□ Rev	vision in Progran	n Credits				
						_						
						Propos	ed Total Credits:					
☐ SUSPENSION of Program	spensio	on:										
_ 000, <u></u>												
Suspension Effective Date:												
						-						

		CUI	RRICULUN	1 AMENDME	NT		
C	CURRENT CURRICULUI	<i>M 22-23</i>	?	P	ROPOSED CURRICULU	M 23-2	4
Course	Title	Hours	Credits	Course	Title	Hours	Credits
		Prog	gram Require	ements – First `	Year		
Fall Term	•	•	•			•	1
BI-211	General Biology for Science Majors (Cellular Biology)	77	5				
CH-221	General Chemistry	77	5				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term		_	_			-	-
BI-212	General Biology for Science Majors (Animal Biology)	77	5				
CH-222	General Chemistry	77	5				
WR-122 or	English Composition or	44	4	WR-122Z or	Composition II or	44	4
WR-227	Technical Report Writing			WR-227Z	Technical Writing		
	Core elective		4		Į		
Spring Term			•				
BI-213	General Biology for Science Majors (Plant Biology & Ecology)	77	5				
CH-223	General Chemistry	77	5				
COMM-111 or	Public Speaking or	44	4	COMM- 111Z	Public Speaking or	44	4
COMM-140	Introduction to Intercultural Communication			or COMM-140	Introduction to Intercultural Communication		
	Communication	Progra	am Requiren	nents – Second	Year	<u> </u>	<u> </u>
Fall Term		rrogn	arri requireri	ichts Second	i reai		
CH-241	Organic Chemistry I Or Science elective	77	5				
MTH-243	Statistics I	44-55	4-5	STAT-243Z	Elementary Statistics I	44-55	4-5
or MTH-251	Calculus I	77-33	7-3	or MTH-251	or Calculus I	77-33	4-3
PH-201	General Physics	70	5	11111-231	Calculus I		
	Core elective	70	3				
Winter Term			J			<u> </u>	<u>. </u>
CH-242	Organic Chemistry II or Science elective	77	5				
MTH-244	Statistics II	44-55	4-5				
Or MTH-252	or Calculus II						
	Core elective		3				
Spring Term							
CH-243	Organic Chemistry III Or Science elective	77	5-7				
	General Education Science Elective		4-5				
	Core elective		6				
Core Elective							
of Arts & Let	Education course in the respecters or Social Sciences listed in						
	science elective credits in G-20		G-203, PH-				
	3. Recommended: CH-242 & C cation Science Elective	H-243					
Any Gen Ed S	Science course in ASC, BI, CH,	ESR, G, G	S, PH, Z				

TOTAL CURRENT CREDITS: 90-95			TOTAL PROPOSED CREDITS:					
College Contact				Telephone No.				
E-Mail Address				Fax No.				
CTE Dean Signature					Date			

Clackamas Community College

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

College:

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

Date

CAREER LEARNING AREA												
☐ Ag, Food & Natural Resource System	ems	☐ Hea	alth S	ervice	ces							
☐ Arts, Information & Communication	☐ Arts, Information & Communications				☐ Human Resources							
☐ Business & Management ☐ Industria					ngineering Systems							
	PROGRA	M INFORM	ATIC	NC								
<u>APPROVED</u>		<u>APPRO</u>		?	<u>APPROVED</u>	<u>Current</u>						
Program Title		CIP C (Include 7 th & 8			Recognition Award	Credits						
		for OCCURS	reportin	g.)								
		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>								
AS Area of Emphasis Title:					Associate of Applied Science Area of	92						
AS.UOBIOLOGY	Biology AS.UOBIOLOGY				Emphasis	92						
Partnering Institution Name University of Oregon												
LAST AMENDMENT APPROVED ON 2/16/1	<mark>L8</mark>											
T)		OGRAM AN eck ALL That Appl		MEN	IT							
□ New Agreement	□ Curric	ulum Revisi	ion		☐ Revision in Program Credit							
					Proposed Total Credits:							
☐ <i>SUSPENSION</i> of Program	Reason for Su	spension:										
Suspension Effective Date:												

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Hours Course Title Hours Credits Course Title Credits Program Requirements – First Year Fall Term BI-211 General Biology for 77 5 Science Majors (Cellular Biology) 77 CH-221 **General Chemistry** 5 WR-121 **English Composition** 44 4 WR-121Z Composition I 4 Winter Term BI-212 General Biology for 77 5 Science Majors (Animal Biology) CH-222 General Chemistry 77 5 WR-122 **English Composition** 44 4 WR-122Z Composition II 4 Spring Term BI-213 General Biology for 77 5 Science Majors (Plant Biology & Ecology) CH-223 General Chemistry 77 5 CS-120 Survey of Computing 44-55 4 CS-120 Survey of Computing 44-55 4 or or or STAT-243 MTH-243 **Elementary Statistics I** Statistics I (recommended) (recommended) 4 Core electives Program Requirements - Second Year Fall Term CH-241 Organic Chemistry I 77 5 MTH-251 Calculus I 55 5 70 5 PH-201 **General Physics** Core electives 3 Winter Term CH-242 Organic Chemistry II 77 5 55 5 MTH-252 Calculus II 5 PH-202 **General Physics** 70 Spring Term CH-243 Organic Chemistry III 77 5 PH-203 **General Physics** 70 5 Core electives 3 Core Electives Any General Education course in the respective distribution areas of Arts & Letters or Social Sciences listed on p. 50 of this catalog. TOTAL CURRENT CREDITS: 92 **TOTAL PROPOSED CREDITS: College Contact Telephone No. E-Mail Address** Fax No.

Date

Chief Academic Officer or CTE Dean

Signature



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Community Coll	Date									
	ER LEA	RNING								
☐ Ag, Food & Natural Resource Systems		-		Service						
☐ Arts, Information & Communications		-		Resou						
☐ Business & Management		√ Inc	lustri	al & E	ngineering S	ystems				
PROG	RAM I	NFORM								
<u>APPROVED</u>		<u>APPRO</u>			<u>APPRO</u>		Curre			
Program Title	(In	CIP C		usad	Recognition	n Award	Cred	its		
	f	or OCCURS	reportin	ıg.)						
	<u>6-0</u>	<u>digit CIP</u>	<u>Zth</u> digit	<u>8th</u> digit						
AS Area of Emphasis Title:			<u> </u>	<u> </u>	Associate	e of	103			
Engineering – Chemical Engineering					Applied S					
AS.OSUCHEMENGR					Area of E	mphasis				
Partnering Institution Name										
Oregon State University										
Last amendment approved on 11.05.21										
TYPE OF	PROG	RAM A	MEN	IDME	NT					
	(Check	ALL That Ap	ply)							
☐ New Agreement ☐ Cu	ırriculu	ım Revi	sion		☐ Revision	on in Progr	am Cr	edits		
					Proposed 1	Total Credits	s:			
					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
☐ SUSPENSION of Program Reason	for Susper	nsion:								
Suspension Effective Date:										
					_					

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Course Title Hours Credits Course Title Hours Credits Program Requirements - 1st Year **Fall Term** COMM-111 **Public Speaking** 44 4 COMM-**Public Speaking** 111Z ENGR-111 Introduction to Engineering 33 3 MTH-251 55 Calculus I 5 WR-121 **English Composition** 44 4 44 WR-121Z Composition I 4 Winter Term CH-221 **General Chemistry** 77 5 ENGR-112 **Engineering Programming** 33 3 Calculus II MTH-252 55 5 WR-227 **Technical Report Writing** 44 4 **WR-227Z Technical Writing** 44 **Spring Term** CH-222 **General Chemistry** 77 5 MTH-254 Vector Calculus 55 5 Social Processes elective 4 **Summer Term** CH-223 77 **General Chemistry** 5 MTH-256 44 **Differential Equations** 4 Program Requirements - 2nd Year **Fall Term** CH-241 Organic Chemistry I 77 5 ENGR-211 44 4 Statics PH-211 General Physics with 77 5 Calculus **Winter Term** CH-242 Organic Chemistry II 77 5 MTH-253 55 5 Calculus III PH-212 General Physics with 77 5 Calculus **Spring Term** CH-243 Organic Chemistry III 77 5 ENGR-201 **Electrical Fundamentals** 66 4 PH-213 General Physics with 5 77 Calculus Western Culture elective 4 Social Processes Elective **ANT-103**; EC-201, 202; HST-101, 102, 103; **PS**-201, 204, 205, 225; **PSY-**200, 205, 219, 231; SOC-204, 205, 206; Western Culture Elective ART-204, 205, 206; **ENG**-107, 108, 109, 201, 202, 204, 205, 250, 251, 253, 254, 255; **GEO**-208; **HST**-101, 102, 103, 132, 201, 202, 203; **PHL**-102; **R**-204; Optional: While not required for the A.S. degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Oregon State

University. The Bachelor of Science degree requires the completion of one course from each category below.

Cultural Diversity Elective

ANT-232;						
ENG -213, 252;						
GEO -110;						
R- 101, 102, 103, 210;						
Literature and the Arts Electi	ve					
ART -101, 204, 205, 206; ENG -104, 105, 106, 107, 10 213, 226, 230, 241, 250, 257 MUS -105, 205, 206;						
Difference, Power, and Disc	rimination Elective					
HST -201, 202, 203; SOC -225;						
Biological Science Elective						
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;	5, 176, 177, 204, 211, 212,	213, 234;				
Physical Education Elective						
HPE -295;						
TOTAL CURRENT CREE	DITS:	103	TOTAL P	ROPOSED CREDITS:		
College Contact				Telephone No.		
E-Mail Address				Fax No.		
Chief Academic Officer <i>or</i> CTE Dean Signature					Date	



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	y College	<u> </u>				Date					
	CAREER		DAITA								
	CAREER	LEA									
☐ Ag, Food & Natural Resource Syste				alth Se							
☐ Arts, Information & Communicatio	ns		_	man Re							
☐ Business & Management			√ Inc	dustrial	& Eı	ngineerin	g Systems				
PROGRAM INFORMATION											
PROGRAM INFORMATION											
<u>APPROVED</u> Program Title			APPRO CIP C				<u>PROVED</u> ition Award	Current Credits			
Program ride		(Incl	ude 7 th & 8	3 th digits u	sed	Recogn	ition Awaru	Credits			
			OCCURS	reporting.) 8 th						
		<u>0-01</u>	git CIP		<u>o</u> digit						
AS Area of Emphasis Title:						Assoc	iate of	100-			
Engineering - Civil Engineering							ed Science	101			
AS.OSUCIVILENGR						Area	of Emphasis				
Partnering Institution Name											
Oregon State University											
Last amendment approved on 12.02.22											
	PE OF PR	ROG	RAM A	MEND	ME	NT					
	_		LL That Ap								
□ New Agreement	□ Currio	culu	m Revi	sion		□ Rev	ision in Prog	ram Credits			
						Propose	ed Total				
						Credits	•				
☐ <i>SUSPENSION</i> of Program	uspens	sion:									
_											
Suspension Effective Date:											

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM			the Proposed Curricul	PROPOSED CURRIC	TULUM 23-2	24
Course	Title	Hours	s Credit	s Course	Title	Hours	Credits
		Pro	ogram Requ	uirements – 1 st \	/ear		
Fall Term		_	-				-
CH-221	General Chemistry	77	5				
ENGR-111	Introduction to Engineering	33	3				
MTH-251	Calculus I	55	5				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term	1			_			
CDT-103	Computer-Aided Drafting I	66	3				
CH-222	General Chemistry	77	5				
ENGR-112	Engineering Programming	33	3				
MTH-252	Calculus II	55	5				
Spring Term	ı ¯	_	_	-	-	-	_
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4
EC-201	Principles of Economics: MICRO	44	4				
MTH-254	Vector Calculus	55	5				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4
Summer Tei							
GIS-201	Introduction to Geographic Information Systems	66	3				
MTH-256	Differential Equations	44	4				
		_	ogram Regu	uirements - 2 nd	Year		
Fall Term			9				
ENGR-211	Statics	44	4		I		T
MTH-253	Calculus III	55	5				
PH-211	General Physics with Calculus	77	5				
	Western Culture elective		4				
Winter Term		-		•	•		
ENGR-212	Dynamics	44	4				
CS-161	Computer Science I	44	4				
PH-212	General Physics with Calculus	77	5				
Spring Term	-			_			
ENGR-213	Strength of Materials	44	4	T	T	T	T
PH-213	General Physics with Calculus	77	5				
	Literature and the Arts Elective		3-4				
Litoratura		1					
	d the Arts Elective						
ART -101, 20 FNG -104 10	14, 205, 206; 105, 106, 107, 108, 109, 194, 195	201 20	2 204 205				
	0, 241, 250, 251, 252, 253, 254,			' 			
MUS -105, 20			· · ·				
Western Cu	Iture Elective						
ART -204, 20 ENG -107, 10 GEO -208;	5, 206; 08, 109, 201, 202, 204, 205, 250	, 251, 25	3, 254, 255	;			
HST -101, 10 PHL -102;	2, 103, 132, 201, 202, 203;						
	nile not required for the A.S. degr						
	ditional coursework at CCC that s for the Bachelor of Science deg						

University. The Bachelor of completion of one course from		:				
Cultural Diversity Elective						
ANT -232; ENG -213, 252; GEO -110; R -101, 102, 103, 210;						
Difference, Power, and Disc	rimination Elective					
HST -201, 202, 203; SOC -225;						
Biological Science Elective						
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;	75, 176, 177, 204, 211, 212,	213, 234;				
TOTAL CURRENT CREE	DITS:	100-101	TOTAL P	ROPOSED CREDITS:		
College Contact				Telephone No.		
E-Mail Address				Fax No.		
Chief Academic Officer <i>or</i> CTE Dean Signature					Date	



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Community College Date										
	CADEED	IEA	DNITNI	ADI	ΕΛ					
CAREER LEARNING AREA ☐ Ag, Food & Natural Resource Systems ☐ Health Services										
☐ Arts, Information & Communication		☐ Human Resources								
☐ Business & Management)113		,			ingineering Systems				
			V 1110	145611	<u> </u>	inginicering bysteins				
PROGRAM INFORMATION										
<u>APPROVED</u>			APPRO			<u>APPROVED</u>	Curr			
Program Title		(Total	CIP C ude 7 th & 8			Recognition Award	Credi	its		
		fo	r OCCURS	reportin	ıg.)					
		<u>6-d</u>	igit CIP	<u>Z</u> h digit	<u>8th</u> digit					
AS Area of Emphasis Title:						Associate of				
Engineering – Civil						Applied Science	95-9	6		
AS.PSUCIVILENGR						Area of Emphasis				
Daving Institution Name										
Partnering Institution Name Portland State University										
Portional State University										
Last amendment approved on 01.21.22										
IY	PE OF PF (CI		RAM A LL That Ap		IDME	:N I				
☐ New Agreement	□ Curri	culu	m Revi	sion		☐ Revision in Program Credits				
						Proposed Total Cred	ite:			
						Proposed Total Cred	i.s.			
☐ <i>SUSPENSION</i> of Program	Reason for S	Suspens	sion:			•				
Suspension Effective Date:										

	[List in a D	efined Seque	nce of Courses	AMENDM Format, e.g., Quart Proposed Curricul	er-to-quarter mapping.					
	CURRENT CURRICULUM		ii, complete trie	PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours	Credits			
	quirements – First Year	Heare	Ground	Goules	1100	1100.10	Ground			
Fall Term										
CH-221	General Chemistry	77	5							
ENGR-111	Introduction to Engineering	33	3							
MTH-251	Calculus I	55	5							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
Winter Term		=	-							
CH-222	General Chemistry	77	5							
ENGR-112	Engineering Programming	33	3							
MTH-252	Calculus II	55	5							
Spring Term			-							
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4			
MTH-254	Vector Calculus	55	5							
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4			
	Arts & Letters elective		4							
Program Red	quirements - Second Year									
Fall Term										
ENGR-211	Statics	44	4							
GIS-201	Introduction to Geographic Information Systems	66	3							
PH-211	General Physics with Calculus	70	5							
	Social Science elective		4							
Winter Term										
CDT-103	Computer-Aided Drafting I	66	3							
ENGR-212	Dynamics	44	4							
MTH-256	Differential Equations	44	4							
PH-212	General Physics with Calculus	70	5							
Spring Term										
ENGR-213	Strength of Materials	44	4							
MTH-261	Linear Algebra	44	4							
PH-213	General Physics with Calculus	70	5							
	Arts & Letters or Social Science elective		3-4							
Arts & Letter	rs Electives									
that native spe foreign language journalism, mu The accepted of ART-101, 205, J-211; MUS-105, 141, TA-101, 102; Social Scien All courses in A Recommend Take Plane Sur year at PSU. Th	, 205, 206, 230; CE Electives ANT, EC, GEO, HST, PS, PSY, SOC, S led: Eveying (CE-211/CS-212) at PSU before course is offered in the spring and	300 level or ded courses in uirement. SC, and WS Tore beginning summer	n art, ng junior terms at							
or Social Science		aitional Arts		TOTAL ST	2000000 0000170		ı			
TOTAL CUI	RRENT CREDITS:		95-96	TOTAL PR	POPOSED CREDITS:					

College Contact	Eric Lee	Telephone No.	6163	
E-Mail Address		Fax No.		
Chief Academic			Date	
Officer or CTE Dean				
Signature				



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	Date									
CAREER LEARNING AREA										
☐ Ag, Food & Natural Resource Syste	ems		☐ He	alth S	ervic	es				
☐ Arts, Information & Communication	ons		☐ Hu	man l	Reso	urces				
☐ Business & Management			√ Inc	dustri	al & I	Engineerin	g Systems			
PROGRAM INFORMATION										
<u>APPROVED</u> Program Title	le (In			APPROVED CIP Code Include 7 th & 8 th digits used for OCCURS reporting.) Indigit CIP			R <u>OVED</u> gnition vard	Current Credits		
AS Area of Emphasis Title: Engineering – Computer AS.PSUCOMPENGR	Engineering – Computer					Appli	ice Area of	100-101		
Partnering Institution Name Portland State University										
Last amendment approved on 01.21.22		000		MEN	DM	-NIT				
'4	PE OF PR		KAM A LL That Ap		DMI	=N I				
□ New Agreement			m Revi			Revision	on in Progr	am Credits		
					7	Proposed 1	otal Credit	5:		
□ SUSPENSION of Program	Reason for Su	uspens	ion:							
Suspension Effective Date:										

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

	CURRENT CURRICULUM	1 22-23		P	PROPOSED CURRICU	JLUM 23-24	4
Course	Title	Hours	Credits	Course	Title	Hours	Credits
		Progra	am Require	ments – First `	Year		
			Fall	Term			
CH-221	General Chemistry	77	5				
CS-161	Computer Science I	44	4				
ENGR-111	Introduction to Engineering	33	3				
MTH-251	Calculus I	55	5	<u></u>	<u> </u>	Ļ	
00.400		1 44		r Term			T
CS-162 ENGR-112	Computer Science II	44	4				
ENGR-112 ENGR-171	Engineering Programming	33	3				
MTH-252	Digital Logic Calculus II	66 55	5				
IVI I I I-232	Calculus II	33		Term		-	
COMM-111	Public Speaking	44	4	COMM-	Public Speaking	44	4
COMM-111	Tublic opeaking	77	7	111Z	1 ubile opeaking	77	7
ENGR-271	Digital Systems	66	4				
MTH-261	Linear Algebra	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
			Summ	er Term			
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4
Or WR-227	Or			Or WR-227Z	Or Tachnical Writing		
VVR-221	Technical Report Writing	Drogram	n Poquirom	ents – Second	Technical Writing		
		Prograi	•	Term	ı Tedi		
ENGR-221	Electrical Circuit Analysis I	33	4		Ī	T	I
PH-211	General Physics with	77	5				
2	Calculus	1 ' '	Ü				
	Arts & Letters elective		4				
			Winte	r Term			
ENGR-222	Electrical Circuit Analysis II	66	4				
MTH-256	Differential Equations	44	4				
PH-212	General Physics with	77	5				
	Calculus						
	Social Science elective		4	T			
ENGR-223	Floatrical Circuit Analysis III	66		g Term	<u> </u>	- 1	I
MTH-253	Electrical Circuit Analysis III Calculus III	55	5				
PH-213	General Physics with	77	5				
111-210	Calculus	' '					
-	Arts & Letters or Social		3-4			i	
	Science elective						
		Arts & Le	tters or Soc	cial Science E	lectives		
Arts & Lette							
	ASL, COMM, ENG, FR, GER, HUM, F						
•	eakers should only take advanced (e courses. Non-performance based		•				
	usic, and theater also meet this req		ait,				
-	courses at CCC are:						
ART -101, 205,							
J-211;	205 206 202						
	., 205, 206, 230;						
TA-101, 102; Social Scien	200						
				<u> </u>			
	ANT, EC, GEO, HST, PS, PSY, SOC, S	SC, and WS	-				1
TOTAL CU	RRENT CREDITS:		100-101	TOTAL PR	OPOSED CREDITS:		

College Contact	Telephone N	lo.	
E-Mail Address	Fax No.		
Chief Academic		Date	
Officer or CTE Dean			
Signature			



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	Date										
CAREER LEARNING AREA											
☐ Ag, Food & Natural Resource Syste	es	s									
☐ Arts, Information & Communicatio	ns			man							
☐ Business & Management ☐ Industrial & Engineering Systems											
PROGRAM INFORMATION											
APPROVED			PROVE			APPROVED	Current				
Program Title		CIP	Code	_		Recognition Award	Credits				
			ude 7 th & 8 CCURS rep		used						
			igit CIP	<u>Zth</u>	8th						
AS Area of Emphasis Title				<u>digit</u>	<u>digit</u>	Accociate of Applied	97-98				
AS Area of Emphasis Title: Computer Science						Associate of Applied Science Area of	97-98				
AS.PSUCOMPSCI						Emphasis					
AS.I SOCOMI SCI											
Partnering Institution Name											
Portland State University											
,											
ast amendment approved on 11/4/22											
TY	PE OF PR		RAM A		DME	NT					
☐ New Agreement	□ Curri	culu	m Revi	sion		☐ Revision in Pro	ogram Credits				
	_						9				
						Proposed Total Cre	dits:				
☐ SUSPENSION of Program	uspens	sion:									
Suspension Effective Date:											
						_					

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section colvi-

C	URRENT CURRICULUM			e Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24						
Course	Title	Hour	Credits	Course	Title	Hours	Credits			
		s								
- " -		Pro	gram Require	ements – First	Year					
Fall Term	0	4.4	1 4	_			ı			
CS-160	Computer Science Orientation	44	4							
CS-161	Computer Science I	44	4							
MTH-251	Calculus I	55	5							
Winter Term		-	-			_				
CS-162	Computer Science II	44	4							
MTH-252	Calculus II	55	5							
	Science electives		4							
Spring Term			•	_			Ī			
CS-140L	Linux for Programmers	44	4							
CS-260	Data Structures	44	4							
MTH-253	Calculus III	55	5			+				
	Race, Ethnicity and Systemic Oppression		4							
	electives									
Summer Term										
COMM-111	Public Speaking	44	4	COMM-	Public Speaking	44	4			
MTUOC	1 · Al ·	4.1		111Z						
MTH-261	Linear Algebra	44	4	WD 4047	0 " 1	4.4	4			
WR-121	English Composition Arts & Letters or Social	44	4	WR-121Z	Composition I	44	4			
	Science electives		4							
		Progr	am Requiren	nents – Second	d Year					
Fall Term		J								
BI-211	General Biology for Science	77	5							
or	Majors (Cellular Biology)									
CH-221 or	or General Chemistry									
PH-211	or									
	General Physics with									
CS-205	Calculus	4.4	4							
CS-205	System Programming and Architecture	44	4							
	Arts & Letters or Social		4							
	Science electives									
Winter Term										
BI-212	General Biology for Science	77	5							
or CH-222	Majors (Animal Biology) or									
or	General Chemistry									
PH-212	or									
	General Physics with Calculus									
CS-250	Discrete Structures I	44	4		†	+				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4			
Spring Term	<u> </u>				<u> </u>					
BI-213	General Biology for Science	77	5							
or CH 222	Majors (Plant Biology &									
CH-223 or	Ecology) or									
PH-213	General Chemistry									
	or									
	General Physics with Calculus									
CS-251	Discrete Structures II	44	4			+				
	_ :: 5: 5: 5		<u> </u>							

	Computer S	Science ded electives	3	3-4				
Arts & Letters E	Electives			•				
Non-performance based courses in the prefixes of: ART, J, MUS, TA Any 100 level or above course in the prefixes of: ASL, COMM, ENG, FR, GER, HUM, PHL, SPN, WR Native speakers should only take advanced (300-level or above) world language courses.								
Social Science	Electives							
		urse in the prefixes PSY, SOC, SSC, V						
Race, Ethnicity	, and Syste	mic Oppression Ele	ectives					
ES-211, ES-22	1, ES-241							
Computer Scien	nce Elective	es						
Any CS course	not already	included in the pro	gram					
Science Electiv	es/es							
Any General Ed ESR, G, and Pl		ience course in the	prefixes o	f: BI, CH,				
TOTAL CURRENT CREDITS: 97-98					TOTAL PI	ROPOSED CREDITS:		
College Contact Jen Miller/Rich Albers						Telephone No.		
E-Mail Address						Fax No.		
Chief Academic Officer <i>or</i> CTE Dean Signature							Date	

Clackamas Community College

Phone: (503) 378-3600 FAX: (503) 378-5156



College:

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

Date

CAREER LEARNING AREA										
☐ Ag, Food & Natural Resource Systems ☐ Health Services										
☐ Arts, Information & Communicati	☐ Arts, Information & Communications ☐ Human Res									
☐ Business & Management		√ Industrial & Engineering Systems								
PROGRAM INFORMATION										
<u>APPROVED</u>			<u>APPRO</u>)	<u>APPROVED</u>	Curr			
Program Title		/Tmc	CIP C lude 7 th & 8			Recognition Award	Cred	its		
		fo	r OCCURS	reportin	ıg.)					
		<u>6-a</u>	<u>igit CIP</u>	<u>Zth</u> digit	<u>8th</u> digit					
AS Area of Emphasis Title:						Associate of				
Engineering – Construction						Applied Science	95-9	7		
Engineering Management						Area of Emphasis				
AS.OSUCONENRMGT										
Partnering Institution Name										
Oregon State University										
Elective credits changed during catalog edits, NOT APP	DOVED.									
Last amendment approved on 12.02.22	KOVED									
T	YPE OF PI		RAM A		IDME	ENT				
□ New Agreement	□ Curri	culu	m Revi	sion		☐ Revision in Program Credit				
						Proposed Total Credi	ts:			
☐ <i>SUSPENSION</i> of Program	Reason for S	Suspens	sion:							
						<u> </u>				
Suspension Effective Date:										
	·									

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

CURRENT CURRICULUM 22-23 PROPOSED CURRICULUM 23-2							1
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
		Pro	gram Require	ements – 1 st Ye	ear		
Fall Term	Canadal Chamistry	77	T c	•	1	- 1	1
CH-221 ENGR-111	General Chemistry Introduction to Engineering	77 33	5 3				
MTH-251	Calculus I	55	5			_	
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term		1 44	<u> </u>	VVIX-1212	Composition i	44	7
BA-226	Business Law I	44	4		I	Т	ı
CDT-103	Computer-Aided Drafting I	66	3				
ENGR-112	Engineering Programming	33	3				
MTH-252	Calculus II	55	5				
Spring Term				_			
EC-201	Principles of Economics: MICRO	44	4				
EC-202	Principles of Economics: MACRO	44	4				
	Biological Science elective		4-5				
	Literature and the Arts elective		3-4				
		Prog	ram Require	ements – 2 nd Y	ear		
Fall Term							
CS-161	Computer Science I	44	4				
ENGR-211	Statics	44	4				
HPE-295	Health & Fitness for Life	60	3				
PH-211	General Physics with Calculus	77	5				
Winter Term							
BA-315/BA- OSU	Accounting for Decision Making (online through OSU)		4				
PH-212	General Physics with Calculus	77	5				
PHL-102	Ethics	44	4				
	Cultural Diversity elective		4				
Spring Term		_	_			-	
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4
ENGR-213	Strength of Materials	44	4				
ENGR- 390/ENGR- OSU	Engineering Economy (online through OSU)		3				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4
Cultural Dive	ersity Elective						
ART -101, 204 ENG -104, 10 213, 226, 230 MUS -105, 20	103, 210; 104 the Arts Elective 14, 205, 206; 15, 106, 107, 108, 109, 194, 195, 109, 194, 195, 109, 241, 250, 251, 252, 253, 254, 255, 206;						
	cience Elective	044 040	040 004				
BI -101, 102, ESR -171, 172 Z -201, 202, 2		211, 212	, 213, 234;				

Catalog Notes						
Optional: While not required complete additional coursew requirements for the Bachelo University. The Bachelor of Scompletion of one course fro	ork at CCC that will meet or of Science degree at Ore Science degree requires the	gon State				
Difference, Power, and Dis	crimination Elective					
HST- 201, 202, 203;						
SOC- 225;						
TOTAL CURRENT CREE	DITS:	95-97	TOTAL P	ROPOSED CREDITS	:	
College Contact				Telephone No.		
E-Mail Address				Fax No.		
Chief Academic					Date	
Officer or CTE Dean						
Signature						



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	y College				Date				
	CADEED		DAITAIC	AD	- A				1
	CAREER	LEA							
☐ Ag, Food & Natural Resource Syste					ervic				
☐ Arts, Information & Communicatio	ns		☐ Hu	man l	Resou	irces			
☐ Business & Management			√ Inc	lustri	al & E	ngineerin	g Systems		
	DDOCD AL	14 TN	IFORM	A TT/	201				1
	PROGRAI	M TI				4.00	501/55		-
APPROVED			<u>APPRO</u>				ROVED	Current Credits	
Program Title		(Incl	CIP C ude 7 th & 8		used		gnition ward	Credits	
		fo	r OCCURS I	reportin	g.) 8 th	AV	waiu		
		<u>6-a</u>	igit CIP	<u>digit</u>	<u>aigit</u>				
AS Area of Emphasis Title:						Associate	e of Applied		1
Engineering – Ecological Engine	erina					Science A		102-103	
AS.OSUECOLENGR	9					Emphasis	S		
Partnering Institution Name									
Oregon State University									
,									
Last amendment approved on 12.02.22									
	PE OF PE	206	DAM A	MEN	DME	NT			
.,,	_		LL That Ap		DIME	:14 1			
□ New Agreement	□ Curri	culu	m Revi	sion		☐ Rev	ision in Pro	gram Credit	S
							ed Total		
						Credits:	ŀ		
	D								
☐ SUSPENSION of Program	Reason for S	uspens	sion:						
				_					
Suspension Effective Date:									

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUI	1 22-23		PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours	Credits			
		Prog	ram Require	ements – 1 st Y	ear					
Fall Term										
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4			
ENGR-111	Introduction to Engineering	33	3							
MTH-251	Calculus I	55	5							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
Winter Term			_	_						
CH-221	General Chemistry	77	5							
ENGR-112	Engineering Programming	33	3							
MTH-252	Calculus II	55	5							
	Literature and the Arts Elective		3-4							
Spring Tern										
CH-222	General Chemistry	77	5							
MTH-254	Vector Calculus	55	5							
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4			
Summer Te				_						
CH-223	General Chemistry	77	5							
MTH-256	Differential Equations	44	4							
		Prog	ram Require	ements - 2 nd Y	ear					
Fall Term		1	T ,				1			
ENGR-211	Statics	44	4							
PH-211	General Physics with Calculus	77	5							
	Cultural Diversity Elective		4							
	Difference, Power, and Discrimination Elective		4							
Winter Term										
CS-161	Computer Science I	44	4							
HPE-295	Health and Fitness for Life	60	3							
MTH-253	Calculus III	55	5							
PH-212	General Physics with Calculus	77	5							
Spring Term	1	_	_							
ENGR-213	Strength of Materials	44	4							
PH-213	General Physics with Calculus	77	5							
PHL-102	Ethics	44	4							
Literature a	nd the Arts Elective									
	05, 106, 107, 108, 109, 194, 195 0, 241, 250, 251, 252, 253, 254,									
	ersity Elective									
ANT- 232; ENG -213, 25										
GEO- 110;	400 040									
R-101, 102,		-41								
HST- 201, 20	Power, and Discrimination Elency, 203;	ctive								
SOC-225;	IDDENT CREDITS:		100 100	TOTAL DO	ODOSED CREDITS:		1			
IUIAL CU	RRENT CREDITS:		102-103	TOTAL PR	OPOSED CREDITS:		<u> </u>			

College Contact	Telephone N	lo.	
E-Mail Address	Fax No.		
Chief Academic		Date	
Officer or CTE Dean			
Signature			



COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	y College	e				Date			
	CAREER	LEA							
☐ Ag, Food & Natural Resource Syste					ervic				
☐ Arts, Information & Communication	ns	☐ Human Resources							
☐ Business & Management			√ Inc	lustri	al & E	ngineerin	g Systems		
	PROGRA	M IN	IFORM	ATIO	ON				
<u>APPROVED</u>			APPRO	OVED		APF	PROVED	Curr	ent
Program Title		Recogn	ition Award	Credi	its				
			ude 7 th & 8 r OCCURS i		g.)				
		<u>6-d</u>	igit CIP	<u>Zth</u> <u>digit</u>	<u>8th digit</u>				
AS Area of Emphasis Title: Engineering – Electrical Engineer AS.OITELECENGR	ering	Г		<u>uigit</u>	<u>uigit</u>	Appli	ciate of ed Science of Emphasis	105-:	107
Partnering Institution Name Oregon Institute of Technology (Oregon Tech)									
Last amendment approved on 01.29.21									
TY	PE OF PF		RAM A LL That Ap		DME	NT			
□ New Agreement	□ Curri	culu	m Revi	sion		□ Rev	vision in Prog	jram C	redits
						Propos	<i>ed</i> Total Credi	ts:	
□ SUSPENSION of Program	Reason for S	Suspens	sion:						
Suspension Effective Date:									

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Course Title Hours Credits Course Title Hours Program Requirements – 1st Year **Fall Term** CH-221 General Chemistry 77 5 CS-161 Computer Science I 44 4 ENGR-111 Introduction to Engineering 33 3 MTH-251 Calculus I 55 5 Winter Term CH-222 **General Chemistry** 77 5 ENGR-112 **Engineering Programming** 33 3 ENGR-171 Digital Logic 66 4 MTH-252 Calculus II 55 5 **Spring Term** COMM-111 **Public Speaking** 44 **Public Speaking** 4 COMM-44 4 111Z ENGR-271 Digital Systems 66 4 MTH-261 Linear Algebra 44 4 44 4 WR-121 **English Composition WR-121Z** Composition I 44 4 **Summer Term** WR-227 **Technical Report Writing** 44 WR-227Z **Technical Writing** 44 4 4 Social Science Elective 3-4 Program Requirements - 2nd Year **Fall Term** ENGR-221 Electrical Circuit Analysis I 33 4 MTH-254 Vector Calculus 55 5 PH-211 General Physics with 70 5 Calculus **Humanities or Social Science** 3-4 Elective **Winter Term ENGR-222** Electrical Circuit Analysis II 66 4 MTH-256 **Differential Equations** 44 4 PH-212 General Physics with 70 5 Calculus WR-122 **English Composition** 44 4 **WR-122Z** Composition II **Spring Term ENGR-223** Electrical Circuit Analysis III 66 MTH-253 5 Calculus III 55 PH-213 General Physics with 70 5 Calculus **Track Requirements Social Science Electives** Choose courses from the following subjects: ANT, EC, GEO, HST, PS, PSY, SOC, SSC, WS **Humanities Electives** Choose courses from the following subjects: ART, ASL (200-level), ENG, FR (200-level), GER (200-level), HUM, MUS, PHL, R, SPN (200-level), TA Optional: While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Institute of Technology and is listed below. COMM-219 Up to 9 additional Social Science Elective credits from the list above Up to 6 additional Humanities Elective credits from the list above **TOTAL CURRENT CREDITS:** 105-107 **TOTAL PROPOSED CREDITS:**

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Officer	or CTE Dean Signature		Date	



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	y College	e				Date					
	CAR	. = -	DAITA								
	CAREER	LEA									
Ag, Food & Natural Resource System					ervic						
☐ Arts, Information & Communicatio	ns		-		Resou						
☐ Business & Management			√ Inc	lustri	al & E	ngineering Systems					
	PROGRAI	M IN	IFORM	ATIO	ON						
APPROVED Program Title CIP Code (Include 7th & 8th digits used for OCCURS reporting.) 6-digit CIP Associate of APPROVED Recognition Award Current Credits Associate of											
AS Area of Emphasis Title: Engineering – Electrical Engineering AS.OSUELCOMPENGR					Associate of Applied Science Area of Emphasis	102					
Partnering Institution Name Oregon State University											
Last amendment approved on 11.05.21											
TY	PE OF PF		RAM A		DME	NT					
□ New Agreement	□ Curri	culu	m Revi	sion		☐ Revision in Prog	ram Credits				
						Proposed Total Credi	ts:				
□ SUSPENSION of Program	Reason for S	Suspens	sion:				•				
Suspension Effective Date:											

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM		n, complete the	Proposed Curricul	um section only.] PROPOSED CURRICULU	IM 23-24	!
Course	Title	Hours	Credits	Course	١	Hours	Credits
		Broar	am Boquiro	ments – First	Title		
Fall Term		Flogia	am Kequire	ilielits – i ilist	1 Gai		
CS-161	Computer Science I	44	4		T	т т	
ENGR-111	Introduction to Engineering	33	3				
MTH-251	Calculus I	55	5				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term							
CH-221	General Chemistry	77	5	I	1	1	
CS-162	Computer Science II	44	4				
ENGR-112	Engineering Programming	33	3				
MTH-252	Calculus II	55	5				
Spring Term		_					
CS-260	Data Structures	44	4				
MTH-253	Calculus III	55	5				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4
	Social Processes elective		4				
Summer Ter	m						
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4
MTH-256	Differential Equations	44	4				
		Prograr	n Requirem	ents – Secon	d Year		
Fall Term							
ENGR-221	Electrical Circuit Analysis I	33	4				
MTH-254	Vector Calculus	55	5				
PH-211	General Physics with Calculus	77	5				
Winter Term							
ENGR-171	Digital Logic	66	4				
ENGR-222	Electrical Circuit Analysis II	66	4				
MTH-231	Elements of Discrete Mathematics	44	4				
PH-212	General Physics with Calculus	77	5				
Spring Term							
ENGR-223	Electrical Circuit Analysis III	66	4				
PH-213	General Physics with Calculus	77	5				
	Western Culture elective		4				
ANT-103; EC-201, 202; HST-101, 10: PS-201, 204, PSY-200, 20: SOC-204, 20 Western Cul ART-204, 20 ENG-107, 10 GEO-208; HST-101, 10: PHL-102; R-204;	2, 103; , 205, 225; 5, 219, 231; 5, 206; Iture Elective						
complete add	illie not required for the A.S. deg ditional coursework at CCC that v for the Bachelor of Science deg	will meet	•				

University. The Bachelor of completion of one course from						
Cultural Diversity Elective						
ANT-232; ENG-213, 252; GEO-110; R-101, 102, 103, 210;						
Literature and the Arts Ele	ctive					
ART -101, 204, 205, 206; ENG -104, 105, 106, 107, 10 213, 226, 230, 241, 250, 25 MUS -105, 205, 206;	08, 109, 194, 195, 201, 202, 2 1, 252, 253, 254, 255, 260, 2					
Difference, Power, and Dis	scrimination Elective					
HST -201, 202, 203; SOC -225;						
Biological Science Electiv	e					
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;	75, 176, 177, 204, 211, 212, 3	213, 234;				
Physical Education Elective	/e					
HPE- 295;						
TOTAL CURRENT CREI	DITS:	102	TOTAL P	ROPOSED CREDITS:		
College Contact				Telephone No.		
E-Mail Address				Fax No.		
Chief Academic Officer <i>or</i> CTE Dean Signature					Date	



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	ollege: Clackamas Community College						
	CAREER LEA	RNING ARE	Α				
☐ Ag, Food & Natural Resource System	ems	☐ Health S	ervice	s			
☐ Arts, Information & Communication	ons	☐ Human F	Resour	ces			
☐ Business & Management		√ Industria	al & Engineering Systems				
	<u>PROGRAM II</u>	NFORMATIO	N				
<u>APPROVED</u> Program Title	fo	APPROVED CIP Code lude 7 th & 8 th digits or OCCURS reporting ligit CIP Zh digit	used	Recog	R <u>OVED</u> gnition vard	Currei Credits	nt
AS Area of Emphasis Title: Engineering – Electrical AS.PSUELECTENGR				Appli	ce Area of	105-10	6
Partnering Institution Name Portland State University Last amendment approved on 01.21.22							
	PE OF PROG (Check A	RAM AMEN	DME	TV			
□ New Agreement	☐ Curriculu Revision	m	□ Re	vision ir	n Program	Credits	
			Propo	<i>sed</i> Total	Credits:		
□ SUSPENSION of Program	Reason for Suspen	sion:					
Suspension Effective Date:							

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM		<u></u>		PROPOSED CURRIC	<u>JEUIT EJ E</u>	. 7
Course	Title	Hours		Course	Title	Hours	Credits
		Prog		ements - First	Year		
		_		l Term			•
CH-221	General Chemistry	77	5				
CS-161	Computer Science I	44	4				
ENGR-111	Introduction to Engineering	33	3				
MTH-251	Calculus I	55	5				
				er Term	_		<u> </u>
CS-162	Computer Science II	44	4			_	
ENGR-112	Engineering Programming	33	3				
ENGR-171	Digital Logic	66	4			_	
MTH-252	Calculus II	55	5				
COMM-111	Dublic Speaking	44	ш	ng Term COMM-			1
	Public Speaking		4	111Z	Public Speaking	44	4
ENGR-271	Digital Systems	66	4				
MTH-261	Linear Algebra	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
	•			ner Term			
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4
Or WR-227	or Technical Report Writing			Or WR-227Z	or Technical Writing		
VVIX-221	reclinical Report Writing	Progr	am Require	ments - Second			
		riogi		l Term	a i cai		
ENGR-221	Electrical Circuit Analysis I	33	4			<u> </u>	1
MTH-254	Vector Calculus	55	5				
PH-211	General Physics with	77	5				
111-211	Calculus	1''	ľ				
	Arts & Letters elective	Ī	4				
			Wint	er Term			
ENGR-222	Electrical Circuit Analysis II	66	4				
MTH-256	Differential Equations	44	4				
PH-212	General Physics with Calculus	77	5				
	Social Science elective		4				
		=	Sprii	ng Term			=
ENGR-223	Electrical Circuit Analysis III	66	4				
MTH-253	Calculus III	55	5				
PH-213	General Physics with Calculus	77	5				
	Arts & Letters or Social Science elective		3-4				
		Arts & I	Letters or So	ocial Science E	lectives		
Arts & Letter	'S						
	ASL, COMM, ENG, FR, GER, HUM, F	PHL, SPN,	WR. Note				
•	eakers should only take advanced (•				
	e courses. Non-performance based						
	usic, and theater also meet this req	uirement	•				
ART-101, 205,	courses at CCC are:						
J-211;	200,						
	, 205, 206, 230;						
TA -101, 102;	· · · · · · · · · · · · · · · · · · ·						
		_		-			
Social Scien	<u>Ce</u>						
	ANT, EC, GEO, HST, PS, PSY, SOC, S	SC. and M	/S.	T			

College Contact	Telephone N	lo.	
E-Mail Address	Fax No.		
Chief Academic		Date	
Officer or CTE Dean			
Signature			



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communi	e: Clackamas Community College								
	CAREER	LEA	RNIN	G ARI	EA				
☐ Ag, Food & Natural Resource Syst	ems		□ He	alth S	Servic	es			
☐ Arts, Information & Communication	ons		☐ Hu	ıman	Resou	ırces			
☐ Business & Management			☐ In	dustri	al & E	ngineerin	g Systems		_
		4 75	FORM						-
PROGRAM INFORMATION									
<u>APPROVED</u>			APPR				PROVED	Current	
Program Title		(Incl	CIP (ude 7 th & 8	8 th digits	used	Recogn	ition Award	Credits	
		fo	OCCURS	reportin	g.) 8 th				
		<u>0-ui</u>	<u>yıl CIP</u>	<u>digit</u>	<u>digit</u>				
AS Area of Emphasis Title:						Assoc	ciate of		
English							ed Science	94-98	
AS.OSUENGLISH						Area	of Emphasis		
- · · · · · · · · · · · · · · · · · · ·									-
Partnering Institution Name Oregon State University									
oregon State oniversity									
									_
ast amendment approved on 02.07.2020									
TY	PE OF PR				DME	NT			
			LL That A						
☐ New Agreement	☐ Currio	cului	m Revi	ision		☐ Rev	vision in Prog	ram Credi	ts
						Branca	od Total Cuodit		
						Propos	ed Total Credit	S:	
☐ <i>SUSPENSION</i> of Program	Reason for Se	uspens	ion:						
Suspension Effective Date:									

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section only.]

	For a URRENT CURRICULUM			the Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24						
Course	Title	1 22-23 Hours	Credits	Course	Title	Hours	Credits			
Course	riue			ements – First \		Hours	Orealts			
Fall Term										
ASL-101	American Sign Language I	44	4							
or FR-101	or First-Year French I									
or SPN-101	or First-Year Spanish I									
HPE-295	Health & Fitness for Life	60	3							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
	Biological Science elective		4							
Winter Term										
ASL-102	American Sign Language	44	4							
or FR-102	or First-Year French II									
or SPN-102	or First-Year Spanish II									
MTH-105	Math in Society	44-55	4-5	MTH-105Z	Math in Society	44-55	4-5			
or MTH-111	or College Algebra			or MTH-111Z	or Precalculus I: Functions					
or MTH-112	or Trigonometry and Pre-			or MTH-112Z	or Precalculus II: Trigonometry					
or MTH-251	Calculus			or MTH-251	or Calculus I					
or	or Calculus I			or	or					
MTH-252	or Calculus II			MTH-252	Calculus II					
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4			
	200-level English elective		4							
Spring Term							_			
ART-206 or	History of Art/Enlightenment Through	33-44	3-4							
MUS-105	Contemporary Or									
101 100	Music Appreciation		_							
ASL-103 or	American Sign Language or	44	4							
FR-103	First-Year French III									
or SPN-103	or First-Year Spanish III									
	200-level English elective		4							
	Physical Science elective		4-5							
		Progra	am Requiren	nents – Second	Year					
Fall Term										
ASL-201 or	Second-Year American Sign Language I	44	4							
FR-201	or									
or	Second-Year French I									
SPN-201	or Second-Year Spanish I									
	English sequence or 200-		4							
	Level English elective									
	Biological Science or Physical Science		4-5							
	Speech elective		4							
Winter Term						•				
ASL-202 or	Second-Year American Sign Language II	44	4							
FR-202	or									
or	Second-Year French II									

SPN-202	or						
	Second-Year Spanish II						
	English sequence		4				
	Cultural Diversity elective		4				
	Social		4				
	Processes/Institutions elective						
Spring Term		<u> </u>					
ASL-203	Second-Year American	44	4		I	T	
or	Sign Language III	77	7				
FR-203	or						
or	Second-Year French III						
SPN-203	or Second-Year Spanish III						
HST-203	History of the United	44	4				
or	States	44	7				
SOC-225	or						
	Social Problems						
	English sequence or 200-		4				
	Level English elective						
	Western Culture electives		4				
	ience Electives						
	204, 211, 212, 213, 234						
	nglish Electives			_			
	02, 204, 205, 253, 254						
	ence Electives						
G -101, 102, 103, 103, 103, 103, 103, 103, 103, 103	103, 201, 202, 203;						
	, 123, 201, 202, 203, 211, 212,	, 213;					
CH- 221, 222		, ,					
	uence Options						
ENG -204 and	d ENG -205						
or	d ENC 254						
ENG-253 and							
Speech Elect COMM-111,				COMM 111	Z, 112, 218Z;		
WR-241, 242				WR-241, 24	12, 243:		
Cultural Dive					, ,		
R -101, 102, 1							
	sses/Institutions Elective						
ANT -103;							
EC -201, 202;							
HST-101, 102							
PS -201, 204, PSY -200, 205							
SOC-204, 20							
Western Cult							
ART -204, 20							
GEO -208;							
	2, 103, 201, 202, 203;						
PHL -102; PS -203;							
	RRENT CREDITS:		94-98	TOTAL P	ROPOSED CREDITS:		
College Co			J-7 - JU	IOIALFI	Telephone No.		
E-Mail Add					Fax No.		
	lemic Officer or CTE Dea	n				Date	
Signature							



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	Date								
	CADEED	EADNITA!	ADE	: A					
	CAREER L		alth S		200				
☐ Ag, Food & Natural Resource Syste☐ Arts, Information & Communication			man F				\dashv		
☐ Business & Management	,113				ngineering Systems		\dashv		
			1000.10		gg				
PROGRAM INFORMATION									
APPROVED Program Title CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.) 6-digit CIP Zh digit digit									
AS Area of Emphasis Title: English AS.PSUENGLISH Associate of Applied Science Area of Emphasis 95-99									
Partnering Institution Name Portland State University									
ast amendment approved on 02.04.22									
ТҮ	PE OF PRO (Che	OGRAM A eck ALL That Ap		DME	NT				
□ New Agreement	☐ Currice	ulum Revi	sion		☐ Revision in Pro	gram Cred	dits		
Proposed Total Credits:									
□ SUSPENSION of Program Reason for Suspension:									
Suspension Effective Date:									

CURRICULUM AMENDMENT
[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

	For a	a New Progra	m, complete the	Proposed Curricu			
C	URRENT CURRICULUI	1 22-23		Р	ROPOSED CURRICULUI	M 23-24	<i>‡</i>
Course	Title	Hours	Credits	Course	Title	Hours	Credits
		Prog	ram Require	ements – First \	Year		
Fall Term		T	T .			T	T
ASL-101 or	American Sign Language I or	44	4				
FR-101	First-Year French I						
or SPN-101	or First-Year Spanish I						
ENG-201	Shakespeare	44	4				
or ENG-204	or British Literature: Ancient to Enlightenment						
MTH-105	Math in Society	44-55	4-5	MTH-105Z	Math in Society	44-55	4-5
or	or			or	or		
MTH-111 or	College Algebra or			MTH-111Z or	Precalculus I: Functions or		
MTH-112	Trigonometry and Pre-			MTH-112Z	Precalculus II: Trigonometry		
or	Calculus			or	or		
MTH-251	or Calculus I			MTH-251	Calculus I		
or MTH-252	or			or MTH-252	or Calculus II		
	Calculus II			202	Carcarae II		
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term							
ASL-102	American Sign Language	44	4				
or FR-102	or First-Year French II						
or SPN-102	or First-Year Spanish II						
ENG-202	Shakespeare	44	4				
or	or		•				
ENG-205	British Literature:						
or ENG-253	Romantic to Contemporary or						
ENG-255	American Literature: Pre-						
	Columbian to Civil War						
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4
	Social Science Elective		3-4				
Spring Term						•	
ASL-103	American Sign Language	44	4				
or FR-103	or First-Year French III						
or	or						
SPN-103	First-Year Spanish III						
ENG-270	Introduction to Literary Criticism	44	4			<u> </u>	
WR-222	English Composition	44	4				
or	Or						
WR-240	Creative Nonfiction Writing I						
	Science Elective		4-5				
		Progra	am Requiren	nents – Second	l Year		
Fall Term							
ASL-201	Second-Year American	44	4				
or FR-201	Sign Language I or						
or	Second-Year French I						
SPN-201	or						
W/D 0 10	Second-Year Spanish I						
WR-248	Bookmaking: Design and Layout	44	4				
<u> </u>		I					

WR-140	Introduction to	o Writing	44	1					
Or	Creatively	o witting		•					
200-Level									
Creative									
Writing Elective									
Liective 	Social Science	e Flective		3-4					
Winter Term	Cociai Colorio	C LICOLIVE	,	, ,					
ASL-202	Second-Year	American	44	1		Т			
or	Sign Languag			•					
FR-202	or								
or	Second-Year	French II							
SPN-202	or Second-Year	Snanish II							
WR-241	Fiction Writing		44	1					
Or	Or	9 '		•					
WR-242	Poetry Writing								
WR-246	Editing & Pub			4					
WR-265	Digital Storyte	elling	44	1		<u> </u>			
Spring Term									
ASL-203	Second-Year		44	4					
or FR-203	Sign Languag	ge III							
or	Second-Year	French III							
SPN-203	or								
	Second-Year								
ENG-297	A.S. Degree I			1					
WR-244 or	Fiction Writing	g II	44	4					
WR-245	or Poetry Writing	a II							
or	Or	5 ··							
WR-247	Playwriting II								
or WR-263	or Screenwriting	. 11							
VIX-203	English electi			3					
Social Science	<u> </u>	10		,		_			
ANT-1 02;	DO LICOLIVO								
EC -201, 202;									
HST -101, 102	2, 103, 201, 202	2, 203;							
PS -200, 203,									
PSY -101, 205 SOC -204;	5,								
WS -101;									
Science Elec	tives								
	103, 112, 234;								
	, 106, 150, 221,	222, 223;							
ESR -171, 173 G -201, 202, 2									
	, 123, 201, 202,	203, 211, 212.	, 213;						
English Progr			·						
	5, 106, 107, 108								
	5, 226, 230, 250), 251, 252, 254	4, 255, 260, 2	261, 295;					
WR-268, 270		1							
	eative Writing E	iectives							
WR-240, 241	· · · · · · · · · · · · · · · · · · ·	NTC.)E 00	TOTAL O		CDEDITO		
	RRENT CRED	л1 5 :		95-99	TOTAL P		CREDITS:	l	
College Co						Telephor	ie No.		
E-Mail Add						Fax No.			
	emic Officer	or CTE Dea	n					Date	
Signature									



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Communit	Date								
									_
	CAREER	<u>LEA</u>							
☐ Ag, Food & Natural Resource Syste					ervic				_
☐ Arts, Information & Communication	ns				Resou				4
☐ Business & Management				lustri	al & E	ngineering Sy	stems		
PROGRAM INFORMATION									
<u>APPROVED</u>			APPRO	OVED		APPRO	VED	Curren	t
Program Title			CIP C			Recognitio	n Award	Credits	,
(Include 7 th & 8 th digits used for OCCURS reporting.)									
<u>6-digit CIP</u> <u>Zth <u>8th</u> <u>digit</u> <u>digit</u></u>									
AS Area of Emphasis Title:				uigit	uigit	Associate	of		
English						Applied S	_	91-96	
AS.UOENGLISH						Area of E	mphasis		
Partnering Institution Name									
University of Oregon									
Track requirement changed to General Elective during C Last amendment approved on 12.03.21	atalog edit wit	hout a	n amendme	ent or a	proval				
	PE OF PE	206	DAM A	MEN	DME	NT			
"			LL That Ap		DIME	IN I			
☐ New Agreement	☐ Curri	culu	m Revi	sion		☐ Revisio	n in Progi	ram Cred	lits
						Proposed T	otal Credit	s:	
☐ <i>SUSPENSION</i> of Program	Reason for S	Suspens	sion:						
_									
Suspension Effective Date:									

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section colvi-

	For CURRICULUI			Proposed Curricu	lum section only.] ROPOSED CURRICULU	M 23-24	1
Course	I	Clock	<u> </u>	Course	CONTROLL CONTROLL	Clock	<u></u>
Number	Course Title	Hours	Credits	Number	Course Title	Hours	Credits
Call Tarres		Prog	ıram Require	ements – First \	Year		
Fall Term ASL-101	American Sign Language I	44	4			Т	
or	or	' '	'				
FR-101	First-Year French I or						
or SPN-101	First-Year Spanish I						
MTH-105	Math in Society	44-55	4-5				
Or MTH-111	or College Algebra			MTH-105Z or	Math in Society or		
Or	or			MTH-111Z	Precalculus I: Functions		
MTH-112 Or	Trigonometry and Pre- Calculus			or MTH-112Z	or Precalculus II: Trigonometry		
MTH-251	or			or	or		
Or MTILL 050	Calculus I			MTH-251	Calculus I		
MTH-252	or Calculus II			or MTH-252	or Calculus II	44-55	4-5
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
WR-140	Introduction to Writing		4				
Or	Creatively Or						
	Arts & Letters Elective						
Winter Term		_	_			_	-
ASL-102 or	American Sign Language or	44	4				
FR-102	First-Year French II						
or	or						
SPN-102 ESR-172	First-Year Spanish II Environmental Science		4-5				
Or	Or		1 0				
	Science Elective		0.4				
 WR-122	Social Science Elective English Composition	44	3-4 4	WR-122Z	Composition II	44	4
Spring Term	English Composition	77	<u> </u>	VVIC-1ZZZ	Composition ii	77	7
ASL-103	American Sign Language	44	4			Π	
or FR-103	or First-Year French III						
or	or						
SPN-103	First-Year Spanish III						
ESR-173 Or	Environmental Science Or		4-5				
O1	Science Elective						<u> </u>
ENG-270	Introduction to Literary		4				
Or	Criticism Or						
	Arts & Letters Elective						
WR-222	English Composition	44	4				
Call Tarr		Progra	am Requiren	nents – Second	d Year		
Fall Term ASL-201	Second-Year American	44	4		I	1	I
or	Sign Language I						
FR-201	or Second-Year French I						
or SPN-201	or						
	Second-Year Spanish I						
ENG-204	British Literature: Ancient	44	4				
ENG-	to Enlightenment Program Elective	44	4				
	General Electives	T i	4			1	
_							

Winter Term							
ASL-202	Second-Year American	44	4				
or	Sign Language II		i i				
FR-202	or						
or	Second-Year French II						
SPN-202	or						
	Second-Year Spanish II						
ENG-205	British Literature:	44	4				
or	Romantic to Contemporary						
ENG-253	or American Literature: Pre-						
	Columbian to Civil War						
ENG-	Program Elective	44	4				
LING-	General Elective	44	4				
T		44	4				
Spring Term	-	T					
ASL-203	Second-Year American	44	4				
or	Sign Language III						
FR-203 or	or Second-Year French III						
SPN-203	or						
O1 14-200	Second-Year Spanish III						
ENG-254	American Literature: 1865	44	4				
LIVO-204	to Present	7-7	7				
ENG-297	A.S. Degree Portfolio	11	1				
HST-103	History of Western		3-4				
Or	Civilization						
	Or						
	Social Science Elective						
Social Scien							
ANT -102, 10							
EC -201, 202							
GEO -110, 20		004 00	0.000				
	2, 103, 131, 132, 136, 137, 138	3, 201, 202	2, 203;				
	, 203, 204, 205; 5, 215, 219, 231;						
SSC -160, 23							
	05, 206, 210, 225;						
WS -101;	, , ,						
Other Scien	ce Electives						
ANT -101;							
	103, 112, 160L, 165CL, 204, 2	11, 212, 2	213, 231.				
232, 233, 23		., , _	-,,				
	, , 106, 112, 150, 221, 222, 223,	241, 242,	, 243;				
ESR -171, 17	2, 173;	•					
	103, 145, 148, 201, 202, 203;						
	, 123, 201, 202, 203, 211, 212,	213;					
PSY -200;	200						
Z -201, 202, 2							
	gram Electives		101 101				
	05*, 106*, 107, 108, 109, 116,						
	3, 218, 225, 226, 230, 240, 241	1, 250, 251	1, 252, 255,				
260, 261, 29	5; lection from ENG-104, -105, ar	nd _106 v.i	ll count for				
credit at UO.	ection nom ENG-104, -105, ar	iu - 100 WI	ii courit ioi				
General Elec	ctive						
	nimum 4-credit transferable co	urse exce	ot prefix PF				
	s not already part of the degree						
Arts & Lette							
Minimum 4 c	redits per term						
	1, 242, 243, 244, 245, 246, 262	, 263, 265	;				
	& Letters courses as listed in t	the CCC C	Catalog				
TOTAL CU	RRENT CREDITS:		91-96	TOTAL PR	<i>OPOSED</i> CRE	DITS:	

College Contact	Carol Burnell	Telephone No.		
E-Mail Address		Fax No.		
Chief Academic			Date	
Officer or CTE				
Dean Signature				



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Community College						Date		
	CAREER	LEA	RNING	AR	EA			
☐ Ag, Food & Natural Resource Syste					Servic			
☐ Arts, Information & Communication	ns		☐ Hu	man	Resou	irces		
☐ Business & Management	Business & Management √ Industrial 3							
PROGRAM INFORMATION								
<u>APPROVED</u>			APPRO		2		<u>PROVED</u>	Current
Program Title		(Incl	CIP C lude 7 th & 8		sused	Recogn	ition Award	Credits
		fo	r OCCURS	reportir	ıg.)			
<u>6-digit CIP</u> <u>Zth</u> <u>8th</u> <u>digit</u>								
AS Area of Emphasis Title:						Assoc	iate of	106-107
Engineering – Environmental							ed Science	
Engineering						Area	of Emphasis	
AS.OSUENVIRENGR								
Partnering Institution Name								
Oregon State University								
Last amendment approved on 12.02.22								
	PE OF PR	ROG	RAM A	MEN	IDME	NT		
	(Ch	neck A	LL That Ap	oply)				
☐ New Agreement	☐ Currio	culu	m Revi	sion		☐ Rev	vision in Prog	gram Credits
						Propos Credits	<i>ed</i> Total	
						Ciedits	•	
CUSDENSION of Brogger	Reason for St	uspens	sion:					
☐ <i>SUSPENSION</i> of Program		-,- 0.10						
Suspension Effective Date:								

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Course Title Hours Credits Course Title Hours Credits Program Requirements - First Year **Fall Term** CH-221 **General Chemistry** 77 5 ENGR-111 Introduction to Engineering 33 3 MTH-251 Calculus I 55 5 WR-121 **English Composition** 44 4 WR-121Z Composition I Winter Term BI-204 **Elementary Microbiology** 44 4 CH-222 **General Chemistry** 77 5 ENGR-112 **Engineering Programming** 33 3 MTH-252 Calculus II 55 5 **Spring Term** CH-223 **General Chemistry** 77 5 ENGR-115 **Engineering Graphics** 33 3 MTH-254 Vector Calculus 55 5 WR-227 **Technical Report Writing** 44 4 44 **WR-227Z Technical Writing** 4 **Summer Term** COMM-111 44 **Public Speaking** 4 COMM-111Z **Public Speaking** MTH-256 **Differential Equations** 44 4 Program Requirements - Second Year **Fall Term** ENGR-211 **Statics** 44 4 PH-211 General Physics with 77 5 Calculus Literature and the Arts 3-4 Elective Social Processes elective 4 **Winter Term** ENGR-212 44 **Dynamics** 4 77 5 PH-212 General Physics with Calculus Western Culture elective 4 **Spring Term** ENGR-213 Strength of Materials 44 4 55 MTH-253 Calculus III 5 PH-213 General Physics with 77 5 Calculus **Cultural Diversity Elective** 4 **Cultural Diversity Elective** ANT-232; **ENG-**213, 252; **GEO-**110: **R-**101, 102, 103, 210; Literature and the Arts Elective ART-101, 204, 205, 206; **ENG**-104, 105, 106, 107, 108, 109, 194, 195, 201, 202, 204, 205, 213, 226, 230, 241, 250, 251, 252, 253, 254, 255, 260, 270; MUS-105, 205, 206; **Social Processes Elective**

ANT-103; **EC**-201, 202; **HST**-101, 102, 103; **PS**-201, 204, 205, 225; **PSY**-200, 205, 219, 231;

SOC -204, 205, 206;									
Western Culture Elective									
ART-204, 205, 206; ENG-107, 108, 109, 201, 203 GEO-208; HST-101, 102, 103, 132, 203 PHL-102; R-204;									
Optional: While not required complete additional coursew requirements for the Bachelo University. The Bachelor of Scompletion of one course fro	,								
Difference, Power, and Dis	crimination Elective								
HST -201, 202, 203; SOC -225;									
Biological Science Elective									
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;	5, 176, 177, 204, 211, 212,	213, 234;							
Physical Education Electiv	е	_							
HPE -295;									
TOTAL CURRENT CRED	OITS:	106-107	TOTAL P	ROPOSED CREDITS:					
College Contact				Telephone No.					
E-Mail Address				Fax No.					
Chief Academic Officer or CTE Dean Signature					Date				



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College: Clackamas Community College						Date					
CAREER LEARNING AREA											
☐ Ag, Food & Natural Resource Syste	ems		☐ He	alth S	ervic	es					
☐ Arts, Information & Communication	☐ Arts, Information & Communications ☐ Human Resour										
☐ Business & Management			√ Inc	dustri	al & E	ngineerin	g Systems				
PROGRAM INFORMATION											
<u>APPROVED</u> Program Title		APPROVED CIP Code Include 7 th & 8 th digits used for OCCURS reporting.) 5-digit CIP				PROVED ition Award	Current Credits				
AS Area of Emphasis Title: Engineering –Environmental AS.PSUENVIRENGR						Appli	ciate of ed Science of Emphasis	99-100			
Partnering Institution Name Portland State University											
Last amendment approved on 01.21.22											
TY	PE OF PF		RAM A LL That Ap		DME	NT					
□ New Agreement	-		m Revi			☐ Revision in Program Credits					
						Propos	<i>ed</i> Total Credi	ts:			
□ SUSPENSION of Program	Reason for S	iuspens	sion:					ı			
Suspension Effective Date:											

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24 **CURRENT CURRICULUM 22-23** Course Title Hours Credits Course Title Hours Credits Program Requirements - First Year Fall Term CH-221 General Chemistry 77 5 ENGR-111 Introduction to Engineering 33 3 MTH-251 55 5 Calculus I WR-121 **English Composition** 44 4 WR-121Z Composition I 44 Winter Term Elementary Microbiology BI-204 66 4 CH-222 **General Chemistry** 77 5 ENGR-112 **Engineering Programming** 33 3 MTH-252 Calculus II 55 5 **Spring Term** COMM-111 **Public Speaking** 44 4 COMM-44 4 Public Speaking 111Z MTH-254 Vector Calculus 55 5 WR-227 **Technical Report Writing** 44 4 **WR-227Z Technical Writing** 4 Arts & Letters elective 4 **Program Requirements - Second Year Fall Term ENGR-211** Statics 44 4 GIS-201 Introduction to Geographic 66 Information Systems PH-211 General Physics with 77 5 Calculus Social Science elective 4 Winter Term CDT-103 Computer-Aided Drafting I 66 3 ENGR-212 Dynamics 44 4 MTH-256 **Differential Equations** 44 4 5 PH-212 General Physics with 77 Calculus **Spring Term ENGR-213** Strength of Materials 44 4 MTH-261 Linear Algebra 44 4 PH-213 General Physics with 77 5 Calculus Arts & Letters or Social 3-4 --Science elective **Arts & Letters Electives** All courses in ASL, COMM, ENG, FR, GER, HUM, PHL, SPN, WR. Note that native speakers should only take advanced (300 level or above) foreign language courses. Non-performance based courses in art, journalism, music, and theater also meet this requirement. The accepted courses at CCC are: ART-101, 205, 206; J-211; MUS-105, 141, 205, 206, 230; TA-101, 102; **Social Science Electives** All courses in ANT, EC, GEO, HST, PS, PSY, SOC, SSC, and WS. Recommended: Complete one additional Arts & Letters or Social Science elective. **TOTAL CURRENT CREDITS:** 99-100 **TOTAL PROPOSED CREDITS:**

College Contact	Eric Lee	Telephone No.	6163		
E-Mail Address		Fax No.			
Chief Academic			Date		
Officer or CTE Dean					
Signature					



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

College:	: Clackamas Community College						Date				
CAREER LEARNING AREA											
	d & Natural Resource Syste					ervice					
•	formation & Communication	ns		☐ Hu	man	Resou	rces				
☐ Business & Management											
PROGRAM INFORMATION											
	<u>APPROVED</u>			APPRO				<u>PROVED</u>	Current		
	Program Title		(Inc	CIP C lude 7 th & 8		used	Recogn	ition Award	Credits		
			fo	r OCCURS	reportin	g.)					
			<u>6-a</u>	igit CIP	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>					
AS Area of	f Emphasis Title:						Assoc	ciate of		1	
Engineer	=							ed Science	99-100		
Industria	I/Manufacturing						Area	of Emphasis			
AS.OSUIND	MFGENG									_	
Partnering	g Institution Name										
Oregon State University											
Last amendn	nent approved on 12.02.22										
		PE OF PR	ROG	RAM A	MEN	DME	NT				
		(Ch	neck A	LL That Ap	ply)						
□ New A	greement	□ Currio	culu	m Revi	sion		☐ Revision in Program Credits			:S	
							Propos	<i>ed</i> Total Credit	s:		
□ SUSPE	NSION of Program	Reason for S	uspens	sion:							
S	Suspension Effective Date:										
		_									

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Course Title Hours Credits Course Title Hours Credits Program Requirements - First Year **Fall Term** COMM-111 **Public Speaking** 44 4 COMM-111Z Public Speaking 44 4 ENGR-111 Introduction to Engineering 33 3 MTH-251 55 Calculus I 5 44 4 44 WR-121 **English Composition** WR-121Z Composition I 4 Winter Term CH-221 **General Chemistry** 77 5 ENGR-112 33 **Engineering Programming** 3 MTH-252 Calculus II 55 5 **Spring Term** CH-222 **General Chemistry** 77 5 **ENGR-115** 33 3 **Engineering Graphics** MTH-254 Vector Calculus 55 5 WR-227 **Technical Report Writing** 44 4 **WR-227Z Technical Writing Summer Term** MTH-256 44 **Differential Equations** 4 Social Processes elective 4 **Program Requirements – Second Year Fall Term ENGR-211 Statics** 44 4 PH-211 General Physics with 77 5 Calculus Western Culture elective 4 **Winter Term** 44 CS-161 Computer Science I 4 ENGR-212 44 4 **Dynamics** PH-212 General Physics with 77 5 Calculus Literature and the Arts 3-4 Elective **Spring Term** ENGR-201 **Electrical Fundamentals** 66 4 **ENGR-213** Strength of Materials 44 4 HPE-295 Health & Fitness for Life 60 3 PH-213 General Physics with 77 5 Calculus **Social Processes Elective ANT**-103; **EC**-201, 202; HST-101, 102, 103; **PS**-201, 204, 205, 225; **PSY-200**. 205. 219. 231: SOC-204, 205, 206; **Western Culture Elective** ART-204, 205, 206; **ENG-**107, 108, 109, 201, 202, 204, 205, 250, 251, 253, 254, 255; **GEO**-208; **HST**-101, 102, 103, 132, 201, 202, 203; PHL-102; R-204: Literature and the Arts Elective ART-101, 204, 205, 206;

ENG-104, 105, 106, 107, 108, 109, 194, 195, 201, 202, 204, 205, 213, 226, 230, 241, 250, 251, 252, 253, 254, 255, 260, 270;

MUS- 105, 205, 206;								
Optional: While not required complete additional coursew requirements for the Bachel University. The Bachelor of completion of one course from	ork at CCC that will meet or of Science degree at Ore Science degree requires the							
Cultural Diversity Elective								
ANT-232; ENG-213, 252; GEO-110; R-101, 102, 103, 210;								
Difference, Power, and Discrimination Elective								
HST-201, 202, 203; SOC-225;								
Biological Science Electiv	е							
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;								
TOTAL CURRENT CREDITS: 99-100			TOTAL PROPOSED CREDITS:					
College Contact	Eric Lee			Telephone No. X6163				
E-Mail Address			Fax No.					
Chief Academic Officer <i>or</i> CTE Dean Signature					Date			



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.												
College: Clackamas Communit	Date											
CAREER LEARNING AREA												
☐ Ag, Food & Natural Resource Syste					Servic							
☐ Arts, Information & Communication	ns		-		Resou							
☐ Business & Management			√ Inc	dustri	al & E	ingineering Systems						
PROGRAM INFORMATION												
APPROVED			APPR			APPROVED	Cur	rent				
Program Title			CIP		•	Recognition Award						
			ude 7 th & 8 r OCCURS									
			igit CIP	<u>Zth</u>	8 th							
				<u>digit</u>	<u>digit</u>							
AS Area of Emphasis Title:	_					Associate of	400	40-				
Engineering — Mechanical Engir AS.OITMECHENGR	neering					Applied Science Area of Emphasis	103	105				
AS.OTTMECHENGR						Area of Emphasis						
Partnering Institution Name												
Oregon Institute of Technology	,											
(Oregon Tech)												
,												
							<u> </u>					
Last amendment approved on 01.29.21	DE OF DE	200		MEN	IDME	LIT						
17	PE OF PF (CI		KAM A		IDME	:N I						
□ New Agreement	□ Curri	culu	m Revi	sion		☐ Revision in Program Credit						
						Proposed Total Cre	dits:					
☐ SUSPENSION of Program	Reason for Suspension:											
_												
Suspension Effective Date:												

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

CURRENT CURRICULUM 22-23			PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
		Prog	ram Require	ements – 1st \	<u> Year</u>			
Fall Term	Cananal Chamistm	77	T =			-	ı	
CH-221	General Chemistry	77	5					
ENGR-111	Introduction to Engineering	33	3					
MTH-251	Calculus I	55	5	WD 4047	O a mana a a liti a mail	4.4	4	
WR-121 Winter Term	English Composition	44	4	WR-121Z	Composition I	44	4	
CH-222	General Chemistry	77	5		Ī	Ī	l	
ENGR-231	Properties of Materials	66	4					
MTH-252	Calculus II	55	5					
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4	
Spring Term		<u> </u>		*****	Composition			
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4	
ENGR-112	Engineering Programming	33	3					
MTH-254	Vector Calculus	55	5					
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4	
Summer Ter		_						
MTH-256	Differential Equations	44	4					
MTH-261	Linear Algebra	44	4			i		
	•	Prog	ram Require	ements - 2 nd	Year			
Fall Term								
ENGR-211	Statics	44	4					
PH-211	General Physics with Calculus	70	5					
	Social Science Elective		3-4					
Winter Term								
CDT-103	Computer-Aided Drafting I	66	3					
ENGR-212	Dynamics	44	4					
PH-212	General Physics with Calculus	70	5					
	Humanities Electives		3-4					
Spring Term		_	-		-	-	_	
EC-201 Or EC-202	Principles of Economics: MICRO or Principles of Economics: MACRO	44	4					
ENGR-201	Electrical Fundamentals	66	4					
ENGR-213	Strength of Materials	44	4			i		
PH-213	General Physics with Calculus	70	5					
			Track Red	uirements				
Social Scien	ce Electives							
	ses from the following subjects: 60, HST, PS, PSY, SOC, SSC, V	ws						
Humanities I								
ART, ASL (200- PHL, R, SPN (2								
complete add	ile not required for the AS degre litional coursework at CCC that lor of Science degree at Institute	will meet r	equirements					

WLD-150 Additional Social Science Elective from the list above						
TOTAL CURRENT CREDITS: 103-1			TOTAL P	ROPOSED CREDITS		
College Contact				Telephone No.		
E-Mail Address				Fax No.		
Chief Academic Officer or CTE Dean Signature					Date	

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

College: Clackamas Community College						Date					
	CAREER	LEA	RNING	ARI	EA						
☐ Ag, Food & Natural Resource Syste	ems		☐ He	alth S	ervic	es					
☐ Arts, Information & Communication	ns		□ Hu	man l	Resou	rces					
☐ Business & Management			√ Inc	dustri	al & E	ngineerin	g Systems				
PROGRAM INFORMATION											
fo		CIP C	ude 7 th & 8 th digits used r OCCURS reporting.)			<u>PROVED</u> ition Award	Curre Credi	_			
AS Area of Emphasis Title: Engineering – Mechanical Engineering AS.OSUSMECHENGR						Appli	ciate of ed Science of Emphasis	100-:	101		
Partnering Institution Name Oregon State University											
Last amendment approved on 12.02.22											
TY	PE OF PR		RAM A LL That Ap		DME	NT					
□ New Agreement	☐ Curri			,		☐ Revision in Program Credits					
						Propos	<i>ed</i> Total Credi	ts:			
□ SUSPENSION of Program	Reason for S	iuspens	sion:			·					
Suspension Effective Date:											

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section only.]

(CURRENT CURRICULUM			he Proposed Curricul	PROPOSED CURRIC	ULUM 23-2	24	
Course Title Hours Credits			Course Title Hours Credits					
		Pro	gram Requi	rements – First	Year			
Fall Term								
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4	
ENGR-111	Introduction to Engineering	33	3					
MTH-251	Calculus I	55	5					
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4	
Winter Term								
CH-221	General Chemistry	77	5					
EC-201 Or EC-202	Principles of Economics: MICRO or	44	4					
	Principles of Economics: MACRO							
ENGR-112	Engineering Programming	33	3					
MTH-252	Calculus II	55	5					
Spring Term								
CH-222	General Chemistry	77	5					
ENGR-115	Engineering Graphics	33	3					
MTH-254	Vector Calculus	55	5					
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4	
Summer Ter	m		_			_	-	
MTH-256	Differential Equations	44	4					
		Progr	am Require	ments - Secon	d Year		_	
Fall Term								
ENGR-211	Statics	44	4					
ENGR-221	Electrical Circuit Analysis I	33	4					
PH-211	General Physics with Calculus	77	5					
	Western Culture elective		4					
Winter Term								
CS-161	Computer Science I	44	4					
ENGR-212	Dynamics	44	4					
ENGR-222	Electrical Circuit Analysis II	66	4					
PH-212	General Physics with Calculus	77	5					
Spring Term		•						
ENGR-213	Strength of Materials	44	4					
PH-213	General Physics with Calculus	77	5					
	Literature and the Arts Elective		3-4					
Western Cul								
GEO -208;	5, 206; 8, 109, 201, 202, 204, 205, 250, 2, 103, 132, 201, 202, 203;	251, 25	3, 254, 255;					
	nd the Arts Elective							
213, 226, 230 MUS -105, 20	5, 106, 107, 108, 109, 194, 195,), 241, 250, 251, 252, 253, 254, 5, 206;	255, 260	0, 270;					
	nile not required for the A.S. deg litional coursework at CCC that v							

requirements for the Bachelo University. The Bachelor of S completion of one course fro	Science degree requires the	on State						
Cultural Diversity Elective								
ANT-232; ENG-213, 252; GEO-110; R-101, 102, 103, 210;								
Difference, Power, and Dis	crimination Elective							
HST- 201, 202, 203; SOC- 225;								
Biological Science Elective	Biological Science Elective							
BI -101, 102, 103, 165CL, 17 ESR -171, 172, 173; Z -201, 202, 203;	5, 176, 177, 204, 211, 212, 2	213, 234;						
Physical Education Electiv	re							
HPE -295;								
TOTAL CURRENT CRED	DITS:	100-101	TOTAL P	ROPOSED CREDITS	:			
College Contact	Eric Lee	Telephone No.	X6163					
E-Mail Address	Fax No.							
Chief Academic Officer <i>or</i> CTE Dean Signature					Date			

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

College: Clackamas Community College										
	CAREER	LEA								
☐ Ag, Food & Natural Resource Syste					Servic					
☐ Arts, Information & Communication	ns				Resou					
☐ Business & Management			√ Inc	dustri	al & E	ngineerin	g Systems			
PROGRAM INFORMATION										
APPROVED			APPRO			APP	ROVED	Curr	ent	
Program Title			CIP C	ode			gnition	Credit		
			ude 7 th & 8 r OCCURS			Av	vard			
			igit CIP	Z th	<u>8</u> th					
				<u>digit</u>	<u>digit</u>	-				
AS Area of Emphasis Title:							ciate of			
Engineering – Mechanical AS.PSUMECHENGR						Appli	ed Science	100-1	.01	
AS.PSUMECHENGR						Emph	_			
Partnering Institution Name										
Portland State University										
Last amendment approved on 05.01.2020										
	PE OF PE	ROG	RAM A	MEN	IDME	NT				
			LL That A							
□ New Agreement	☐ Curri	culu	m Revi	sion		□ Rev	vision in Pro	ogram (Credits	
						Propos	<i>ed</i> Total Cre	dits:		
						•				
☐ SUSPENSION of Program	Reason for S	Suspens	sion:							
_										
Suspension Effective Date:										
						_				

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Hours Course Title Hours Credits Course Title Credits Program Requirements - First Year **Fall Term** CH-221 **General Chemistry** 77 5 ENGR-111 Introduction to Engineering 33 3 MTH-251 55 5 Calculus I 44 WR-121 **English Composition** 44 4 WR-121Z Composition I Winter Term **General Chemistry** CH-222 77 5 ENGR-112 **Engineering Programming** 33 3 ENGR-231 **Properties of Materials** 66 4 MTH-252 Calculus II 55 5 **Spring Term** COMM-111 **Public Speaking** 44 COMM-**Public Speaking** 4 44 4 111Z ENGR-115 **Engineering Graphics** 33 3 MTH-254 Vector Calculus 55 5 Arts & Letters or Social 4 Science elective Program Requirements - Second Year Fall Term 44 **ENGR-211** Statics 4 44 4 MTH-261 Linear Algebra PH-211 General Physics with 77 5 Calculus Arts & Letters elective 4 Winter Term **ENGR-212 Dynamics** 44 4 MTH-256 **Differential Equations** 44 4 PH-212 General Physics with 77 5 Calculus Social Science elective 4 **Spring Term ENGR-201 Electrical Fundamentals** 4 66 **ENGR-213** Strength of Materials 44 4 PH-213 General Physics with 77 5 Calculus Arts & Letters or Social 3-4 Science elective **Arts & Letters or Social Science Electives Arts & Letters** All courses in ASL, COMM, ENG, FR, GER, HUM, PHL, SPN, WR. Note that native speakers should only take advanced (300 level or above) world language courses. Non-performance based courses in art, journalism, music, and theater also meet this requirement. The accepted courses at CCC are: ART-101, 205, 206; J-211; MUS-105, 141, 205, 206, 230; **TA**-101, 102; **Social Science** All courses in ANT, EC, GEO, HST, PS, PSY, SOC, SSC, and WS. While not required for the AS degree, mechanical

engineering students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science

degree at Portland State University. Additional courses include (1) One additional Arts & Letters or Social Science elective and (2) Approved Science Elective: Any minimum 4 credit course from Biology, Chemistry, Environmental Science, Geology, or Physics.							
TOTAL CURRENT CREDITS: 100-101			TOTAL PROPOSED CREDITS:				
College Contact				Telephone No.			
E-Mail Address				Fax No.			
Chief Academic Office	е			Date			

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

College: Clackamas Community College						Date			
CAREER LEARNING AREA									
☐ Ag, Food & Natural Resource Syste					ervic	es			
☐ Arts, Information & Communication					Resou				
☐ Business & Management							g Systems		
							9		
PROGRAM INFORMATION									
<u>APPROVED</u> Program Title	(Incl			APPROVED CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.) 6-digit CIP Z th 8 th digit digit			P <u>ROVED</u> ition Award	Curre Credi	
AS Area of Emphasis Title: Music AS.PSUMUSIC						Appli	ciate of ed Science of Emphasis	100- 107	
Partnering Institution Name Portland State University ast amendment approved on 12.03.21									
	PE OF PR		RAM A		DME	NT			
□ New Agreement			n Revi			□ Rev	ision in Prog	ram Cr	edits
						Propose	ed Total Credit	s:	
□ SUSPENSION of Program	Reason for Si	uspens	ion:						
Suspension Effective Date:						_[

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping.

For a New Program, complete the Proposed Curriculum section colui

For a New Program, complete the CURRENT CURRICULUM 22-23			Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24						
Course	Clock			Course	Clock				
Number	Course Title	Hours	Credits	Number	Course Title	Hours	Credits		
Fall Term		Prog	ram Require	ments – First Y	ear				
MUP-102	Wind Ensemble	I	1-2	I		l			
Or	or		' -						
MUP-105	Jazz Ensemble								
Or MUP-122	or Chamber Choir								
Or MUP-141	or College Orchestra								
*MUP-171-	Individual Lessons	20	2						
191	or								
Or MUP-171J-	Individual Lessons/Jazz								
191J									
MUS-111	Music Theory I	33	3						
MUS-111L	Music Notation Software I	22	1						
MUS-114	Aural Skills I	22	2						
MUS-127	Keyboard Skills I	22	2						
MUS-189	Performance & Repertoire	10	1						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
Winter Term	T =	<u> </u>	1	_					
MUP-102 Or	Wind Ensemble		1-2						
MUP-105 Or	or Jazz Ensemble or								
MUP-122 Or	Chamber Choir or								
MUP-141	College Orchestra								
*MUP-171-	Individual Lessons	20	2						
191 Or	or Individual Lessons/Jazz								
MUP-171J-	marriadar 20000nio/gazz								
191J									
MUS-112	Music Theory I	33	3						
MUS-112L	Music Notation Software I	22	1						
MUS-115	Aural Skills I	22	2						
MUS-128	Keyboard Skills I	22	2						
MUS-189	Performance & Repertoire	10	1 4-5						
MTH-105 Or	Math in Society Or	44-55	4-5	MTH-105Z	Math in Society				
MTH-111	College Algebra			or	or				
or MTU 440	or Trianguagestant and Dra			MTH-111Z	Precalculus I: Functions				
MTH-112 or	Trigonometry and Pre- Calculus			or MTH-112Z	or Precalculus II: Trigonometry				
MTH-251	or			or	or				
or	Calculus I			MTH-251	Calculus I				
MTH-252	or Calculus II			or MTH-252	or Calculus II	44-55	4-5		
Spring Term	Callouido II					11.00	, ,		
MUP-102	Wind Ensemble		1-2						
Or MUP-105	or Jazz Ensemble								
Or MUP-122	or Chamber Choir								
Or MUP-141	or College Orchestra								
*MUP-171-	Individual Lessons	20	2	1					
191	or								
Or	Individual Lessons/Jazz								

		_	T							
MUP-171J-										
191J										
MUS-113	Music Theory I	33	3							
MUS-113L	Music Notation Software I	22	1							
MUS-116	Aural Skills I	22	2							
MUS-129	Keyboard Skills I	22	2							
MUS-189	Performance & Repertoire	10	1							
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4			
		Progra	m Requirem	nents – Second	Year					
Fall Term				-			-			
MUP-202	Wind Ensemble	44-55	1-2							
Or MUP-205 or	or Jazz Ensemble or									
MUP-222 or	Chamber Choir or									
MUP-241	College Orchestra									
*MUP-271-	Individual Lessons	20	2							
291	or									
Or	Individual Lessons/Jazz									
MUP-271J- 291J										
MUS-189	Performance & Repertoire	10	1							
MUS-211	Music Theory II	33	3	1						
MUS-214	Keyboard Skills II	22	2			1				
MUS-224	Aural Skills II	22	2							
	Arts & Letters General		4							
	Education elective									
Winter Term										
MUP-202	Wind Ensemble	44-55	1-2							
Or MUD 005	or									
MUP-205 or	Jazz Ensemble or									
MUP-222	Chamber Choir									
or	or									
MUP-241	College Orchestra									
*MUP-271-	Individual Lessons	20	2							
291 Or	or Individual Lessons/Jazz									
MUP-271J-	ilidividual Lessolis/Jazz									
291J		<u> </u>				<u></u>				
MUS-189	Performance & Repertoire	10	1							
MUS-212	Music Theory II	33	3							
MUS-215	Keyboard Skills II	22	2							
MUS-225	Aural Skills II	22	2							
	Social Science General Education elective		4							
	Science/Math/Computer		3	1						
	Science General									
	Education elective						<u></u>			
Spring Term	LAC LE L		146				I			
MUP-202 Or	Wind Ensemble or	44-55	1-2							
MUP-205 or	Jazz Ensemble or									
MUP-222	Chamber Choir or									
or MUP-241	College Orchestra									
*MUP-271- 291	Individual Lessons or	20	2							
Or	Individual Lessons/Jazz									
MUP-271J-										
291J MUS-189	Performance & Repertoire	10	1			1				
MUS-189 MUS-213	Music Theory II	33	3	-		1				
IVIU3-213	wusic meory ii	აა	J							

MUS-216	Keyboard Skills II	22	2			I			
MUS-226	Aural Skills II	22	2		1				
	Arts & Letters General Education elective		4						
	Science/Math/Computer Science General		4						
	Education elective		<u> </u>						
Catalog Note									
	st be in same instrument disci	pline, but m	nay be in						
different style	s. dents pursuing a jazz degree,								
	ituted for MUS-189.	1010	JUZZ COMBO						
Arts & Letters	General Education Electives								
	5, 117, 131, 204, 205, 206, 22				<mark>15, 117, 131, 204, 205,</mark>				
	1, 255, 281, 282, 283, 284, 28	5, 286, 291	, 292, 293;		54, 255, 281, 282, 283,	284, 285, 2	286, 291,	292, 293;	
ASL -201, 202 BA -130;	2, 203;			ASL -201, 20 BA -130:	J2, 203;				
•	140, 212, 218, 219, 227;				140, 212, <mark>218Z</mark> , 219, 2	227;			
	5, 106, 107, 108, 109, 116, 12			ENG -104, 1	<mark>05, 106, 107, 108, 109,</mark>	116, 121,			
	3, 218, 226, 240, 241, 250, 25	1, 252, 253	, 254 270;	204, 205, 21 FR -201, 202	3, 218, 226, 240, 241,	250, 251, 2	252, 253,	254 270;	
FR -201, 202, HUM -160, 23	203, 211; 5, 240, 241, 242;				35, 240, 241, 242;				
J- 211;	-, ··-, = · ·, - ·- ,			J- 211;	, =, = , = ,				
	1, 112, 113, 205, 206, 211, 2 ⁻¹	12, 213;			<mark>11, 112, 113, 205, 206, 206, 206, 206, 206, 206, 206, 206</mark>	211, 212,	213;		
PHL-101, 102 SPN-201, 202	2, 103, 205, 210; 2, 203·			PHL -101, 10 SPN -201, 20	02, 103, 205, 210; 02, 203;				
	103, 141, 142, 143;				2, 103, 141, 142, 143;				
	, 243, 244, 245, 248, 262, 263	3, 265, 270;			<mark>2, 243, 244, 245, 248, 2</mark>	<mark>262, 263, 2</mark>	65, 270;		
Social Science	e General Education Elective	S							
ANT -101, 102	2, 103, 232;								
CJA -101; EC -201, 202;									
GEO -100, 11									
	2, 103, 130, 131, 132, 136, 13	7, 138, 201	, 202, 203;						
	203, 204, 205, 225, 297; 5, 215, 219, 231;								
	5, 216, 219, 231, 5, 206, 210, 225;								
SSC -160, 23	5, 240, 241, 242;								
WS -101;									
	/Computer Science General I	Education E	lectives						
ASC -175, 170	6, 177; 103, 112, 160, 160L, 165C, 1(SECL 1SEC	175 176	ASC -175, 1		IGEO 1650	1 46ED	17E 17G	
	1, 212, 213, 231, 232, 233, 23), 175, 176,	BI -101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234;					
	106, 112, 114, 221, 222, 223			CH- 104, 105, 106, 112, 114, 221, 222, 223;					
ESR-171, 172				ESR -171, 172, 173;					
G -101, 102, 1 GS -104, 105,	103, 148, 201, 202, 203;			G -101, 102, GS -104, 105	103, 148, 201, 202, 20 5, 106, 107:	3;			
	2, 213, 243, 244, 252*, 253, 2	254, 256, 26	:1;		12, 213, <mark>243</mark> , 244, 252*	, 253, 254,	256, 261	ļ;	
PH -121, 122,	123, 201, 202, 203, 211, 212			PH-121 , 122	<mark>2, 123, 201, 202, 203, 2</mark>				
Z -201, 202, 2	03;			STAT -243Z; Z -201, 202,					
*MTH-252 mg	ay be used as an elective requ	lirement in	this	2- 201, 202,	200,				
	has not already used for the n								
	n this AS degree.								
TOTAL CUI	RRENT CREDITS:		100-107	TOTAL PR	OPOSED CREDITS				
College Co	ntact				Telephone No.				
E-Mail Add	ress				Fax No.				
Chief Acad	emic			•		Date			
Officer or 0									
Signature									

AS.OTBUSINESS

Associate of Science Oregon Transfer Degree-Business (ASOT-Business)

Requirements

Courses

Choose from the following courses to meet degree requirements. All courses must be passed with a C or better.

Writing 8 credits, information literacy will be included in the Writing Requirement.	WR -121Z and either 122Z, or 227Z
Oral Communication 1 course	COMM-111Z
Mathematics Minimum of 3 courses, including one course of statistics	MTH-111Z or higher level Math or Statistics, 4 credits of statistics (MTH-243 STAT-243Z or MTH-244) are required.
Cultural Literacy • 1 course • Each course must be at least 3 credits.	Courses meeting the Cultural Literacy requirement are noted with an asterisk.

GENERAL EDUCATION DISTRIBUTION AREA

Arts & Letters

- 3 courses from 2 or more disciplines.
- Each course must be at least 3 credits.

ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASL-201*, 202*, 203*

BA-130

COMM-112, 126*, 140*, 212, 218Z*, 219*, 227

ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*,

241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296

FR-201*, 202*, 203*

HUM-235*, 237*, 240*, 241*, 242*

J-211, 216

MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213

 $\textbf{PHL-}101^*,\,102^*,\,103^*,\,205^*,\,210^*,\,213^*,\,216^*$ R-101*, 102*, 103*, 204*, 210*, 211*, 212*

SPN-201*, 202*, 203*

SSC-237*

TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153

WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270

WS-101*

GENERAL EDUCATION DISTRIBUTION AREA

Social Science

• 4 courses from 2 or more disciplines, including EC-201 and EC-202 completed with a grade of C- or better.

· Each course must be at least 3 credits.

EC-201 and EC-202 and courses from the following list:

ANT-101, 102*, 103*, 232*

CJA-101, 201 EC-201, 202

GEO-100*, 110*, 130*, 208*

HE-163, 164

HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203*

HUM-237*

PS-200*, 201, 203, 204, 205, 225, 297

PSY-200, 205*, 215, 219*, 231* **SOC**-204*, 205*, 206*, 210*, 225*

SSC-235*, 237*, 240*, 241*, 242*

WS-101*

GENERAL EDUCATION DISTRIBUTION AREA Science • 4 courses from at least 2 disciplines including at least 3 laboratory courses in biological and/or physical science. • Minimum of 12 credits of laboratory science required. • Each course must be at least 3 credits.	ASC-175, 176, 177 BI-101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 Z-201, 202, 203
Business Specific Minimum 20 credits, with a grade of C or better	BA -101, 131, 211, 213 and 226
Elective and/or University Specific Requirements	Determined by choice of transfer institution. Please contact your transfer advisor for assistance. Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, for a listing of courses that may be included.

^{*} Course meets Cultural Literacy requirement.

See course descriptions for course requisites.

Note: No course may be used to satisfy more than one requirement or distribution area.

AS.OTCOMPSCIENCE

Associate of Science Oregon Transfer Degree – Computer Science (ASOT-Computer Science)

Requirements

Courses

Choose from the following courses to meet degree requirements. All courses must be passed with a C or better.

Writing 8 credits, information literacy will be included in the Writing Requirement.	WR-121Z, and either 122Z or 227Z
Oral Communication - 1 course	COMM-1117
Mathematics - 2 courses	MTH-251 and MTH-252.
Health/Wellness/Fitness 1 or more HE, HPE or PE courses totaling at least 3 credits.	PE-185, 194, 240, 260, 270, 294, 294A HE-201, 202, 204, 205, 207, 223, 249, 250, 252, 261 HPE-295
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters • 3 courses from 2 or more disciplines. • Each course must be at least 3 credits.	ART-101, 115, 117, 131, 204*, 205*, 206*, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASI-201*, 202*, 203* BA-130 COMM-112, 126*, 140*, 212, 218Z*, 219*, 227 ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296 FR-201*, 202*, 203* HUM-235*, 237*, 240*, 241*, 242* J-211, 216 MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213 PHI-101*, 102*, 103*, 204*, 210*, 211*, 212* SPN-201*, 202*, 203* SSC-237* TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270 WS-101*
GENERAL EDUCATION DISTRIBUTION AREA Social Science • 4 courses from 2 or more disciplines. • Each course must be at least 3 credits.	ANT-101, 102*, 103*, 232* CJA-101, 201 EC-201, 202 GEO-100*, 110*, 130*, 208* HE-163, 164 HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203* HUM-237* PS-200*, 201, 203, 204, 205, 225, 297 PSY-200, 205*, 215, 219*, 231* SOC-204*, 205*, 206*, 210*, 225* SSC-235*, 237*, 240*, 241*, 242* WS-101*

GENERAL EDUCATION DISTRIBUTION AREA

Science/Math/Computer Science

- 4 courses from at least 2 disciplines, including at least 3 lab courses in biological or physical science.
- Each course must be at least 3 credits.

ASC-175, 176, 177

 $\textbf{BI-}101,\,102,\,103,\,112,\,160,\,160\text{L},\,165\text{C},\,165\text{CL},\,165\text{D},\,175,\,176,\,177,\,204,\,211,\,212,\,213,\,231,\,232,\\$

233, 234

CH-104, 105, 106, 112, 114, 221, 222, 223

ESR-171, 172, 173

G-101, 102, 103, 148, 201, 202, 203

GS-104, 105, 106, 107

MTH-105Z, 111Z, 112Z, 211, 212, 213, 243, 244, 251, 252, 253, 254, 256, 261

	PH-121, 122, 123, 201, 202, 203, 211, 212, 213 STAT-243Z Z-201, 202, 203
Cultural Literacy - 1 course • Each course must be at least 3 credits.	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
Computer Science Specific Requirements • Minimum of 16 credits in Computer Science consisting of these courses. • Each course in this section must be completed with a grade of C or better. • Each course must be at least 3 credits.	CS-160, CS-161, CS-162, CS-260
Elective and/or University Specific Requirements	Determined by choice of transfer institution. Contact your transfer advisor for assistance. Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses. Please refer to Elective Course List for AAOT, ASOT-Business, and ASOT-Computer Science, or a listing of courses that may be included.

 ${\it See \ course \ descriptions \ for \ course \ requisites.}$

Note: No course may be used to satisfy more than one requirement or distribution area.

Phone: (503) 378-3600 FAX: (503) 378-5156



Salem, OR 97310-0203

COMMUNITY COLLEGE ASSOCIATE OF SCIENCE AREA OF EMPHASIS AMENDMENT FORM

This form should be completed electronically and the boxes will expand to accommodate text.

ollege: Clackamas Community College											
CAREER LEARNING AREA											
CAREER LEARNING AREA											
	51										
☐ Arts, Information & Communication	ns		☐ Hu	man F	Resou	rces					
☐ Business & Management	☐ Business & Management √ Industrial & Engineering Systems										
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	PROGRAI	AI TI			אוי	4.07		Current			
<u>APPROVED</u> Program Title			APPRO CIP C				<u>PROVED</u> ition Award	Credits			
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			r OCCURS : igit CIP	reporting <u>Zth</u>	9.) <u>8th</u>						
				<u>digit</u>	<u>digit</u>						
AS Area of Emphasis Title:							iate of				
Engineering – Renewable Energ	У						ed Science of Emphasis	99-103			
AS.OITRNWNRGENGR						Alca	or Empileois				
Partnering Institution Name											
Oregon Institute of Technology											
(Oregon Tech)											
Last amondment amound on 05 20 22											
Last amendment approved on 05.20.22	PE OF PR) ()	DAM A	MEN	DME	NT					
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☐ New Agreement	□ Currio	culu	m Revi	sion		Revision	in Program	Credits			
					Pro	nosed Tot	al Credits:	1			
					' '	poscu io	ar Greater				
☐ <i>SUSPENSION</i> of Program	Reason for Se	uspens	ion:		-						
_											
Suspension Effective Date:											

CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.] **CURRENT CURRICULUM 22-23** PROPOSED CURRICULUM 23-24 Course Title Hours Credits Course Title Hours Credits Program Requirements - 1st Year **Fall Term** CH-221 **General Chemistry** 77 5 55 MTH-251 Calculus I 5 ENGR-111 Introduction to Engineering 3 WR-121 **English Composition** 44 4 WR-121Z Composition I 44 Winter Term CH-222 **General Chemistry** 77 5 COMM-111 Public Speaking 44 COMM-**Public Speaking** 44 111Z MTH-252 55 5 Calculus II **Humanities Elective** 3-4 **Spring Term** EC-201 44 Principles of Economics: 4 **MICRO** Or EC-202 or Principles of Economics: **MACRO** MTH-261 44 4 Linear Algebra WR-227 **Technical Report Writing** 44 **WR-227Z Technical Writing Humanities Elective** 3-4 Program Requirements - 2nd Year **Fall Term ENGR-211 Statics** 44 4 4 **ENGR-221** Electrical Circuit Analysis I 33 MTH-254 5 Vector Calculus 55 General Physics with PH-211 77 5 Calculus **Winter Term** ENGR-222 Electrical Circuit Analysis II 66 4 MTH-256 **Differential Equations** 44 4 PH-212 General Physics with 5 Calculus WR-122 **English Composition** 44 4 **WR-122Z** Composition II **Spring Term** Electrical Circuit Analysis III ENGR-223 66 4 PH-213 General Physics with 5 Calculus Social Science Elective 3-4 Social Science Elective 3-4 **Social Science Electives** Choose courses from the following subjects: ANT, EC, GEO, HST, PS, PSY, SOC, SSC, WS **Humanities Electives** Choose courses from the following subjects: ART, ASL (200-level), ENG, FR (200-level), GER (200-level), HUM, MUS, PHL, R, SPN (200-level), TA Optional: While not required for the AS degree, students may complete additional coursework at CCC that will meet requirements for the Bachelor of Science degree at Institute of Technology and is listed below. COMM-219 Up to 3 additional Social Science Elective credits from the list above

99-103

TOTAL PROPOSED CREDITS:

Up to 6 additional Humanities Elective credits from the list above

TOTAL CURRENT CREDITS:

College Contact		Т	Telephone No.		
E-Mail Address		F	Fax No.		
Chief Academic Office	r <i>or</i> CTE Dean Signature			Date	

AGS.GENERAL

Associate of General Studies Degree (AGS)

Requirements	Credit/Courses Required
Writing - 1 course	WR-121Z
Communication - 1 course	COMM-100Z, 111Z, 112, 126, 140, 212, 218Z, 219, 227
Mathematics - 1 course	MTH-065, 080, 095, 098, 105Z or higher level Math or Statistics
Health & Physical Education - 1 course	Any 100-level course or above from the Physical Education/Health/Safety/First Aid Related Instruction list
Arts & Letters - 4 credits	ART-101, 115, 117, 131, 204, 205, 206, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASI-201, 202, 203 BA-130 COMM-112, 126, 140, 212, 218Z, 219, 227 ENG-104, 105, 106, 107, 108, 109, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213, 218, 226, 240, 241, 250, 251, 252, 253, 254, 255, 260, 261, 270, 271, 272, 273, 295, 296 FR-201, 202, 203 HUM-235, 237, 240, 241, 242 J-211, 216 MUS-105, 111, 112, 113, 205, 206, 211, 212, 213 PHI-101, 102, 103, 205, 210, 213, 216 R-101, 102, 103, 204, 210, 211, 212 SPN-201, 202, 203 SSC-237 TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241, 242, 243, 244, 245, 247, 248, 262, 263, 265, 270 WS-101
Social Science - 4 credits	ANT-101, 102, 103, 232 CJA-101, 201 EC-201, 202 GEO-100, 110, 130, 208 HE-163, 164 HST-101, 102, 103, 130, 131, 132, 136, 137, 138, 201, 202, 203 HUM-237 PS-200, 201, 203, 204, 205, 225, 297 PSY-200, 205, 215, 219, 231 SOC-204, 205, 206, 210, 225 SSC-235, 237, 240, 241, 242 WS-101
Science/Math/Computer Science - 4 credits	ASC-175, 176, 177 BI-101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 MTH-105Z, 111Z, 112Z, 211, 212, 213, 243, 244, 251, 252, 253, 254, 256, 261 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 STAT-243Z Z-201, 202, 203
Other College-level Courses - Any course numbered 100 or above that would bring total credits to 90.	Additional college-level coursework (100 number or above) not already used to satisfy any of the above requirements, to reach total minimum of 90 credits
	90 credits

complete a minimum of 90 credits establish cumulative GPA of 2.0 or above complete at least 23 credits at CCC

submit a petition for graduation form to Graduation Services two terms prior to when you expect to graduate.

College: | Clackamas Community College

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

CARFER LEARNING AREA

☐ Ag, Food & Natural Resource Syste	mc	☐ Hea	l+h S	Sorvic	05				
☐ Arts, Information & Communication			- 1100						
	ons		☐ Human Resources☐ Industrial & Engineering Systems						
☐ Business & Management		☐ Ind	ustri	aı & t	ingineering Systems				
	PROGRAM	INFORM	ATI	ON					
<i>APPROVED</i>		APPRO	OVE!	ס	APPROVED	Current			
Program Title		CIP C			Recognition Award	Credits			
		(Include 7 th used for 0							
		report							
(For Official Program Title, refer to your dire http://www.ode.state.or.us/search/results/?		<u>6-digit CIP</u>	7th	8th					
			<u>di</u> git	<u>digit</u>					
AAS Title:					√ AAS				
Auto Body/Collision Repair and		47.060			(90-108 credits)	91-92			
Refinishing Technology		3							
AAS.ABCOLRRTECH									
Option Title**					☐ OPTION to AAS				
					Degree				
Poloto d Duo suo voo					Contificate of				
Related Programs: Auto Body Specialist					Certificate of Completion				
Auto Body/Collision Repair and Refinishing	Technology				Completion				
**Enter name of base degree in 'AAS Title' box									
AST AMENDMENT APPROVED ON 01/18/19									
ТҮ	_	OGRAM AI k ALL That A		IDME	ENT				
☐ New Program++	☐ Currice	ulum Revis	ion		☐ Revision in Prog	ram Credits			
☐ Title Change for Program					Proposed Total Credi	ts:			
Proposed AAS Title:					•	<u> </u>			
Proposed OPTION Title:									
Proposed Certificate Title:									
☐ SUSPENSION of Program	Reason for Sus	spension:							
Suspension Effective Date:									
•					_				

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

			plete the Pr	<u>- ' </u>	culum section only.]					
	CURRENT CURRICULUM			PROPOSED CURRICULUM 23-24						
Course Number	Course Title					Clock Hours	Credits			
	Auto Body/Collision Repair and	Refinishir	ng Technolo	gy Associate	of Applied Science Degree:	1 st Year				
Fall		_								
AB-112	Collision Repair Welding I	48	2							
AB-113	Collision Repair I/Nonstructural	132	6							
ABR-125	Collision Repair/Refinishing I	132	6							
MTH-050 Or MTH-065	Technical Mathematics I or Algebra II	44	4							
Winter		_				_				
AB-123	Collision Repair Welding II	48	2							
AB-133	Collision Repair II/Structural	132	6							
ABR-127	Collision Repair/Refinishing II	132	6							
Spring										
AB-222	Collision Repair III/Advanced Structural	132	6							
ABR-129	Collision Repair/Refinishing III	132	6							
	Human Relations requirement (Recommended: COMM-100 or PSY-101		3	-	Human Relations requirement (Recommended: COMM-100Z or PSY-101		3			
	Auto Body/Collision Repair and	Refinishin	g Technolo	gy Associate	of Applied Science Degree:	2 nd Year				
Fall										
AB-149	Collision Repair Estimating I	28	2							
AB-224	Collision Repair IV/Advanced Structural	132	6							
ABR-225	Production Shop Techniques	132	6							
	PE/Health/Safety/First Aid requirement (Recommended: HE-252 or MFG-107)		3							
Winter										
AB-150	Collision Repair Computerized Estimating - Audatex	44	2							
		400	6							
AB-226	Collision Repair V/Advanced Structural	132	0							
AB-226 AB-235		132 48	2							

Spring								
AB-151	Collision Repair Computerized Estimating - CCC ONE	44	2					
AB-280	Collision Repair/CWE	216	6					
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or English Composition I	33- 44	3-4	
TOTAL CUR	RRENT CREDITS:	TOTAL CURRENT CREDITS: 91-92 TOTAL PROPOSED CREDITS:						

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer of PTE Dean Signature		Date	

Oregon Department of Community Colleges and Workforce Development

College: | Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

CAREER LEARNING AREA

Ag, rood & Natural Resource Syste				ervic		
Arts, Information & Communication	Resou					
☐ Business & Management		□ Inc	lustri	al & E	ingineering Systems	
	PROGRAM	4 INFORM	ΔΤΙ)N		
APPROVED	ROGRAN	APPRO			APPROVED	Current
Program Title		CIP C			Recognition Award	Credits
		(Include 7 th	& 8 th d			
		used for (report		S		
(For Official Program Title, refer to your direction http://www.ode.state.or.us/search/results/?id		6-digit CIP	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>		
AAS Title:					√ AAS	90-91
Automotive Service Technology AAS.AUTOSERTECH		47.0604			(90-108 credits)	
Option Title**					☐ OPTION to AAS	
					Degree	
Certificate Title: <u>Within</u> AAS Degree? □ Ye	es** □				☐ Certificate of	
No Related programs:					Completion	
Under Car Technician-Automatic Transmissi	on CPCC					
Under Car Technician-Manual Transmission	CPCC					
ST AMENDMENT APPROVED ON 01/15/21						
TYI	_	COGRAM A		IDME	INT	
□ New Program++		culum Revi			✓ Revision in Prog	ram Cred
☐ Title Change for Program					Proposed Total Credit	s:
Proposed AAS Title:						
Proposed OPTION Title:						
Proposed Certificate Title:						
□ SUSPENSION of Program	Reason for Su	uspension:				
Suspension Effective Date:						

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM		nete the P		culum section only.] ROPOSED CURRICULU	M 22_2/	1
Course			Cuadita			_	
Course	Course Title	Hours	Credits		Course Title	Hours	Credits
- u -	Automotive Service	I ecnnolog	gy Associa	te of Applied S	cience Degree: 1st Year		
Fall Term	T	Las				ı	
AM-101	Intro to Automotive Service Technology	24	2				
AM-129	Electrical Systems I	100	5				
AM-130	Brake Systems	100	5				
MTH-050	Technical Mathematics I	44	4				
Or	or						
MTH-065	Algebra II						
Winter Term	_	1	_	-			
AM-131	Suspensions Systems	100	5				
AM-133	Engine Systems	100	5				
WR-101	Communication Skills:	33-	3-4	WR-101	Communication	33-	3-4
Or	Occupational Writing	44		Or	Skills: Occupational	44	
WR-121	or English Composition			WR-121Z	Writing		
	English Composition				or Composition I		
	PE/Health/Safety/First		3	_	Composition 1		
	Aid requirement						
	(Recommended: HE-252						
	or MFG-107)						
	•						
Spring Term				-			
AM-135	Power Transmission	100	5				
	Systems						
AM-142	Engine Performance I	100	5				
	Human Relations		3		Human Relations		3
	requirement				requirement		
	(Recommended: PSY- 101 or COMM-100)				(Recommended: PSY- 101 or COMM-100Z)		
		Technoloc	ıv Associat	te of Applied So	cience Degree: 2 nd Year		
Fall Term	Automotive Service	recrimolog	<i>y A</i> 330Ciat	te of Applied St	cicrice Degree: 2 Tear		
AM-201	Automotive Internship	33	3	T			
AM-224	Comfort Systems	100	5		1		
AM-229	Electrical Systems II	100	5				
Winter Term							
AM-242	Engine Performance II	100	5				
AM-245	Automatic Transmission	100	5	1	†		
, 11 2 13	Systems	100					
AM-280	Auto Mechanics/CWE	216	6				
Spring Term							
AM-223	Alternative Fuels	100	5		I		
	Transportation Technology]				
AM-225	Safety Systems	100	5		1		
AM-228	Service Shop Management	44	4				
	Introduction to Welding	44	2	1	1	i	
WLD-102	• Introduction to Melaina	1 44					

College Contact	Jay Le	uck	Telephone No.	3052	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

Oregon Department of Community Colleges and Workforce Development

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text. Current instructions, forms, handouts and other useful resources are located at http://www.ode.state.or.us/search/results/?id=231

College:	College: Clackamas Community College									
CAREER LEARNING AREA										
□ Ag Foo	od & Natural Resource Syste	_	LLA				25			
	□ Ag, Food & Natural Resource Systems □ Health Services □ Arts, Information & Communications □ Human Resources									
	☐ Business & Management ☐ Industrial & Engineering Systems									
	•									
		PROGRA	M IN	IFORM	ATI	ON				
	<u>APPROVED</u>			APPRO	<u>OVED</u>			<u>APPRO</u>	<u>VED</u>	<u>Curren</u>
	Program Title			CIP C			R	ecognitio	n Award	<u>t</u>
				clude 7 th used for (Credits
(For Offic	cial Program Title, refer to your direc	ctory at		report	ing.)	a th	_			
	ww.ode.state.or.us/search/results/?i		<u>6-a</u>	igit CIP	<u>digit</u>	<u>8th</u> <u>digit</u>				
AAS Title:								AAS		
Business			52 .	0201				(90-108 c	redits)	92-96
AAS.BUSINE										
Option Tit	:le**							OPTION to	o AAS	
							_			
Certificate	e Title: <u><i>Within</i></u> AAS Degree? □ Y	'es** □						Certificate Completion		
NO								Completio	OΠ	
	of base degree in 'AAS Title' box				1	I				
ast amendme	nt approved on 03.05.21									
	TY	PE OF PF Che)		RAM A L That /		IDME	ENT			
☐ New P	rogram++	☐ Curri					T	Revisio	n in Progr	am Credits
	hange for Program							Proposed To		
	Proposed AAS Title:						-			-
	Proposed OPTION Title:									
Pr	oposed Certificate Title:									
	ENSION of Program	Reason for S	uspens	sion:						
9	Suspension Effective Date:									
+If new progra	am is an additional award for an e	vistina deare	e or c	ertificate	comp	oto 'Dr	ogra	m Informatio	n' section for	evisting progra

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM 2	22-23		PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
	Business	Associate	of Applied	Science Degre	ee: 1 st Year		=		
Fall Term									
BA-101	Introduction to Business	44	4						
BA-104	Business Math	33	3						
BA-131	Introduction to Business	44	4						
_	Computing								
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
-	PE/Health/Safety/ First Aid requirement		1						
Winter Term	-						_		
BA-119	Project Management Practices	22	2						
BA-226	Business Law I	44	4						
BA-251	Supervisory Management	33	3						
BA-285	Human Relations in Business	44	4						
	Business program elective		3-4						
Spring Term									
BA-206	Management Fundamentals	44	4						
BA-223	Principles of Marketing	44	4						
BA-224	Human Resource Management	44	4						
	Business program elective		3-4						
	Business	Associate	of Applied	Science Degre	ee: 2 nd Year				
Fall Term									
BA-205	Business Communications with Technology	44	4						
BA-211	Financial Accounting	44	4						
	Business program electives		8						
Winter Term									
BA-213	Decision Making with Accounting Information	44	4						
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4		
	Business program elective		6-8						
Spring Term									
BA-217	Budgeting for Managers	33	3						
BA-250	Small Business Management	44	4						
	Business program elective		8						
Business Prog	ram Electives (28-32 credits)	_							
satisfy the red	pleting all AAS Degree requirem quirements for the 1 year Busine I the Management Fundamental	ess Manag	gement		-				

Complete the	oso alastivos in vaur AAC Busin	occ proc	am to						
	ese electives in your AAS Busing Tements for the 1 year Human								
Management		i vesoui ce							
BA-208	Employee and Labor Relations	44	4						
BA-229	Employment Law	44	4						
BA-254	Basic Compensation & Benefits	44	4						
	ese electives in your AAS Busing ements for the 1 year Marketir								-
BA-156	Business Forecasting	33	3						
BA-238	Sales	44	4						
BA-239	Advertising	44	4						
BA-261	Consumer Behavior	44	4						
Technology (Retailing any Business Administration (BBT) course not included in the								
program	a fram tha fallowing.								
CS-125H	e from the following: HTML & Web Site Design	33	3			ı		1	Ĭ
CS-125H CS-135S	Microsoft Excel	33	3					1	
CS-1333	CMS Web Development	33	3						
COMM-111	Public Speaking	44	4	COMM	1-111Z	Public Speaki	nα	44	4
EC-201	Principles of Economics: MICRO	44	4	COMIN	1112	Tublic Speaki	ng .		
EC-202	Principles of Economics: MACRO	44	4						
TOTAL CUR	RENT CREDITS:		92-96	TOTA	L PRO	POSED CRED	ITS:		
College Co	ontact Sharon Parker				Telep	hone No.	3075		
						_			

Fax No.

Date

E-Mail Address

Chief Academic Officer *or* PTE Dean Signature

☐ Ag, Food & Natural Resource Systems

☐ Arts, Information & Communications

■ Business & Management

Clackamas Community College

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203

College:



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

☐ Industrial & Engineering Systems

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

CAREER LEARNING AREA

☐ Health Services

□ Human Resources

PROGRAM INFORMATION									
<u>APPROVED</u> Program Title		APPROVED CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.)			<u>APPROVED</u> Recognition Award	Current Credits			
	(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)		<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>					
AAS Title:					Associate of Applied Science (AAS) Degree				
Related Program: Management Fundamentals Career Pat				☐ OPTION to AAS Degree					
Certificate Title: Within AAS Degree? No Business Management CC.BUSMANAGEMENT	52.0201			√ CC1 (45-60 credits)	47				
*Enter name of base degree in `AAS Title' box ast amendment approved on 03.05.2021									
TY		ROGRAM A eck ALL That A		IDME	ENT				
□ New Program++	☐ Curri	culum Revi	sion		☐ Revision in Prog				
☐ Title Change for Program					Proposed Total Credi	ts:			
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									
□ SUSPENSION of Program	Reason for S	Suspension:							
Suspension Effective Date:									

++If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

				AMENDME				
	[List in a Defined Sequ For a New Prog				iarter-to-quarter r culum section onl			
	CURRENT CURRICULUM			=	ROPOSED CUI		1 23-24	1
Course	Title	Hours	Credits	Course	Title		Hours	Credits
		Busines	ss Manager	nent Certificat	te			
Fall Term								
BA-101	Introduction to Business	44	4					
BA-104	Business Math	33	3					
BA-131	Introduction to Business Computing	44	4					
WR-121	English Composition	44	4	WR-121Z	Composition 1		44	4
Winter Term								
BA-119	Project Management Practices	22	2					
BA-211	Financial Accounting	44	4					
BA-226	Business Law I	44	4					
BA-251	Supervisory Management	33	3					
BA-285	Human Relations in Business	44	4					
Spring Term								
BA-206	Management Fundamentals	44	4					
BA-217	Budgeting for Managers	33	3					
BA-223	Principles of Marketing	44	4					
BA-224	Human Resource Management	44	4					
Catalog Note	es							
	n this program can be applied to s in the Business AAS degree.	partially	satisfy					
TOTAL CUR	RENT CREDITS:		47	TOTAL PR	OPOSED CREDI	TS:		
College Co	ontact Sharon Parker			Tel	lenhone No.	3075		

College Contact	Sharon Parker	Telephone No.	3075	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

Oregon Department of Community Colleges and Workforce Development

Proposed OPTION Title: Proposed Certificate Title:

Suspension Effective Date:

□ SUSPENSION of Program

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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http://www.ode.state.or.us/search/results/?id=231

College: Clackamas	Community Colleg	College				Date			
	CAREER	LEA	RNING	i AR	EA				
☐ Ag, Food & Natural Re					Servic	es			
☐ Arts, Information & Co					Resou				
☐ Business & Manageme			□ Inc	lustri	al & E	ngineering Sy	stems		
	PROGRAM INFORMATION								
<u>APPRO</u>	<u>VED</u>		APPRO	OVED)	APPRO	<u>VED</u>	Curren	nt
Program	Title	CIP Code Recognition Award Credits						is	
		(Include 7 th & 8 th digits used for OCCURS							
/F 0/F : / F 7://			report	ing.)					
(For Official Program Title, re http://www.ode.state.or.us/s		<u>6-d</u>	<u>igit CIP</u>	<u>Z</u> th digit	<u>8</u> th digit				
AAS Title:						√ AAS			
Computer & Network	Administration	11.	0901			(90-108	redits)	90-94	
AAS.COMPNETADMIN									
Option Title**						□ <i>OPTION</i> t	o AAS		
-						Degree			
Certificate Title: Within A	AS Degree 2 T Vec** T					☐ Certificat	e of		-
No	13 Degree: Li Tes · Li					Completic			
Related Program:						-			
Computer & Network Admi									
**Enter name of base degree in 'A ast amendment approved 06.0									
азтанинент арргочей 00.0	TYPE OF P	POG	DAM A	MEN	IDME	NT			
			L That			-14 1			
☐ New Program++	· · · · ·		m Revi	, ,		□ Revisio	n in Progr	am Cre	dits
☐ Title Change for Pro	gram					Proposed T			
Proposed	AAS Title:					-		=	

Reason for Suspension:

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

(CURRENT CURRICULUM 2		31000 010 11		culum section only.] ROPOSED CURRICULUI	M 23-24	!
Course	Title	Hours	Credits	Course	Title	Hours	Credits
	Computer & Netwo	rk Admin	istration As	ssociate of App	plied Science: 1st Year	-	
Fall Term				, ,			
CS-140	Introduction to Operating Systems	44	4				
CS-227	Computer Hardware & Repair	66	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
Winter Term					•		
CS-151	Networking 1	66	4				
CS-228	Computer OS Maintenance & Repair	66	4				
CS-240W	Windows Desktop Administration	55	3				
	Computer & Network Administration program elective		3-5				
Spring Term							
CS-152	Networking 2	66	4				
CS-225	Computer End User Support	44	3				
CS-240L	Linux Administration I	44	4				
CS-279W	Windows Server Administration	60	4				
Summer Term	1						
CS-125H	HTML & Web Site Design	33	3				
CS-280	Computer Science/CWE	108	3				
	Computation requirement		3				
	Human Relations requirement		3-4				
	Computer & Network Ad	dministrat	ion Associa	tion of Applie	d Science Degree: 2 nd Year		
Fall Term							
CS-135DB	Microsoft Access	33	3				
CS-153	Networking 3	66	4				
CS-280	Computer Science/CWE	108	3				
	PE/Health/Safety/ First Aid requirement		1				
	Computer & Network Administration program elective		3-4				
Winter Term							

CS-240M	macOS Administration	55	3				
CS-275	Database Design	33	3				
CS-284	Network Security	66	3				
CS-288W	Windows Network Administration	66	4				
Spring Term			-			-	
CS-280	Computer Science/CWE	108	3				
CS-297N	Networking Capstone	66	4				
	Computer & Network Administration program elective		4				
Computer & I	Network Administration Progran	n Elective	es	-			
BA-101 Or BA-103	Introduction to Business or Business Strategies for Computer Consultants	33-44	3-4				
BA-120	Project Management Fundamentals	44	4				
BT-177	Microsoft Project	33	3				
FYE-101	First Year Experience Level I	22	2				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4
	Any computer science course numbered CS-125 or higher		3-4				
TOTAL CUR	TOTAL CURRENT CREDITS:		90-95	TOTAL PRO	OPOSED CREDITS:		

College Contact	Rick C	arino	Telephone No.	3167	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

Oregon Department of Community Colleges and Workforce Development

Proposed Certificate Title:

Suspension Effective Date:

□ SUSPENSION of Program

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text. Current instructions, forms, handouts and other useful resources are located at http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Communit	ege: Clackamas Community College						
	CADEED	I EADNITM	` A D	ΕΛ			
		LEARNING					
☐ Ag, Food & Natural Resource Syste				Servic			
☐ Arts, Information & Communication	ons			Resou			
☐ Business & Management			lustri	al & E	ingineering Sy	stems	
	PROGRAI	M INFORM	ATI	ON			
APPROVED		APPRO			APPRO	VFD I	Curren
Program Title		CIP C			Recognitio		t
rrogram ride		(Include 7 th aused for 0	& 8 th d	igits S	Recognicio	ii Awara	Credits
(For Official Program Title, refer to your direction http://www.ode.state.or.us/search/results/?i		report <u>6-digit CIP</u>	ing.) <u>Zth</u> <u>digit</u>	<u>8</u> th digit			
AAS Title: Computer & Network Administr			<u>uigit</u>	<u>aigit</u>	☐ Associate Applied Se (AAS) Deg	cience	
Option Title**					OPTION to Degree	o AAS	
Certificate Title: <u>Within AAS Degree?</u> √ Y No Computer & Network Administration CC.COMPNETADMIN		11.0901			✓ CC1R Rela Certificate (45-60 cre	е	52-56
**Enter name of base degree in 'AAS Title' box Last amendment approved on 06.03.22						_	
TY	_	ROGRAM A			NT		
☐ New Program++		culum Revi			☐ Revisio	n in Progra	m Credits
☐ Title Change for Program						otal Credits:	
Proposed AAS Title:					•		
Proposed OPTION Title:							

Reason for Suspension:

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CURRICULUM AMENDMENT

[List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]

	CURRENT CURRICULUM		piete tile Pi		culum section only.] ROPOSED CURRICULU	M 23-24	1
Course	Title	Hours	Credits		Title	Hours	Credits
			<u> </u>	ministration C		110410	0.00.00
Fall Term							
CS-140	Introduction to Operating Systems	44	4				
CS-227	Computer Hardware & Repair	66	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
Winter Term						-	
CS-151	Networking 1	66	4				
CS-228	Computer OS Maintenance & Repair	66	4				
CS-240W	Windows Desktop Administration	55	3				
	Computer & Network Administration program elective		3-5				
Spring Term							
CS-152	Networking 2	66	4				
CS-225	Computer End User Support	44	3				
CS-240L	Linux Administration I	44	4				
CS-279W	Windows Server Administration	60	4				
Summer Terr	n						
CS-125H	HTML & Web Site Design	33	3				
CS-280	Computer Science/CWE	108	3				
	Computation requirement (3				
	Human Relations requirement (3-4				
Computer &	Network Administration Progran	n Elective	S				
BA-101 Or BA-103	Introduction to Business or Business Strategies for Computer Consultants	33-44	3-4				
BA-120	Project Management Fundamentals	44	4				
BT-177	Microsoft Project	33	3				
FYE-101	First Year Experience Level I	22	2				
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4

-	Any computer science course numbered CS-125 or higher		3-4				
TOTAL CURRENT CREDITS:			52-56	TOTAL PROPOSED CREDITS:			

College Contact Rick Co		arino	Telephone No. 3167		
E-Mail Address			Fax No.		
Chief Academic Officer or PTE Dean Signature				Date	

Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203

College:

Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



□ SUSPENSION of Program

Suspension Effective Date:

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

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C	AREER	LEARN)	ING A	ARE	Α				
Ag, Food & Natural Resource System	al Resource Systems								
Arts, Information & Communication	S		Hum	an I	Resou	ırce	5		
☐ Business & Management			Indu	ıstri	al & E	ngi	neering Systems		
PI	ROGRAI	M INFO	<u>RMA</u>	TIC	N				
<u>APPROVED</u>		<u>AP</u>	PROI	<u>VED</u>			<u>APPROVED</u>	Curre	ent
Program Title			P Co			Re	ecognition Award	Cred	its
		(Include	7 th & 8 for OC	8 th di	gits				
			porting						
(For Official Program Title, refer to your director http://www.ode.state.or.us/search/results/?id=		<u>6-digit C</u>		<u>Zth</u> digit	<u>8th digit</u>				
AAS Title:			<u>(</u>	<u>uigit</u>	<u>uigit</u>		Associate of		
AAS Title:						ш	Applied Science		
						(AAS) Degree			
Option Title**							OPTION to AAS		
•							Degree		
						/			
Certificate Title: Within AAS Degree? √ Yes	s** 🗆	44.004				√	CC1 Certificate		
Computer Application Specialist		11.020)2				(45-60 credits)	52-5	94
CC.COMPAPPSPECIAL									
**Enter name of base degree in 'AAS Title' box	_								
ast amendment approved on 02.04.22									
ТҮР	E OF PR				DME	NT			
	` `	ck ALL Th		. , ,					
	☐ Curriculum Revision ☐ Revision in Program Cred				redit				
☐ Title Change for Program						F	Proposed Total Credi	ts:	
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRENT CURRICULUM 2		p.c.c tric 11	PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits		Title	Hours	Credits			
Fall Term			3. 52.65		1,0.0		J. G . 100			
CS-140	Introduction to Operating Systems	44	4							
CS-227	Computer Hardware & Repair	66	4							
WR-101 or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4			
	Computer Application Specialist program electives		3-4		-					
Winter Term	-									
CS-135S	Microsoft Excel	33	3							
CS-135W	Microsoft Word	33	3							
CS-151	Networking I	66	4							
CS-240W	Windows Desktop Administration	55	3							
Spring Term			_			_				
BA-103	Business Strategies for Computer Consultants	33	3							
CS-135DB	Microsoft Access	33	3							
CS-225	Computer End User Support	44	3							
CS-240L	Linux Administration I	44	4							
Summer Tern	า									
CS-125H	HTML & Web Site Design	33	3							
CS-280	Computer Science/CWE	108	3							
	Computation requirement		3							
	Human Relations requirement		3							
Computer Apr	plication Specialist Program Ele	ctives								
BA-101 Or BA-103 Or BA-120	Introduction to Business or Business Strategies for Computer Consultants or Project Management Fundamentals	33-44	3-4							
BT-177	Microsoft Project	33	3							
	Any computer science course numbered CS-125 or higher		3-4							
TOTAL CUR	RENT CREDITS:		52-54	TOTAL PRO	OPOSED CREDITS:					

College Contact	Debra	Carino	Telephone No.	3170	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231 College: **Clackamas Community College Date CAREER LEARNING AREA** ■ Ag, Food & Natural Resource Systems ■ Health Services **Arts, Information & Communications Human Resources** ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED** <u>APPROVED</u> <u>APPROVED</u> Current **Program Title** CIP Code **Recognition Award Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-diait CIP http://www.ode.state.or.us/search/results/?id=232) <u>digit</u> <u>digit</u> **AAS Title:** ☐ AAS **Criminal Justice Option Title**** OPTION to AAS (at least 70% of base AAS. Corrections 43.0102 91-92 90-108 credits) AAS.CORRECTIONS **Related Certificate:** □ Certificate of Completion **Enter name of base degree in 'AAS Title' box LAST AMENDMENT APPROVED ON 11/5/21 TYPE OF PROGRAM AMENDMENT (Check ALL That Apply) ■ New Program++ □ Curriculum Revision □ Revision in Program Credits □ Title Change for Program **Proposed Total Credits: Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:** Reason for Suspension: □ SUSPENSION of Program **Suspension Effective Date:**

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

(CURRENT CURRICULUM			PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours	Credits			
	Correction	ns Associa	te of Applie	ed Science De	egree: 1 st Year	<u> </u>				
Fall Term										
CJA-110	Introduction to Law Enforcement	33	3							
CJA-122	Criminal Law	44	4							
MTH-098	College Math Foundations	44	4							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
Winter Term										
CJA-101 Or	Criminology or	44	4							
CJA-201	Juvenile Delinquency									
CJA-120	Introduction to Courts	33	3							
CJA-203	Crisis Intervention	33	3							
HS-156	Conducting Human Service Interviews	33	3							
LIB-101	Introduction to Library Research	11	1							
Spring Term										
CJA-130	Introduction to Corrections	33	3							
CJA-216	Implicit Bias and Policing	33	3							
HD-161	Multicultural Awareness	33	3							
PSY-219	Introduction to Abnormal Psychology	44	4							
		Associat	ion of Appli	ed Science D	egree: 2 nd Year					
Fall Term										
CJA-223	Criminal Justice Ethics	33	3							
CJA-252	Introduction to Restorative Justice	33	3							
HDF-260	Understanding Child Abuse and Neglect	44	4							
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3							
	Corrections program elective		3-4							
Winter Term										
CJA-134	Correctional Institutions	33	3							
CJA-170	Careers in Criminal Justice	33	3							
HPE-296	Health and Fitness for Criminal Justice	60	3							
HS-211	Infectious Diseases and Harm Reduction	11	1							
HS-216	Group Counseling Skills	33	3							
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4			
Spring Term										

CJA-215	Sexual Abuse and Human Trafficking	33	3			
CJA-232	Case Management	33	3			
CJA-250	Reporting, Recording & Testifying	44	4			
CJA-270	Criminal Justice Capstone	33	3			
CJA-280 Or HD-102	Criminal Justice/Corrections/CWE Or Service Learning Experience	108	3			
Corrections Pro	ogram Electives					
	e not already included in the C by of the following:	Correction	S			
GRN-183	Death and Dying	33	3			
HST-131	History of Crime & Punishment in Western Civilization	44	4			
TOTAL CURR	ENT CREDITS:		91-92	TOTAL PRO	OPOSED CREDITS:	

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature	er <i>or</i>		Date	

College: Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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CAREER LEARNING AREA											
☐ Ag, Food & Natural Resource Syste			Health		es				\neg		
☐ Arts, Information & Communication			Human			<u> </u>					
☐ Business & Management	_					neering Sys	tems				
3						<u> </u>					
	PROGRAI	M INFO	RMATI	ON							
APPROVED		APF	PROVEL)		APPROV	'ED	Currei	nt		
Program Title			P Code		Re	ecognition	Award	Credit	ts		
			7 th & 8 th (for OCCUI								
			orting.)								
(For Official Program Title, refer to your direction http://www.ode.state.or.us/search/results/?i		<u>6-digit C</u>	IP <u>Zth</u>	<u>8th</u>							
AAS Title:			uigit	uigit	√	AAS					
Criminal Justice		43.010	7		V	(90-108 cr	edits)	90-92			
AAS.CRIMJUSTICE		45.010				(20 200 0.	· · · · · · · · · · · · · · · · · · ·				
Related Option:						OPTION to	AAS				
Corrections						Degree					
Related Certificates:						Certificate	of				
						Completion	1				
**Enter name of base degree in 'AAS Title' box											
AST AMENDMENT APPROVED ON 11/5/21											
TY	PE OF PE	ROGRAM	1 AMEI	NDMI	ENT						
	(Che	ck ALL Th	at Apply)							
□ New Program++	☐ Curri	culum R	evision		✓	Revision	in Prog	ram Cre	dits		
☐ Title Change for Program					P	roposed To	tal Credit	s:			
Proposed AAS Title:											
Proposed OPTION Title:											
Proposed Certificate Title:											
□ SUSPENSION of Program	Reason for S	Suspension:									
Suspension Effective Date:											

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRENT CURRICULUM		piece the ri	PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits		Title	Hours	Credits			
GGUIIG			•		Degree: 1 st Year	110010	0.00.00			
Fall Term										
CJA-110	Introduction to Law	33	3							
	Enforcement									
CJA-122	Criminal Law	44	4				<u> </u>			
MTH-098	College Math Foundations	44	4							
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4			
Winter Term					_					
CJA-101	Criminology	44	4							
Or CJA-201	Or Juvanila Dalinguangy									
CJA-201 CJA-120	Juvenile Delinquency Introduction to Courts	33	3			-				
CJA-120 CJA-203	Crisis Intervention	33	3			_				
LIB-101	Introduction to Library	11	1							
LID-101	Research	11	1							
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4			
Spring Term				=	=	•				
CJA-130	Introduction to Corrections	33	3							
CJA-216	Implicit Bias and Policing	33	3							
HD-161	Multicultural Awareness	33	3							
PSY-219	Introduction to Abnormal Psychology	44	4							
		tice Assoc	iate of App	lied Science [Degree: 2 nd Year					
Fall Term										
CJA-210	Criminal Investigation I	33	3							
CJA-214	Intimate Partner Violence	33	3							
CJA-223	Criminal Justice Ethics	33	3							
HDF-260	Understanding Child Abuse and Neglect	44	4							
	Criminal Justice program		3-4							
	electives									
Winter Term										
CJA-170	Careers in Criminal Justice	33	3							
CJA-211	Criminal Investigation II	33	3				<u> </u>			
CJA-222	Procedural Law	33	3				<u> </u>			
HPE-296	Health and Fitness for Criminal Justice	60	3							
	Criminal Justice program electives		3-4							
Spring Term										
CJA-200	Community Policing	33	3							
CJA-212	Criminal Investigation III	33	3							
CJA-250	Reporting, Recording & Testifying	44	4							
CJA-270	Criminal Justice Capstone	33	3			1				

CJA-280 Or HD-102	Criminal Justice/Corrections/CWE Or Service Learning Experience	108	3				
Criminal Justic	e Program Electives		-			-	
Any CJA cours any of the follo	e not included in the Crimina owing:	l Justice P	rogram, or				
GRN-183	Death and Dying	33	3				
HST-131	History of Crime & Punishment in Western Civilization	44	4				
TOTAL CURR	RENT CREDITS:		90-92	TOTAL PRO	OPOSED CREDITS:		

College Contact	Sharro	n Furno	Telephone No.	3475	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

Proposed AAS Title:
Proposed OPTION Title:
Proposed Certificate Title:

Suspension Effective Date:

□ SUSPENSION of Program

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

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http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Communit	y College	e			Date			
	CARFFR	LEARNING	S ARI	FΔ				
☐ Ag, Food & Natural Resource Syste				ervice	26			
☐ Arts, Information & Communication				Resou				
☐ Business & Management	113		_		ngineering Sy	stems		
E Business & Hanagement		<u> </u>	austi i	ui a Li	inginice inig 5 y	Jeenis .		
	PROGRAI	M INFORM	IATIO	ON				
APPROVED		APPR	OVED		APPRO	VED	Curi	rent
Program Title		CIP C	Code		Recognition	1 Award	Cre	dits
		(Include 7 th used for						
		report						
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?i		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th</u> diait				
AAS Title:			<u>urgre</u>	<u>uigit</u>	☐ Associate Applied Se (AAS) Deg	cience		
Option Title**					OPTION to Degree	o AAS		
Certificate Title: Within AAS Degree? No Dental Assistant CC.DENTALASST	/es** √	51.0601			√ CC1 (45-60 cre	edits)	53-	54
**Enter name of base degree in 'AAS Title' box AST AMENDMENT APPROVED ON 1/19/2018								
TY		ROGRAM A		IDME	NT			
■ New Program++	☐ Curric	culum Revi	sion		✓ Revisio	n in Progr	am C	redits
☐ Title Change for Program					Proposed To			

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

C	URRENT CURRICULUM .	22-23		P.	ROPOSED CURRICULUI	M 23-24	4
Course	Course Title	Hours	Credits	Course	Title		Credits
First Term						•	
DA-101	Dental Radiology I	22	2				
DA-101L	Dental Radiology I Lab	33	1				
DA-104	Clinical Procedures I	22	2				
DA-104L	Clinical Procedures I Lab	33	1				
DA-107	Dental Materials I	22	2				
DA-107L	Dental Materials I Lab	33	1				
DA-110	Clinical Practicum I	40	1				
DA-115	Dental Science	22	2				
DA-125	Dental Infection Control	22	2				
WR-101	Communication Skills:	33-	3-4		Communication Skills:		3-4
Or	Occupational Writing	44		WR-101	Occupational Writing		
WR-121	or			Or	or	33-	
	English Composition	<u> </u>		WR-121Z	Composition I	44	
Second Term		•					
DA-102	Dental Radiology II	22	2				
DA-102L	Dental Radiology II Lab	33	1				
DA-105	Clinical Procedures II	22	2				
DA-105L	Clinical Procedures II Lab	33	1				
DA-108	Dental Materials II	22	2				
DA-108L	Dental Materials II Lab	33	1				
DA-120	Clinical Practicum II	176	5				
PSY-101	Human Relations	33	3				
Third Term							
DA-106	Clinical Procedures III	22	2				
DA-106L	Clinical Procedures III Lab	33	1				
DA-130	Clinical Practicum III	262	8				
DA-135	Pharmacology/Medical	22	2				
	Emergencies						
DA-145	Dental Office Procedures	22	2				
MTH-050	Technical Mathematics	44	4				
Or MTH-065	I or						
M111-005	Algebra II						
Catalog Notes	7.90014 11						
	edules (am/pm) are based on	lottery.					
	Il be provided at orientation.						
	care Provider level CPR (AHA)	and First	Aid				
certification are	e required during practicums.	All DA stu	udents will				
	complete a criminal history ba						
	nization, and students will be	asked to t					
	ranged by the department.	rada in al	Il roquirod				
	must achieve a C or higher go advancing to the next term.		ıı required				
	n is sequential and may not b		ut of				
	riculum is intended to be com						
consecutive ter		.p.2000 01					

TOTAL CURRENT CREE	DITS:		53-54	TOTAL	. PROPOSED CREDIT	TS:	
College Contact	health-	sciences-questions@	@clackama	as.edu	Telephone No.		
E-Mail Address					Fax No.		
Chief Academic Office PTE Dean Signature						Date	

College: Clackamas Community College

Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:

Suspension Effective Date:

□ SUSPENSION of Program

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

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http://www.ode.state.or.us/search/results/?id=231

	CAREER	LEAR	RNING	S AR	EA			
☐ Ag, Food & Natural Resource Syste	ems		☐ He	alth S	ervice	es		
☐ Arts, Information & Communication		☐ Human Resources						
☐ Business & Management			□ Inc	dustri	al & E	ngineering Sys	stems	
	PROGRA	M IN	FORM	IATIO	NC			
<u>APPROVED</u>			APPR (OVED		<u>APPRO</u> I	/ED	Current
Program Title			CIP C			Recognition	Award	Credits
			lude 7 th sed for (
(For Official Program Title, refer to your directory at			report	ing.)				
http://www.ode.state.or.us/search/results/?i		<u>6-dig</u>	iit CIP	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>			
AAS Title:						√ AAS		
Early Childhood Education & Fa	mily	19.0	708			(90-108 cr	redits)	90-92
Studies	•							
AAS.EARLYCHILDFAM								
Option Title**						□ OPTION to	AAS	
						Degree		
Related Certificates:						□ Certificate	_	
Early Childhood Education & Family Stu	ıdies					Completion	n	
Certificate								
AST AMENDMENT APPROVED ON 10.15.21								
	PE OF PE	ROGR	2ΔΜ Δ	MFN	DMF	NT		
	_		That /					
☐ New Program++	☐ Curri	culun	n Revi	sion		☐ Revision	n in Progra	m Credit
□ Title Change for Program						Proposed To	tal Credits:	

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

\overline{C}	URRENT CURRICULUM		piete trie Fi	PROPOSED CURRICULUM 23-24							
Course	Title	Hours	Credits		Course Title	Hours					
					lied Science Degree: 1st Ye						
Fall Term	,				<u>, </u>						
ECE-150	Introduction to Early Childhood Education & Family Studies	33	3								
ED-216	Foundations of Teaching & Education	44	4								
MTH-050 Or MTH-065 Or MTH-098	Technical Mathematics I or Algebra II or College Math Foundations	44	4								
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4				
Winter Term											
ECE-121	Observation and Guidance I in ECE Settings	44	4								
ECE-154	Language & Literacy Development	44	4								
ECE-235	Safety, Health and Nutrition	33	3								
HDF-225	Prenatal, Infant & Toddler Development	33	3								
Spring Term											
ECE-179	The Professional in Early Childhood Education and Family Studies	44	4								
ECE-240	Environments and Curriculum Planning	44	4								
ECE-280	Early Childhood Education/CWE	108	3								
ED-258	Multicultural Education	33	3								
HDF-247	Preschool Through Adolescent Child Development	33	3								
	Early Education & Fa	mily Stud	ies Associat	te of Applied S	cience Degree: 2 nd Year						
Fall Term											
ECE-221	Observation & Guidance II in ECE Settings	44	4								
ECE-241	Environments and Curriculum Planning: Infants and Toddlers	33	3								
HDF-260	Understanding Child Abuse and Neglect	44	4								

	PE/Health/Safety/ First Aid requirement		2-3				
Winter Term		_	<u> </u>			<u> </u>	
ECE-291	Practicum II	120	4				
ED-169	Overview of Students with Special Needs	33	3				
ED-254	Instructional Strategies for Dual Language Learners	33	3				
	Early Childhood Education program electives		5				
Spring Term			_			-	-
ECE-239	Helping Children and Families Cope With Stress	33	3				
ECE-292	Practicum III	120	4				
ED-114	Instructional Strategies for Math	33	3				
ED-246	School, Family & Community Relations	44	4				
HDF-140	Contemporary American Families	33	3				
	od Education & Family Studies					_	
BA-101	Introduction to Business	44	4				
COMM-100	Basic Speech Communication	33	3	COMM-100Z	Introduction to Communication	44	4
COMM-140	Introduction to Intercultural Communication	44	4				
ECE-139	Program Management in ECE	11	1				
ECE-142	Media, Technology and the Influences on Child Development	11	1				
ECE-143	Kindergarten Readiness	11	1				
ED-150	Creative Activities for Children	33	3				
ED-229	Learning & Development	33	3				
FYE-101	First Year Experience Level I	22	2				
HS-154	Community Resources	33	3				
HST-138	History of Love, Marriage and the Family in Western Civilization	44	4				
PSY-101	Human Relations	33	3				
PSY-205	Introduction to Psychology: Part 2	44	4				
PSY-215	Introduction to Developmental Psychology	44	4				
SOC-204	Introduction to Sociology	44	4				
SPN-101	First-Year Spanish I	44	4				
SPN-102	First-Year Spanish II	44	4				
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4

WS-101	Introduction to Women's Studies	44	4			
TOTAL CUI	RRENT CREDITS:		90-92	TOTAL PRO	POSED CREDITS:	

College Contact	Dawn	Hendricks	Telephone No.		
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

Clackamas Community College

Phone: (503) 378-3600

Revision in Program Credits

Proposed Total Credits:

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203

College:



New Program++

□ Title Change for Program

☐ SUSPENSION of Program

Proposed AAS Title:
Proposed OPTION Title:
Proposed Certificate Title:

Suspension Effective Date:

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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CAREER LEARNING AREA

Ag, Food & Natural Resource Systems		Hea	alth S	Services					
☐ Arts, Information & Communications		Hui	man l	Resou	irces				
☐ Business & Management	□ Industrial & Engineering Systems								
PROGRA	M INFO	RM	ATIO	N					
<u>APPROVED</u>	<u>APPROVED</u>				<u>APPROVED</u>	Current			
Program Title	_	IP C			Recognition Award	Credits			
	(Includ		& 8 th di OCCUR						
75 OF 110 THE 1	re	eporti							
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)	6-digit CIP 7 th 8 digit dig								
AAS Title:					☐ Associate of				
Early Childhood Education & Family					Applied Science				
Studies AAS					(AAS) Degree				
Option Title**					☐ OPTION to AAS				
					Degree				
Certificate Title: Within AAS Degree? √ Yes** □					√ CC1R Related				
No	19.07	01			Certificate	45-46			
Early Childhood Education & Family					(45-60 credits)				
Studies									
CC.ECEFS **Enter name of base degree in 'AAS Title' box									
AST AMENDMENT APPROVED ON 06.04.21									
TYPE OF PI	ROGRA	МА	MEN	DME	NT				
	eck ALL T								

□ Curriculum Revision

		CURRI	CULUM A	AMENDME	NT		
C	CURRENT CURRICULUM A	22-23		P	ROPOSED CURRICULU	M 23-24	ţ
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
Fall Term							
ECE-150	Introduction to Early Childhood Education & Family Studies	33	3				
ED-216	Foundations of Teaching & Education	44	4				
MTH-050 Or MTH-065 Or MTH-098	Technical Mathematics I or Algebra II or College Math Foundations	44	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
Winter Term							
ECE-121	Observation and Guidance I in ECE Settings	44	4				
ECE-154	Language & Literacy Development	44	4				
ECE-235	Safety, Health and Nutrition	33	3				
HDF-225	Prenatal, Infant & Toddler Development	33	3				
Spring Term							
ECE-179	The Professional in Early Childhood Education and Family Studies	44	4				
ECE-240	Environments and Curriculum Planning	44	4				
ECE-280	Early Childhood Education/CWE	108	3				
ED-258	Multicultural Education	33	3				
HDF-247	Preschool Through Adolescent Child Development	33	3				
TOTAL CURR	RENT CREDITS:		45-46	TOTAL PR	OPOSED CREDITS:		

College Contact	Dawn Hendricks	Telephone No	6158	
E-Mail Address	dawn.hendricks@clackama	s.edu Fax No.		
Chief Academic Office PTE Dean Signature	er <i>or</i>		Date	

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



□ SUSPENSION of Program

Suspension Effective Date:

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College: **Clackamas Community College Date CAREER LEARNING AREA Ag, Food & Natural Resource Systems** ■ Health Services **Arts, Information & Communications** □ Human Resources ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION **APPROVED** <u>APPROVED</u> <u>APPROVED</u> Current **Program Title** CIP Code **Recognition Award Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-diait CIP http://www.ode.state.or.us/search/results/?id=232) <u>digit</u> <u>digit</u> **AAS Title:** ■ Associate of **Applied Science** (AAS) Degree ☐ OPTION to AAS **Option Title**** Degree **EFA Business** √ EFA **EFA.BUSINESS** 17-19 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) ■ New Program++ □ Curriculum Revision **Revision in Program Credits** □ Title Change for Program **Proposed Total Credits: Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:**

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

CU	RRENT CURRICULUM	22-23			PROPOSED CURRICULU	M 23-24	4
Course	Title	Hours	Credits	Course	Title	Hours	Credits
BA-101	Introduction to Business		4				
BA-104 Or Math based on advising placement	Business Math		3-5				
BA-131	Introduction to Business Computing		4				
FYE-101	First Year Experience Level I		2				
WR-121	English Composition		4	WR- 121Z	Composition I	44	4
TOTAL CURRENT CREDITS: 17-19		17-19	TOTAL P				

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer <i>or</i> PTE Dean Signature		Date	

Suspension Effective Date:

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College: Clackamas Communit	ty College	College					9			
	CAREER	LEA	RNING	ARI	EA					
☐ Ag, Food & Natural Resource Syste	_				ervic	es				
☐ Arts, Information & Communication					Resou					
☐ Business & Management		☐ Industrial & Engineering Systems								
	PROGRA	M TN	IFORM	ΔΤΙ)N					
APPROVED Program Title			APPRO CIP C	OVED Code		_	<i>PPRO</i> gnitior	VED n Award	Curre	
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)			clude 7 th used for (report igit CIP	CCUR						
AAS Title:						Арр	ociate olied So (S) Deg	cience		
Option Title**						□ <i>OP</i> Deg	<i>TION</i> to gree	D AAS		
EFA, Creative Arts, Communicate Humanities EFA.CARTSCOMMHUM	tion &					√ EFA	١		27	
ТҮ	'PE OF PF (Che		RAM A		IDME	NT				
□ New Program++□ Title Change for Program	☐ Curriculum Revision					n in Prog otal Credit		edit		
Proposed AAS Title:						T				
Proposed OPTION Title:										
Proposed Certificate Title:										
□ SUSPENSION of Program	Reason for S	Suspens	sion:							

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

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С	URRENT CURRICULUM .	22-23			PROPOSED CURRICULU	M 23-24	4
Course	Title	Hours	Credits	Course	Title	Hours	Credits
ART-115	Basic Design: 2- Dimensional Design		4				
EFA-101C	Introduction to the Creative Arts Communication and Humanities		2				
FYE-101	First Year Experience Level I		2				
MUS-105	Music Appreciation		3				
PHL-102	Ethics		4				
TA-101	Appreciation of Theatre		4				
WR-121	English Composition		4	WR- 121Z	Composition I	44	4
	World Language Course		4				
TOTAL CURR	ENT CREDITS:		27	TOTAL P	ROPOSED CREDITS:		

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer or PTE Dean Signature		Date	

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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College:	Clackamas Communit	y College	College					Date			
		CAREER	LEA	DAITAL	SARI	F.A.					
□ Ac Eco		CAREER	LEA								
	d & Natural Resource Syste formation & Communication										
	ss & Management	,,,,						neering Sy:	stems		
								<u> </u>			
		PROGRAI	M IN	IFORM	IATIO	ON					
	<u>APPROVED</u>			<u>APPR</u>	OVED)		<u>APPRO</u>	<u>VED</u>	Curr	ent
	Program Title			CIP			R	ecognition	n Award	Cre	dits
					& 8 th di						
(For Office	(For Official Program Title, refer to your directory a				ing.)	8 th					
http://wv		<u>0-u</u>	<u>igit CIP</u>	<u>digit</u>	<u>digit</u>						
AAS Title:	AAS Title:							Associate	_		
								Applied So (AAS) Deg			
Option Tit	·le**							OPTION to AAS			
							_	Degree			
EEA Hoo	Ith Professions						- /	EFA		15-1	6
EFA.HEALTH							V	LFA		13-1	
act amondmo	nt approved on 4/1/22										
ast amenume		PE OF PE	20G	DAM A	MEN	DME	NT				
	••	_		L That		DIVIL					
☐ New P	rogram++	□ Curri			,		√	Revisio	n in Prog	ram C	redits
☐ Title Cl	hange for Program						P	Proposed To	otal Credit	s:	
	Proposed AAS Title:										
	Proposed OPTION Title:										
Pro	oposed Certificate Title:										
	□ SUSPENSION of Program Reason for										
9	Suspension Effective Date:										
+If new progra	am is an additional award for an e	xisting degre	e or c	ertificate	, compl	lete 'Pr	ogra	m Informatio	n' section fo	r existin	ıg prograr

	[List in a Defined Sequ	ience of C	Courses For		Quarter-to-quarter mapping.					
C	URRENT CURRICULUM		nete the Pi	Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits	Course	Title	Hours Cred				
BI-120	Introduction to Human Anatomy and Physiology		4							
FYE-101	First Year Experience Level I		2							
HE-202 Or MA-100	Introduction to Fitness Technology Careers or Introduction to Medical Assisting	11-22	1-2							
MA-110	Medical Terminology		4							
WR-121	English Composition		4	WR- 121Z	Composition I	44	4			
Notes										
All courses mu	st be passed with a C or bett	er				•				

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer of PTE Dean Signature		Date	

TOTAL PROPOSED CREDITS:

15-16

TOTAL CURRENT CREDITS:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text. Current instructions, forms, handouts and other useful resources are located at http://www.ode.state.or.us/search/results/?id=231

College: Clackamas Communit	e: Clackamas Community College						ate			
	CAREER	ΙΕΛΙ	NTNO	: ADI	FΛ					
☐ Ag, Food & Natural Resource Syste		LLAI		alth S		es				
☐ Arts, Information & Communication			_	man			<u> </u>			
☐ Business & Management							neering Sys	stems		
	PROGRAI	M IN	FORM	ATIO	NC					
<u>APPROVED</u>			<u>APPR</u>				<u>APPRO</u>		Curr	
Program Title		/T	CIP C			Re	ecognition	n Award	Cre	dits
			sed for (CCUR						
(For Official Program Title, refer to your dire	ctory at	6-di	report ait CIP	ing.) 7 th	8 th					
http://www.ode.state.or.us/search/results/?i	<u>d=232</u>)	<u> </u>	<u> </u>	<u>digit</u>	<u>digit</u>					
AAS Title:							Associate	-		
							Applied So (AAS) Deg			
Option Title**							OPTION to			
						I .	Degree			
EFA, Teaching & Education						٦/	EFA		17	
EFA.TEACHEDUC						V	LIA		1	
ast changed on 1/29/21										
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☐ New Program++	□ Curri	culur	n Revi	sion		✓	Revisio	n in Prog	ram C	redits
□ Title Change for Program						P	roposed To	otal Credit	s:	
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
☐ SUSPENSION of Program	Reason for S	uspens	ion:							
Suspension Effective Date:										

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(CURRENT CURRICULUM	22-23		PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
ED-216	Foundations of Teaching & Education		4						
FYE-101	First Year Experience Level I		2						
HPE-295	Health & Fitness for Life		3						
MTH-065 Or MTH-211 Or MTH-212 Or MTH-213	Algebra II Or Fundamentals of Elementary Math I Or Fundamentals of Elementary Math II Or Fundamentals of Elementary Math III		4						
WR-121	English Composition		4	WR- 121Z	Composition I	44	4		
TOTAL CURR	RENT CREDITS:		17	TOTAL P	ROPOSED CREDITS:				

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Offic	er <i>or</i>		Date	
PTE Dean Signature				

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



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http://www.ode.state.or.us/search/results/?id=231

College:	Clackamas Communit	y College	е				Date				
		CAREER	ΙFΔ	RNTN	G API	FΔ					
□ Ag. Foo	od & Natural Resource Syste				ealth S		es				
	formation & Communication			_	uman						
	ss & Management			☐ Ir	ndustri	al & E	ingineering Sy	stems			
	PROGRAM INFORMATION										
	<u>APPROVED</u>			•	OVED	<u>.</u>	<u>APPRO</u>			rent	
	Program Title			CIP	Code		Recognition	n Award	Cre	dits	
		<u>6-di</u>	git CIP	<u>Zth</u> diait	<u>8</u> th digit						
(For Offic	cial Program Title, refer to your direc	ctory at			uigit	uigit					
http://ww	ww.ode.state.or.us/search/results/?i										
Parent AA		mal AAC	43 (0302	I	*	□ AAS Degree (90-108 credits) 90			2	
AAS.EMP	cy Management Profession	nai AAS	75.0	J302	•		(90-108 creu	its)	90-9	2	
Option Tit	tle**						□ <i>OPTION</i> t	o AAS			
							Degree				
	e Title: <u><i>Within</i></u> AAS Degree?√Y	′es** □					☐ CC1R Rela				
No							Certificate	9			
	of base degree in 'AAS Title' box		-								
ast amendme	nt approved on 3/4/22	DE 05 33		D 4 1 5	A B 4 E B 1						
	IY	PE OF PF (Che			AMEN : Apply)	IDME	:N I				
	rogram++	☐ Curri	culu	m Rev	ision		□ Revisio	n in Prog	ram C	redits	
☐ Title C	hange for Program						Proposed To	otal Credit	s:		
	Proposed AAS Title:										
	Proposed OPTION Title:										
Pr	oposed Certificate Title:										
□ SUSP	ENSION of Program	Reason for S	Guspens	sion:							
	Suspension Effective Date:										

C	CURRENT CURRICULUM	22-23	•	PROPOSED CURRICULUM 23-24							
Course	Title	Hours	Credits	Course	Title	Hours	Credits				
Fall Term											
EMP-201	Introduction to Homeland Security and Emergency Management	44	4								
EMP-202	Threat and Hazard Assessment for Emergency Management Professionals	33	3								
EMP-204	Foundations of Emergency Planning	44	4								
	Computation requirement		4								
Winter Term	1					-					
COMM-218	Interpersonal Communication	44	4	COMM- 218Z	Interpersonal Communication	44	4				
EMP-206	Hazard Mitigation	33	3								
EMP-208	Disaster Response and Recovery	44	4								
EMP-222	Terrorism Awareness and Response	22	2								
EMP-224	Science of Disasters	22	2								
Spring Term											
EMP-210	Developing and Managing Volunteer Resources	44	4								
EMP-212	Public Health and Medical Emergency Management	33	3								
EMP-214	Technology in Emergency Management	44	4								
EMP-216	Emergency Management Laws and Ethics	22	2								
*	Elective (100 level or above)		2-4								
Year 2											
Fall Term											
EMP-218	Public Information Officer and External Affairs	22	2								
GIS-101	Principles of Geospatial Technology	44	2								
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4				
	Focus Area Courses		7								
Winter Term	1										
COMM-140	Introduction to Intercultural Communication	44	4								

		_			_	
EMP-220	Introduction to Emergency Management Public Administration and Policy	22	2			
_	Focus Area Courses		9			
Spring Term						
EMP-226		4.4	1	ı	I	
EMP-226	Business Continuity Fundamentals	44	4			
-	PE/Health/Safety/First Aid requirement		1			
	Focus Area Courses		10			
Catalog Note	es					
	vho have not satisfied WR-12 WR-121 in spring term.	1 or equi	valent	vho have not satisfied WR-1 WR-121Z in spring term.	21Z or eq	uivalent
Focus Areas						
Complete al	ll courses from one of the foll	owing Fo	cus Areas			
Wildland Fir		<u> </u>				
2.2.10.11	Introduction to Wildland	I			I	
	Firefighting (S-130/S-					
FRP-130	190/ICS-100/IS-700/L-180)	44	2			
FRP-131	Advanced Firefighter Training (S-131/S-133)	20	1			
FDD 200	Basic Incident Command System (I-100, I-200, IS-	4.4				
FRP-200	700, IS-800)	44	4			
FRP-211	Portable Pumps and Water Use (S-211)	33	2			
FRP-244	Wilderness II: Basic Land Navigation (S-244)	44	3			
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	20	2			
FRP-249	Followership to Leadership (L-280)	20	2			
FRP-250	Wilderness VI: Basic Tool Use and Care	16	1			
FRP-270	Basic Air Operations (S-270)	12	1			
FRP-294	Intermediate Incident Command System (I-300)	21	2			
	Any BA, CJA, EC, EMP, EMT, FRP, GIS, or HS course not included in the program	12	6			
Emergency	Medical Technician					
BI-231	Human Anatomy & Physiology I	66	4			
יין בי	Emergency Medical	00	7		1	
EMT-101	Technician Part I	99	6			
EMT-102	Emergency Medical Technician Part II	99	6			
EMT-105	Introduction to Emergency Medical Services	33	3			

	Emergency Response				
	Communication/Document				
EMT-109	ation	24	2		
MA-110	Medical Terminology	44	4		
	Any BA, CJA, EC, EMP, EMT,				
	FRP, GIS, or HS course not				
	included in the program		1		
Managemen	t				
	Project Management				
BA-120	Fundamentals	44	4		
BA-123	Leadership & Motivation	33	3		
BA-223	Principles of Marketing	44	4		
	Human Resource				
BA-224	Management	44	4		
BA-251	Supervisory Management	33	3		
PSY-101	Human Relations	33	3		
	Any BA, CJA, EC, EMP, EMT,				
	FRP, GIS, or HS course not		_		
	included in the program		5		
Fire Service	Administration				
	Basic Incident Command				
	System (I-100, I-200, IS-				
FRP-200	700, IS-800)	44	4		
FCT 202	Principles of Emergency	22	_		
FST-202	Services	33	3		
FST-204	Fire Protection Systems	33	3		
FST-206	Fire Behavior and Combustion	33	3		
FST-200	Fire Prevention	33	3		
F31-212	Building Construction for	33	3		
FST-214	Fire Protection	33	3		
131 214	Principles of Fire and	33	,		
	Emergency Services Safety				
FST-216	and Survival	33	3		
	Any BA, CJA, EC, EMP, EMT,				
	FRP, GIS, or HS course not				
	included in the program		4		
Geographic I	Information Systems (GIS)				
	Project Management				
BA-120	Fundamentals	44	4		
	Introduction to Physical				
GEO-100	Geography	44	4		
	Principles of Geospatial				
GIS-101	Technology	44	2		
010 224	Introduction to Geographic	66			
GIS-201	Information Systems	66	3		
CIC 202	Intermediate Geographic	66			
GIS-202	Information Systems	66	3		
GIS-205	Cartography and Map	33	3		
JI3-2U3	Making	3 3	3		
GIS-232	Data Collection & Application	44	2		
013-232	Application	44			

GIS-238	GIS Web Mapping and Services	44	2							
	Any BA, CJA, EC, EMP, EMT FRP, GIS, or HS course not included in the program		3							
Criminal Ju	Criminal Justice									
CJA-101	Criminology	44	4							
CJA-110	Introduction to Law Enforcement	33	3							
CJA-122	Criminal Law	44	4							
PSY-219	Introduction to Abnormal Psychology 44		4							
SOC-204	Introduction to Sociology	44	4							
	Any BA, CJA, EC, EMP, EMT FRP, GIS, or HS course not included in the program		7							
TOTAL CU	TOTAL CURRENT CREDITS:			TOTAL P	ROPOSED CREDITS:					
College C	Contact			Telephone No.						
E-Mail Ac	ldress			Fax No.						
	ndemic Officer <i>or</i> n Signature				C					

Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203

College:

Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



□ SUSPENSION of Program

Suspension Effective Date:

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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	CAREER	LEARNING	G AR	EA			
Ag, Food & Natural Resource System	√ Health Services						
☐ Arts, Information & Communication	ons	☐ Hu	ıman	Resou	ırces		
☐ Business & Management		□ In	dustri	al & E	Ingineering Systems		
	PROGRA	M INFORM	IATI	NC			
<u>APPROVED</u>		<u>APPR</u>)	<u>APPROVED</u>	Current	
Program Title		CIP ((Include 7 th		iaita	Recognition Award	Credits	
		used for	OCCUR				
(For Official Program Title, refer to your dire	ctory at	report <u>6-diait CIP</u>	ing.)	8 th			
http://www.ode.state.or.us/search/results/?i	<u>d=232</u>)	o digit off	<u>digit</u>	<u>digit</u>			
AAS Title:					☐ Associate of		
					Applied Science		
Related Program:					(AAS) Degree OPTION to AAS		
Emergency Medical Technician SCPC					Degree		
<u> </u>				-			
Certificate Title: <u>Within AAS Degree?</u> √ Y	es** □	- 4	l		√ SSC1 Statewide		
Emergency Medical Technology	,	51.0904	J		Certificate (45-60 credits)	51	
CC.EMT					(45 00 credits)		
**Enter name of base degree in 'AAS Title' box	_						
AST AMENDMENT APPROVED ON 06.03.202		2002111		DME	-11-		
l Y	_	ROGRAM A eck ALL That A		DME	:N I		
☐ New Program++		culum Revi			☐ Revision in Prog	ram Credits	
☐ Title Change for Program		caiaiii itevi	31011		Proposed Total Credit	W .	
Proposed AAS Title:					oposou i otal di dall	-	
Proposed OPTION Title:							
Proposed Certificate Title:							
Proposed Certificate Title:							

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

		CUDDI		MENDME	NT		
				AMENDME	IN I arter-to-quarter mapping.		
					culum section only.]		
	CURRENT CURRICULUM	·		• •	ROPOSED CURRICULU	M 23-24	1
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Fall Term							
BI-231	Human Anatomy & Physiology I	66	4				
EMT-105	Introduction to Emergency Medical Services	33	3				
MA-110	Medical Terminology	44	4				
MTH-065	Algebra II	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term		_				_	_
BI-232	Human Anatomy & Physiology II	66	4				
CJA-203	Crisis Intervention	33	3				
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4
EMT-101	Emergency Medical Technician Part I	108	6				
Spring Term							
BI-233	Human Anatomy & Physiology III	66	4				
EMT-102	Emergency Medical Technician Part II	108	6				
EMT-109	Emergency Response Communication/Documentati on	24	2				
PSY-101	Human Relations	33	3				

College Contact	Tana 9	wzak Telephone N	lo.	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

51

TOTAL PROPOSED CREDITS:

Catalog Notes

TOTAL CURRENT CREDITS:

Required: Criminal history background check, proof of immunization, and drug test arranged by the department

Suspension Effective Date:

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



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Office of Educational Improvement & Innovation

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	http://ww	ww.ode.stat	e.or.	us/sear	ch/re	sults	/?id=231		-
College:	College: Clackamas Community College						Date		
		CAREER	LEA	RNING	ARE	Α			
☐ Ag, Foo	d & Natural Resource Syste	ems		√ He	alth S	ervic	es		
	formation & Communicatio	ns			man F				
□ Busines	s & Management			☐ Inc	lustri	al & E	ingineering S	ystems	
		PROGRA	M TN	IEODM	ATIC	N			
	APPROVED	PROGRA	141 111	APPRO			ADDD	OVED	Current
	Program Title			CIP C			Recogniti	_	Credits
	i rogram ride			clude 7 th	& 8 th di		Recognic	on Awara	Cicuits
				used for (report		S			
	cial Program Title, refer to your dire		<u>6-d</u>	igit CIP	7 th	<u>8</u> th			
	www.ouc.state.or.us/scarch/results/?	<u>10–232</u>)			<u>digit</u>	<u>digit</u>	□ Associat	£	
AAS Title:							☐ Associat Applied		
							(AAS) D		
Option Tit	le**							to AAS	
							Degree		
Certificate	e Title: Within AAS Degree? ☐ Y	es** √ No					√ CC1		
	echnology 3		31.	0501	J	*	(45-60 d	redits)	45-47
CC.FITNESS									
	of base degree in 'AAS Title' box MENT APPROVED ON 11/15/19	1							
	TY	PE OF PR				MEN	T		
				. That Ap			T		
	rogram++	☐ Curric	ulum	ı Revisi	ion			n in Progran	n Credits
□ Title Cr	nange for Program						Proposed To	otal Credits:	
	Proposed AAS Title:								
	Proposed OPTION Title:								
Pro	oposed Certificate Title:								
	NSION of Program	Reason for Su.	spensic	on:					

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

C	URRENT CURRICULUM	PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Fall Term							
COMM-218	Interpersonal Communication	44	4	COMM- 218Z	Interpersonal Communication	44	4
HE-202	Introduction to Fitness Technology Careers	11	1				
PE-240	Strength & Conditioning Theory & Techniques	35	3				
WR-101 or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
	Fitness Technology program electives		3				
Winter Term							
COMM-227	Nonverbal Communication	44	4				
HE-252	First Aid/CPR/AED	33	3				
HPE-295	Health & Fitness for Life	60	3				
	Fitness Technology program electives		4				
Spring Term							
HE-201	Personal Training	33	3				
HE-223	Sports Nutrition	33	3				
MTH-050 Or MTH-065 or higher	Technical Mathematics I Or Algebra II Or higher level math	44	4-5	MTH-050 Or MTH-065 or higher	Technical Mathematics I Or Algebra II Or higher level Math or Statistics	44	4-5
PE-280	Physical Education/CWE	108	3				
	Fitness Technology program elective		4				
Fitness Techno	ology Program Electives						
BA-101	Introduction to Business	44	4				
BA-123	Leadership & Motivation	33	3				
ECE-235	Nutrition, Music & Movement in Early Childhood Education	33	3				
GRN-182	Aging and the Body	33	3				
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3				
HE-164	Body & Drugs II: Alcohol	33	3				
HE-204	Nutrition & Weight Control	33	3				
HE-207	Introduction to Plant Based Living	33	3				

College: Clackamas Community College

Ag Food & Natural Posource Systems

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



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Date

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CAREER LEARNING AREA

☐ Health Services

Ag, 1000 & Natural Resource Syste	<u> </u>	inearth Services							
☐ Arts, Information & Communications			☐ Human Resources						
☐ Business & Management			■ Industrial & Engineering Systems						
	PROGRAI	M INFORM	ATI	ON					
<u>APPROVED</u>		<u>APPR</u>		<u> </u>	<u>APPROVED</u>	Current			
Program Title		CIPC			Recognition Award	Credits			
		(Include 7 th used for 0							
		report	ing.)						
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?ic		<u>6-digit CIP</u>	<u>7</u> th digit	<u>8th digit</u>					
AAS Title:			uigit	uigit	☐ Associate of				
AAS TILIE:					Applied Science				
					(AAS) Degree				
Related Certificates:					☐ OPTION to AAS				
Gerontology for Health Care Profession	als CP				Degree				
Nursing Assistant-Gerontology Specialis	st CP								
Certificate Title: Within AAS Degree? ☐ Y	′es** √				√ CC1				
No		30.1101			(45-60 credits)	45-46			
Gerontology									
*Enter name of base degree in 'AAS Title' box									
ST AMENDMENT APPROVED 01.29.21									
	PE OF PE	ROGRAM A	MEN	IDMF	NT				
••		ck ALL That <i>i</i>							
☐ New Program++	☐ Curri	culum Revi	sion		✓ Revision in Prog	ram Credit			
☐ Title Change for Program					Proposed Total Credit	-			
Proposed AAS Title:					•				
Proposed OPTION Title:									
Proposed Certificate Title:									
	Reason for S	Suspension:							
☐ <i>SUSPENSION</i> of Program	1.0000111010	aspension.							

Suspension	Effective	Date:
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		piete the Pi	PROPOSED CURRICULUM 23-24					
	CURRENT CURRICULUM .		I					
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
Fall Term		-				_		
GRN-181	Issues in Aging	33	3			<u> </u>		
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3					
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4	
	Gerontology program elective		5					
Winter Term								
GRN-182	Aging and the Body	33	3					
GRN-184	Aging & the Individual	33	3					
HE-164 Or HE-263 Or HE-264	Body & Drugs II: Alcohol or Body & Drugs III: Marijuana or Body & Drugs IV: Other Drugs, Other Addictions	33	3					
HS-154	Community Resources	33	3					
MTH-050 Or MTH-065 Or MTH-098	Technical Mathematics I or Algebra II or College Math Foundations	44	4					
Spring Term								
GRN-179	Careers in Gerontology	11	1					
GRN-183	Death and Dying	33	3					
GRN-280	Gerontology/CWE	108	3					
HS-156	Conducting Human Service Interviews	33	3					
HS-170	Preparation for Field Experience in Human Services	33	3					
	Gerontology program elective		2					
Gerontology P	rogram Electives							
COMM-140	Introduction to Intercultural Communication	44	4					
CC 120	Survey of Computing	55	4				1	
CS-120	Multicultural Education	33	3					

FN-110	Personal Nutrition	33	3			
FYE-101	First Year Experience Level I	22	2			
GRN-165	Life Enrichment with Older Adults	33	3			
GRN-290	Special Topics in Gerontology	11-33	1-3			
HE-164	Body & Drugs II: Alcohol	33	3			
HS-100	Introduction to Human Services	33	3			
HS-103	Ethics for Human Service Workers	22	2			
HS-211	Infectious Diseases and Harm Reduction	11	1			
HS-216	Group Counseling Skills	33	3			
HS-232	Case Management	33	3			
HS-256	Advanced Interviewing Skills with Theory	33	3			
NUR-100	Nursing Assistant I	80	7			
NUR-100C	Nursing Assistant I Clinical	82	0			
NUR-101	Certified Nursing Assistant II	60	5			
NUR-101C	Certified Nursing Assistant II Acute Care Clinical	30	0			
PSY-219	Introduction to Abnormal Psychology	44	4			
Catalog Notes						
Other electives may be approved by the Gerontology program						
advisor.						
TOTAL CURR	RENT CREDITS:		45-46	TOTAL PRO	POSED CREDITS:	

College Contact	Yvonne	e Smith	Telephone No.	3207	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

current instructions, form http://ww	,	uts and otr <u>e.or.us/sea</u>				e located	at				
College: Clackamas Communit	ty College	•			Date						
	CAREER!	LEARNING	AR	EA							
☐ Ag, Food & Natural Resource Syste				ervic	es						
☐ Arts, Information & Communication		☐ Hu	man l	Resou	ırces						
☐ Business & Management		☐ Inc	lustri	al & E	ingineering Sy	stems					
PROGRAM INFORMATION											
<u>APPROVED</u>	<u>APPR</u>		2	<u>APPRO</u>		Current					
Program Title		CIP C (Include 7 th		iaite	Recognition	n Award	Credits				
		used for (CCUR								
(For Official Program Title, refer to your dire http://www.ode.state.or.us/search/results/?i		report <u>6-digit CIP</u>	ing.) <u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>							
AAS Title:			uigit	<u>uigit</u>	☐ Associate	of					
AAS Tide.					Applied S						
					(AAS) Deg						
Option Title**					□ <i>OPTION</i> t	o AAS					
					Degree						
Certificate Title: Within AAS Degree?	es** √				√ cc						
No		51.0802			(12-30 cr	edits)	13-14				
Healthcare Careers											
CC.HLTHCAREERS **Enter name of base degree in 'AAS Title' box	_										
ast amendment approved on 5/7/21 (former	ly CC.BASIC	HEALTH)									
		OGRAM A	MEN	IDME	NT						
	(Chec	ck ALL That <i>i</i>	Apply)								
□ New Program++	☐ Curric	culum Revi	sion				ram Credit				
☐ Title Change for Program					Proposed To	otal Credit	s:				
Proposed AAS Title:											
Proposed OPTION Title:											
Proposed Certificate Title:											
☐ SUSPENSION of Program											
Suspension Effective Date:							-				

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRICULUM AMENDMENT [List in a Defined Sequence of Courses Format, e.g., Quarter-to-quarter mapping. For a New Program, complete the Proposed Curriculum section only.]											
	CURRENT CURRICULUM .	22-23			PROPOSED CURRICULU	M 23-24	4					
Course	Title	Hours	Credits	Course Title Hours			Credits					
MA-110	Medical Terminology	44	4									
MA-135	Communications and Ethical Practices in Healthcare Settings	33	3									
PSY-101	Human Relations	33	3									
WR-101 Or WR-121	Communication Skills: Occupational Writing Or English Composition	33-44	3-4	WR-101 Or WR- 121Z	Communication Skills: Occupational Writing or Composition I	33-44	3-4					
TOTAL CUI	RRENT CREDITS:	-	13-14	TOTAL P	ROPOSED CREDITS:							

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature	er <i>or</i>		Date	

Proposed Certificate Title:

Suspension Effective Date:

□ SUSPENSION of Program

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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College: Clackamas Communit	y College				Date			
	CAREER	LEARNING	S AR	EA				
☐ Ag, Food & Natural Resource Syste	ems	☐ He	alth S	ervic	es			
☐ Arts, Information & Communication		☐ Hu	man	Resou	ırces			
☐ Business & Management		□ In	dustri	al & E	ngineering Sy	stems		
	PROGRA	M INFORM	IATIO	ON				
<u>APPROVED</u>		APPR	OVED		APPRO	VED	Curre	nt
Program Title	CIP (Recognitio	n Award	Credi	its	
	(Include 7 th used for							
		report						
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?i		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th digit</u>				
AAS Title:					☐ Associate	_		
					Applied S			
Related Certificates:		-			(AAS) De			
Human Resource Management Essentia	alc CD				Degree	O AAS		
Human Resource Management Essentia	als CP				Degree			
Certificate Title: Within AAS Degree?	′es** √				□ CC1		46-48	3
No September 1	. ,	52.1005			(45-60 cr	edits)	10 10	
Human Resource Management								
CC.HUMANRESMNGT								
**Enter name of base degree in 'AAS Title' box AST AMENDMENT APPROVED ON								
	PE OF PE	ROGRAM A	MEN	IDME	NT			
		ck ALL That						
■ New Program++	□ Curri	culum Revi	sion		□ Revisio	n in Progi	ram Cre	edits
☐ Title Change for Program					Proposed T			
Proposed AAS Title:					-			
Proposed OPTION Title:								

Reason for Suspension:

		CURRIC	CULUM A	MENDM	ENT			
	CURRENT CURRICULUM	22-23			PROPOSED CU	JRRICUL	UM 23-24	1
Course	Title	Hours	Credits	Number	Titl	e	Hours	Credits
	H	luman Res	ource Mana	gement Cer	tificate			
Fall Term								
BA-101	Introduction to Business	44	4					
BA-104	Business Math	33-	3-4					
Or	or	44						
MTH-065	Algebra II							
BA-131	Introduction to Business Computing	44	4					
WR-121	English Composition	44	4	WR-1212	Composition	I	44	4
Winter Term								
BA-205	Business Communications with Technology	44	4					
BA-208	Employee and Labor Relations	44	4					
BA-224	Human Resource Management	44	4					
BA-285	Human Relations in Business	44	4					
Spring Term								
BA-226	Business Law I	44	4		1			
BA-229	Employment Law	44	4					
BA-254	Basic Compensation & Benefits	44	4					
	Human Resource Management Program Electives		3-4					
Catalog Notes		_					_	
Courses in thi	s program can be applied to sa	atisfy requi	rements					
	irce Management Program Elec	ctives						
	urse not already included in th		Resource	I				
program	and the an eday medded in th		.5554,66					
	RENT CREDITS:		46-48	TOTAL P	ROPOSED CRED	ITS:		
College Cor					lephone No.	3370		
E-Mail Add					x No.			
	emic Officer or					Date		

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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http://www.ode.state.or.us/search/results/?id=231

-	http://ww	w.ode.state	e.or.us/s	earch/ı	esults	s/?id=231		
College:	Clackamas Communit	y College)			Date		
		CAREER I	FARNT	NG AF	FΔ			
□ Ag. Food	& Natural Resource Syste			Health		·es		
	ormation & Communication			Human				
	& Management	_				Engineering Sy	stems	
		PROGRAM	1 INFO	MATI	ON			
	<u>APPROVED</u>		<u>APF</u>	ROVE	<u>D</u>	<u>APPRO</u>	<u>VED</u>	Current
	Program Title			Code		Recognitio	n Award	Credits
	_				digits RS			
/For Officia	al Program Title, refer to your dired	otony of	rep	orting.)				
	v.ode.state.or.us/search/results/?i		<u>6-digit CI</u>	P Z th	<u>8</u> th t <u>digit</u>			
AAS Title:						√ AAS		
Human Se	rvices Generalist		44.070	1		(90-108	credits)	90-92
AAS.HUMANS	ERVGEN							
Option Title	e**				☐ OPTION to AAS			
						Degree		
Related Cer	rtificates:					☐ Certificat	e of	
	ug Counselor CP					Completion		
Human Servi	ices Generalist Certificate							
	base degree in 'AAS Title' box NT APPROVED ON 01.29.21							
		PE OF PR	OGRAM	AME	NDME	ENT		
		_	ck ALL Th					
□ New Pro		☐ Curric	culum Re	vision		✓ Revision	n in Prog	ram Credit
☐ Title Cha	ange for Program					Proposed T	otal Credit	:s:
	Proposed AAS Title:							
P	roposed OPTION Title:							
Pro	posed Certificate Title:							
	NSION of Brogram	Reason for Su	ispension:					

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

(CURRENT CURRICULUM		51000 010 11	PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits		Title	Hours				
5005			•		ence Degree: 1 st Year	110010	0.00.00			
Fall Term					 					
HDF-260	Understanding Child Abuse and Neglect	44	4							
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3							
HS-100	Introduction to Human Services	33	3							
WR-101 or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4			
	Human Services Generalist program electives		3							
Winter Term										
HE-164 or HE-263 or HE-264	Body & Drugs II: Alcohol or Body & Drugs III: Marijuana or Body & Drugs IV: Other Drugs, Other Addictions	33	3							
HS-103	Ethics for Human Service Workers	22	2							
HS-154	Community Resources	33	3							
MTH-050 Or MTH-065 Or MTH-098	Technical Mathematics I or Algebra II or College Math Foundations	44	4							
	Human Services Generalist program electives		3							
Spring Term										
HDF-140 Or SOC-210	Contemporary American Families or Marriage, Family, & Intimate Relations	33-44	3-4							
HS-156	Conducting Human Service Interviews	33	3							
HS-170	Preparation for Field Experience in Human Services	33	3							
	Human Services Generalist program electives		6							
		Generalist	Associate o	of Applied Scie	ence Degree: 2 nd Year					

Fall Term							
CJA-214	Intimate Partner Violence	33	3				
Or	Or						
CJA-215	Sexual Abuse and Human						
LIC 250	Trafficking	33	2				
HS-256	Advanced Interviewing Skills with Theory	33	3				
HS-280	Human Services Generalist	144	4	1			
1.0 200	I: CWE/Practicum	1	'				
	Human Services Generalist		4				
	program electives			<u> </u>			
Winter Term		_	III				
HS-281	Human Services Generalist II: CWE/Practicum	144	4				
PSY-215	Introduction to	44	4				
	Developmental Psychology						
SOC-205	Social Stratification & Social Systems	44	4				
	Human Services Generalist		3				
	program electives						
Spring Term					_		
HS-216	Group Counseling Skills	33	3				
HS-232	Case Management	33	3				
HS-282	Human Services Generalist III: CWE/Practicum	144	4				
	Human Services Generalist program electives		5				
Human Service	s Generalist Program Elective	S	<u> </u>				
	24 credits from courses taken		oletion				
	e following certificate program						
Gerontology, G	erontology for Health Care Pr	ofessiona	als,				
Nursing Assista	nt-Gerontology Specialist, Juv	enile Cor					
	ood Education & Family Studie						
	mbered 100 or above in the fo						
long as the cou degree:	ırse is not fulfilling another re	quiremen	it in this				
acgree.							
ASL, CJA, COM	M, ECE, ED, FR, FYE, GER, GI	RN, HD, F	HDF, HS,				
MA, MTH, PSY,	SOC, SPN, WR, WS or any of						
Health courses					•		
HE-164	Body & Drugs II: Alcohol	33	3				
HE-205	Youth Addictions	33	3				
HE-252	First Aid/CPR/AED	33	3				
HE-263	Body & Drugs III:	33	3				
HE-264	Marijuana Body & Drugs IV: Other	33	3	1			
	Drugs, Other Addictions	,,					
TOTAL CURR	ENT CREDITS:		90-92	TOTAL PR	<i>OPOSED</i> CREDI	TS:	

College Contact	Yvonn	e Smith	Telephone No.	3207		
E-Mail Address			Fax No.			
Chief Academic Office	er <i>or</i>			Date		
PTE Dean Signature						

255 Capitol Street NE Phone: (503) 378-3600



□ SUSPENSION of Program

Suspension Effective Date:

Salem, OR 97310-0203

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

Office of Educational Improvement & Innovation

FAX: (503) 378-5156

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College: **Clackamas Community College CAREER LEARNING AREA Ag, Food & Natural Resource Systems** ■ Health Services **Arts, Information & Communications Human Resources** ■ Business & Management ■ Industrial & Engineering Systems PROGRAM INFORMATION <u>APPROVED</u> <u>APPROVED</u> <u>APPROVED</u> Current **Recognition Award Program Title** CIP Code **Credits** (Include 7th & 8th digits used for OCCURS reporting.) (For Official Program Title, refer to your directory at 6-diait CIP http://www.ode.state.or.us/search/results/?id=232) <u>digit</u> <u>digit</u> **AAS Title:** ■ Associate of **Human Services Generalist AAS Applied Science** (AAS) Degree □ OPTION to AAS **Option Title**** Degree √ CC1R Related Certificate Title: Within AAS Degree? √ Yes** □ Certificate 44.0701 45-48 **Human Services Generalist** (45-60 credits) **CC.HUMANSERVGEN** *Enter name of base degree in 'AAS Title' box LAST AMENDMENT APPROVED ON 01,29,21 TYPE OF PROGRAM AMENDMENT (Check **ALL** That Apply) ■ New Program++ □ Curriculum Revision **Revision in Program Credits** □ Title Change for Program **Proposed Total Credits: Proposed AAS Title: Proposed OPTION Title: Proposed Certificate Title:** Reason for Suspension:

(CURRENT CURRICULUM A	22-23		PROPOSED CURRICULUM 23-24							
Course	Title	Hours	Credits	Course	Title	Hours	Credits				
Fall Term											
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3								
HS-100	Introduction to Human Services	33	3								
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4				
	Human Services Generalist program electives		6								
Winter Term											
HDF-260 Or GRN-184	Understanding Child Abuse and Neglect or Aging & the Individual	33-44	3-4								
HS-154	Community Resources	33	3								
MTH-050 Or MTH-065 Or MTH-098	Technical Mathematics I Or Algebra II Or College Math Foundations	44	4								
	Human Services Generalist program electives		5								
Spring Term											
HDF-140 Or SOC-210	Contemporary American Families or Marriage, Family, & Intimate Relations	33-44	3-4								
HE-164 Or HE-263 Or HE-264	Body & Drugs II: Alcohol or Body & Drugs III: Marijuana or Body & Drugs IV: Other Drugs, Other Addictions	33	3								
HS-156	Conducting Human Service Interviews	33	3								
HS-170	Preparation for Field Experience in Human Services	33	3								
HS-280	Human Services Generalist I: CWE/Practicum	108	3								
Human Servic	es Generalist Program Elective	s									
	11 credits from courses taken ne following certificate program	•	letion								

Nursing Assista	Gerontology for Health Care Prant-Gerontology Specialist, Juvood Education & Family Studio	enile Co				
long as the cou degree: ASL, CJA, COM	mbered 100 or above in the fourse is not fulfilling another reads. M, ECE, ED, FR, FYE, GER, GI, SOC, SPN, WR, WS or any of the second	quiremer	nt in this HDF, HS,			
HE-164	Body & Drugs II: Alcohol	33	3			
HE-205	Youth Addictions	33	3			
HE-252	First Aid/CPR/AED	33	3			
HE-263	Body & Drugs III: Marijuana	33	3			
HE-264	Body & Drugs IV: Other Drugs, Other Addictions	33	3			
TOTAL CURR	ENT CREDITS:		45-48	TOTAL PRO	OPOSED CREDITS:	

College Contact	Yvonn	e Smith	Telephone No.	3207		
E-Mail Address			Fax No.			
Chief Academic Officer or				Date		
PTE Dean Signature						

Clackamas Community College

Suspension Effective Date:

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



College:

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

Office of Educational Improvement & Innovation

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	CAREER	<u>LEAR</u>	NING	i ARI	EA				
☐ Ag, Food & Natural Resource Syste	ems]	□ He	alth S	ervic	es			
Arts, Information & Communication	ns	[□ Hu	man l	Resou	ırce	S		
☐ Business & Management]	□ Inc	lustri	al & E	ingi	neering Systems		
	PROGRAM	M INF	ORM	ATIO	ON				
<u>APPROVED</u>		<u> </u>	1 <i>PPR</i>	<u> OVED</u>			<u>APPROVED</u>	Currer	_
Program Title			CIP C			R	ecognition Award	Credit	ts
		(Inclu us	ude 7 th sed for 0	& 8ºº di OCCUR	igits S				
(For Official Program Title, refer to your direct	ctory at		report						
http://www.ode.state.or.us/search/results/?i		<u>6-digi</u>	it CIP	<u>/"</u> digit	<u>8th digit</u>				
AAS Title:							Associate of		\neg
						_	Applied Science		
							(AAS) Degree		
Option Title**							OPTION to AAS		
							Degree		
Certificate Title: Within AAS Degree?	es** √						CC1 Certificate		
No		43.0	11				(45-60 credits)	45	
Juvenile Corrections									
**Enter name of base degree in 'AAS Title' box									
AST AMENDMENT APPROVED ON 5/3/19									
, , , , , , , , , , , , , , , , , , ,	PE OF PR	ROGR	AM A	MEN	DME	NT			
	(Che	ck ALL	. That A	Apply)					
□ New Program++	☐ Curric	culum	Revi	sion		✓	Revision in Prog	ram Cre	dits
□ Title Change for Program						P	Proposed Total Credit	s:	
Proposed AAS Title:						-		-	
Proposed OPTION Title:									
Proposed Certificate Title:									
☐ SUSPENSION of Program	Reason for Su	uspensio	n:						

			plete the Pr		culum section only.]	-	
C	URRENT CURRICULUM .	22-23		P	ROPOSED CURRICU	JLUM 23-24	!
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Fall Term							
CJA-252	Introduction to Restorative Justice	33	3				
HE-163	Body & Drugs I: Introduction to Abuse & Addiction	33	3				
MTH-098	College Math Foundations	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term							
CJA-201	Juvenile Delinquency	44	4				
CJA-203	Crisis Intervention	33	3				
HS-156	Conducting Human Service Interviews	33	3				
LIB-101	Introduction to Library Research	11	1				
PSY-215	Introduction to Developmental Psychology	44	4				
Spring Term							
CJA-130	Introduction to Corrections	33	3				
CJA-232	Case Management	33	3				
CJA-280	Criminal Justice/Corrections/CWE	108	3				
CWE-281	Cooperative Work Experience Seminar	16	0				
HD-161	Multicultural Awareness	33	3				
HDF-260	Understanding Child Abuse and Neglect	44	4				
TOTAL CURR	ENT CREDITS:		45	TOTAL PRO	OPOSED CREDITS:		

College Contact	Ida Fli	рро	Telephone No.	3363		
E-Mail Address			Fax No.			
Chief Academic Officer <i>or</i>				Date		
PTE Dean Signature						

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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College:	Clackamas Community College	е				[Date		
	CAREER				- 4				
	CAREER	LEAR							
	d & Natural Resource Systems		☐ He	alth S	Servic	es			
Arts, In	formation & Communications		☐ Hu	man	Resou	ırce	S		
□ Busines	ss & Management		□ Inc	dustri	al & E	ngi	neering Sy	stems	
	PROGRA	M IN	FORM	ATI	ON				
	APPROVED .		APPRO	OVED)		APPRO	VED	Current
	Program Title	-	CIP C			R	ecognition		Credits
	-		lude 7 th						
		u	sed for (report		S				
	cial Program Title, refer to your directory at	6-dig	ait CIP	7 th	<u>₿</u> th	-			
nttp://wv	vw.ode.state.or.us/search/results/?id=232)			<u>digit</u>	<u>digit</u>				
Parent Pro	ogram:						Associate		
Business	Management Certificate						Applied So		
							(AAS) Deg		
Option Tit	le**						OPTION to	o AAS	
							Degree		
Certificate	e Title: <u>Within AAS Degree? √ Yes**</u> □						Career Pa	thwav	
No		52.0	0204				(12-44)		18
Managen	nent Fundamentals	O_I					` '		
CC.MGMTFU									
**Enter name o	of base degree in 'AAS Title' box								

TYPE OF PROGRAM AMENDMENT (Check ALL That Apply)										
□ New Program++	□ Curriculum Revision	□ Revision in Program Credits								
☐ Title Change for Program		Proposed Total Credits:								
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
□ SUSPENSION of Program	Reason for Suspension:									
Suspension Effective Date:										

		uence of (Courses For		NT larter-to-quarter mapping. culum section only.]		
	CURRENT CURRICULUM	22-23		P	ROPOSED CURRICULU	M 23-24	!
Course	Title	Hours	Credits	Course	Title	Hours	Credits
	Manage	ment Fund	damentals (Career Pathwa	ay Certificate		
BA-217	Budgeting for Managers	33	3				
BA-224	Human Resource Management	44	4				
BA-251	Supervisory Management	33	3				
BA-285	Human Relations in Business	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Catalog note	S	-	_				
	n this program can be applied t s in the Business Management						

College Contact	Sharor	n Parker	Telephone No.	3075	
E-Mail Address			Fax No.		
Chief Academic Office PTE Dean Signature				Date	

TOTAL PROPOSED CREDITS:

18

TOTAL CURRENT CREDITS:

College: Clackamas Community College

□ SUSPENSION of Program

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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	CARFFR	LEARNING	3 ARI	FΔ					
☐ Ag, Food & Natural Resource Syste			alth S		'AS				
☐ Arts, Information & Communication									
☐ Business & Management	<i>,</i> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				Engineering Sy	stems			
_ Jubiness & Lanagement									
	PROGRA	M INFORM	IATI	ON					
<i>APPROVED</i>		APPR	OVED)	APPRO	VED	Curren	nt	
Program Title		CIP			Recognition	n Award	Credit	cs	
		(Include 7 th used for							
		report			l				
(For Official Program Title, refer to your dire http://www.ode.state.or.us/search/results/?i	ctory at <mark>d=232</mark>	<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8</u> th <u>digit</u>					
AAS Title:					☐ Associate of				
					Applied S				
					(AAS) Dec		<u> </u>		
Related Certificates:					□ OPTION t	o AAS			
Integrated Marketing & Promotion	1 CP				Degree				
Certificate Title: Within AAS Degree? □ \	res** √				√ CC1				
No		52.1401			(45-60 cr	edits)	47		
Marketing									
CC.MARKETING **Enter name of base degree in 'AAS Title' box									
ast amendment approved on 01.21.22									
ТҮ		ROGRAM A		DME	ENT				
- Name Baranasa	T = ' .	eck ALL That	,,		Le postate	· · · · ·		-111	
□ New Program++□ Title Change for Program	☐ Curri	culum Revi	sion			n in Progi		uits	
	——				Proposed To	otal Credit	:s:		
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									

Reason for Suspension:

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

		uence of (Courses For		NT arter-to-quarter mapping. culum section only.]			
	CURRENT CURRICULUM	22-23		P	ROPOSED CURRICULU	M 23-24	1	
Course	Title	Hours	Credits	Course Title Hours C				
		N	1arketing C	ertificate				
Fall Term								
BA-101	Introduction to Business	44	4					
BA-104	Business Math	33	3					
BA-131	Introduction to Business Computing	44	4					
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4	
Winter Term								
BA-223	Principles of Marketing	44	4					
BA-270	Social Media Marketing	44	4					
BA-239	Advertising	44	4					
BA-285	Human Relations in Business	44	4					
Spring Term								
BA-205	Business Communications with Technology	44	4					
BA-226	Business Law I	44	4					
BA-238	Sales	44	4					
BA-261	Consumer Behavior	44	4					
Catalog Note	S	-						

College Contact	Telephone No.		
E-Mail Address	Fax No.		
Chief Academic Officer or PTE Dean Signature		Date	

TOTAL PROPOSED CREDITS:

47

Courses in this program can be applied to satisfy elective requirements in the Business AAS degree.

TOTAL CURRENT CREDITS:

College: Clackamas Community College

Suspension Effective Date:

nmunity Colleges Office of Educational Improvement & Innovation ent Phone: (503) 378-3600

FAX: (503) 378-5156

255 Capitol Street NE Salem, OR 97310-0203



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

9						
	CAREER	LEARNING	ARI	EA		
☐ Ag, Food & Natural Resource System			alth S		es	
☐ Arts, Information & Communication			man			
☐ Business & Management		□ Inc	dustri	al & E	ingineering Systems	
	PROGRA	M INFORM	ATIO	ON		
<u>APPROVED</u>		<u>APPR</u>	OVED)	<u>APPROVED</u>	Curren
Program Title	CIPC			Recognition Award	Credit	
		(Include 7 th used for 0	& 8ºº d DCCUR	igits S		
(For Official Program Title, refer to your dire	ctory at	report	ing.)	a th		
http://www.ode.state.or.us/search/results/?i		<u>6-digit CIP</u>	<u>digit</u>	<u>8</u> th <u>digit</u>		
AAS Title:					☐ Associate of	
					Applied Science	
O Title **					(AAS) Degree OPTION to AAS	
Option Title**					☐ OPTION to AAS Degree	
					209.00	
Certificate Title: Within AAS Degree? □	res** √				√ CC1	
No Medical Assistant		51.0801			(45-60 credits)	45
CC.MEDASST						
*Enter name of base degree in 'AAS Title' box				I		· -
ast amendment approved on 02.04.22						
TY	_	ROGRAM A eck ALL That /		IDME	ENT	
☐ New Program++		culum Revi	,		☐ Revision in Prog	ram Cred
☐ Title Change for Program					Proposed Total Credit	
Proposed AAS Title:					-	-
Proposed OPTION Title:						
Proposed Certificate Title:						
□ SUSPENSION of Program	Reason for S	Suspension:				

C	URRENT CURRICULUM 2			ROPOSED CURRICULUI	M 23-24	1	
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Medical Assista	nt Certificate Prerequisite to A	Acceptanc	æ				
Medical Assista BI-120 Or BI-101 & BI-102 Or BI-231 & BI-232 & BI-233	Introduction to Human Anatomy and Physiology or General Biology; Cellular Biology and General Biology; Animal Systems or Human Anatomy & Physiology I and Human Anatomy & Physiology II and Human Anatomy & Physiology II and Human Anatomy & Physiology II and Human Anatomy &	66	e <u> </u>				
	Physiology III						
MA-110	Medical Terminology	44	4				
WR-121 (preferred) Or WR-101	English Composition or Communication Skills: Occupational Writing	33- 44	3-4	WR-121Z (preferre d) Or WR-101	Composition I or Communication Skills: Occupational Writing	33- 44	3-4
Fall Term							
MA-112	Medical Office Practices	44	4				
MA-116	Introduction to Medications	44	4				
MA-145	Insurance & Health Information Management	55	5				
PSY-101	Human Relations	33	3				
Winter Term						-	
MA-117		11	1				
MA-117L	Clinical Lab Procedures I Lab	33	1				
MA-118	Examination Room Techniques	55	5				
MA-118L	Examination Room Techniques Lab	33	1				
MTH-054	Medication Calculations for Medical Assistants	44	4				
Spring Term (Weeks 1-5)							
MA-115	Phlebotomy for Medical Assistants	11	1				
MA-115L	Phlebotomy for Medical Assistants Lab	33	1				
MA-121	Clinical Lab Procedures II	11	1				

MA-121L	Clinical Lab Procedures II Lab	33	1			
PSY-215	Introduction to Developmental Psychology	44	4			
Spring Term (Weeks 6-11)						
MA-119	Medical Assistant Practicum	253	9			
Catalog Notes						
completion of Participate ir ambulatory ca Perform 20 h Register for All clinical/praccourses must l Core curriculus order.	nation requirements in addition courses, the MA student is reconnected an unpaid, supervised externate setting. The cours of public health-related of the CMA (AAMA) certification of the courses are Pass/No Paper passed with C or better. The course of public health-related of the CMA (AAMA) certification of the courses are Pass/No Paper passed with C or better. The course of	juired to: ship in an communit exam. ss. All other e taken of	n cy service. her out of			
to: AAMA Cert phone 800-228	ification Department at www.a 8-2262.	ama-ntl.				
TOTAL CURR	ENT CREDITS:		45	TOTAL PRO	OPOSED CREDITS:	

College Contact	Sarah	Parker CMA(AAMA)		Telephone No.	971-344-7772		
E-Mail Address	Sarah	parker524@Gmail.com Fax No.					
Chief Academic Office PTE Dean Signature					Date		

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be co Current instruc		ns, hando	uts and o	ther u	seful	resources are			
College: Clackamas C	Communit	y Colleg	е			Date			
		CARFFR	LEARNIN	IG AP	FΔ				1
☐ Ag, Food & Natural Res		_		lealth S		es			1
☐ Arts, Information & Co				luman					1
√ Business & Managemer			□ I	ndustr	ial & E	ngineering Sy	stems		1
_									_
		PROGRA	M INFOR	MATI	ON				
<u>APPROV</u>				ROVEL	2	<u>APPRO</u>		Current	
Program [*]		CIP	Code		Recognitio	n Award	Credits		
			<u>6-digit CIP</u>	<u>7</u> th digit	<u>8th</u> digit				
(For Official Program Title, rel	fer to your direc	ctory at		uigit	uigit				
http://www.ode.state.or.us/se	earcn/resuits/?I	<u>a=232)</u>				☐ Associate	of		1
raiche AAS Title.						Applied S	_		
						(AAS) De			_
Option Title**						□ OPTION t	o AAS		
						Degree			
Certificate Title: Within AA	S Degree? √ Y	es** □				CC0 Certi	ficate		
No			51.0713	J		(31-44 cr	edits)	37	
Medical Billing and Co CC.MEDBILLCODE	aing								
**Enter name of base degree in `A/	AS Title' box								
rogram amendment approved o									
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☐ New Program++			culum Re	, ,		☐ Revisio	n in Prog	ram Credit	
☐ Title Change for Prog	ıram					Proposed T			
Proposed I	AAS Title:								
Proposed OPT	Proposed OPTION Title:								
Proposed Certific	cate Title:								
□ SUSPENSION of Pro	gram	Reason for S	Suspension:						
Suspension Effec	ctive Date:								

C	URRENT CURRICULUM 2				ROPOSED CURRICULU	IM 23-24	
Course	Title	Hours	Cred its	Course	Title	Hours	Credits
Program Rec	quisites						
BI-120 Or BI-231 & BI-232 & BI-233	Introduction to Human Anatomy and Physiology or Human Anatomy & Physiology I and Human Anatomy & Physiology II and Human Anatomy & Physiology III	66	4				
MA-110	Medical Terminology	44	4				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4
Winter Term							
MBC-115	Insurance Billing and Reimbursement I	44	4				
MBC-120	Introduction to Medical Coding	33	3				
MBC-135	Law and Ethics for Healthcare Professions	33	3				
MTH-060 or MTH-098	Algebra I Or College Math Foundations	44	4				
Spring Term		-	-			-	-
BA-131	Introduction to Business Computing	44	4				
MBC-116	Insurance Billing and Reimbursement II	44	4				
MBC-125	ICD-10 Coding I	22	2				
MBC-126	CPT/HCPCS Coding I	44	4				
Summer Ter	m						
COMM-218	Interpersonal Communication	44	4	COMM-218Z	Interpersonal Communication	44	4
MBC-225	ICD-10, CPT and HCPCS Coding II	55	5				
TOTAL CUR	RENT CREDITS:		37	TOTAL PRO	POSED CREDITS:		

College Contact	Cindy Garner	Telephone No.	0672
E-Mail Address	Cindy.garner@clackamas.edu	Fax No.	n/a
Chief Academic Office PTE Dean Signature			Date

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

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College: Clackamas Communit	y College	e				ate			
	CAREER	LEADNIT	IC AB						
	CAREER								
☐ Ag, Food & Natural Resource Syste			lealth						
Arts, Information & Communication	ns		luman						
☐ Business & Management			ndusti	ial & E	ingi	neering Sy	stems		
	PROGRA	M INFOR	MATI	ON					
<u>APPROVED</u> <u>APPROVED</u> Current									
Program Title			Code			Recognit		Credits	
		(Include 7	or OCCUI			Award	d		
			orting.)	\ 3					
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?ic		<u>6-digit CII</u>		8th					
	<u>u 101</u>)		<u>digit</u>	<u>digit</u>	1	<u> </u>			
AAS Title:		E4 200				Statewide		00.00	
Nursing (RN)		51.380	L			(90-108 c	realts)	90-93	
AAS.NURING, NA.PRENURSE						ORTIONA	- 446		-
Option Title**						OPTION to Degree	o aas		
						Degree			
Certificate Title: <u>Within</u> AAS Degree? □ Y	′es** □					Certificate	e of		
No	-				_	Completio	on		
**Enter name of base degree in 'AAS Title' box									
ast amendment approved on 10.21.22									
TY	PE OF PI Che)	ROGRAM eck ALL Tha			ENT				
■ New Program++	☐ Curri	culum Re	vision			Revisio	n in Pro	gram Credi	its
☐ Title Change for Program					P	roposed To			
Proposed AAS Title:									
Proposed OPTION Title:									
Proposed Certificate Title:									
☐ SUSPENSION of Program	Reason for S	Suspension:							
Suspension Effective Date:					T				

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

C	URRENT CURRICULUM		Pi	ROPOSED CURRICULU	M 23-24	!	
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
First Term							
BI-112* Or Biology with genetics	General Biology for Health Sciences Biology with Genetics	66-77	4-5				
NRS-110	Foundations of Nursing - Health Promotion	55	5				
NRS-110C	Foundations of Nursing - Health Promotion Clinical	120	4				
NRS-230	Clinical Pharmacology I	33	3				
PE-185**	Physical Education	33	1				
Second Term						1	
NRS-111	Foundations of Nursing in Chronic Illness I	33	3				
NRS-111C	Foundations of Nursing in Chronic Illness I Clinical	90	3				
NRS-231	Clinical Pharmacology II	33	3				
NRS-232	Pathophysiological Processes I	33	3				
Third Term							
NRS-112	Foundations of Nursing in Acute Care I	22	2				
NRS-112C	Foundations of Nursing in Acute Care I Clinical	120	4				
NRS-233	Pathophysiological Processes II	33	3				
	Arts & Letters, Social Science or Natural Science electives, if needed		3				
Summer Term	•						
BI-112* Or Biology with Genetics	General Biology for Health Sciences or Biology with Genetics	66	4-5				
Fourth Term							
NRS-222	Nursing in Acute Care II & End of Life	44	4				
NRS-222C	Nursing in Acute Care II & End of Life Clinical	150	5				
	Arts & Letters, Social Science or Natural Science electives, if needed		6				
Fifth Term							
NRS-221	Chronic Illness II and End of Life	44	4				

PTE Dean Si										
	mic Officer or					. ux		Date		
E-Mail Addr						Fax				
College Con				50 55	IOIAL		phone No.			'
	ENT CREDITS:	accepicu), r	11, 4	90-93	TOTAL	PRO	POSED CREDI	TS:		I
	ot BI-160, BI-163, S, MTH (MTH-095 a			ι CH-15U),						
	with a prefix of:	DI 16FC\ C	⊔ <i>(</i> oveen	+ () 15()						
	n this area must b	e at least si	x credits.							
	es (Science/Math/									
	HST, PS, PSY, SO	C, SSC, WS								
	with a prefix of:	- at 1545t til	55 6, 64							
	n this area must b	e at least th	ree credi	its.						
Social Science	, ,				(6)	Jope (· -	
	R-101, 121, 122, c		DOVE			•	WR-101, 121Z, 1		the state of the s	,
	G, HUM, J, MUP, M s numbered COMN						NG, HUM, J, MU ses numbered C)
3 3	st be 200 level)	אווכ סטו ס	ΤΛ			_	ust be 200 level	,	LI D TA	
	SPN (other world	languages a	re accept	ted;			R, SPN (other wo		ages are ac	cepted;
	with a prefix of:						es with a prefix o			
	n this area must b	e at least th	ree credi	its.	Course	s usec	l in this area mu	ist be at le	east three c	redits.
Humanities (Ar	ts & Letters)									
unless otherwi										
	tives must be take	•								
	rses to Meet Prere				ents for t	the Nu	rsing Program			
	eted in two acader									
	er. Core nursing cu									
	s) prior to advanci urriculum is seque									
	ed courses (includi									
	nts must achieve C									
met.			<u> </u>							
	nly if 8 credit writi			oreviously						
	m and meets PE r	, .	-							
	c Life Support (AH									
	prior to start of sec									
	the Biology with	genetics rea	uirement	and must						
Catalog Notes	2.222.725, 11 11000									
	Science or Natur electives, if need									
	Arts & Letters, S			4						
WR-227	Technical Report									
Or	or									
WR-222***	English Composi	tion	44	4						
NNS-ZZTC	Clinical	ucuiii	210	′						
NRS-224 NRS-224C	Integrative Pract Integrative Pract		210	2 7		\dashv			+	
Sixth Term NRS-224	Integrative Pract	ticum	22	2		ı			T	I
Civth Torre	electives, if need	led								
	Science or Natur	al Science								
	Arts & Letters, S	ocial		6					1	
NK3-221C	of Life Clinical	I aliu Liiu	130	3						
NRS-221C	Chronic Illness I	I and End	150	5						

NA.OTM

Oregon Transfer Module (OTM)

	Requirements	Courses
Foundational Skills	Writing - 2 courses, information literacy will be included in the Writing Requirement.	WR-121Z and either 122Z, or 227Z
Introduction	Oral Communication - 1 course	COMM-111Z
to Disciplines	Mathematics - 1 course	MTH-105Z, 111Z, 112Z, 211, 212, 213, 251
	Arts & Letters - 3 courses	ART-101, 115, 117, 131, 204, 205, 206, 232, 233, 250, 251, 252, 253, 254, 255, 257, 281, 282, 283, 284, 285, 286, 291, 292, 293 ASL-201, 202, 203 BA-130 COMM-112, 126, 140, 212, 218Z, 219, 227 ENG-104, 105, 106, 107, 108, 109, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213, 218, 226, 240, 241, 250, 251, 252, 253, 254, 255, 260, 261, 270, 271, 272, 273, 295, 296 FR-201, 202, 203 HUM-235, 237, 240, 241, 242 J-211, 216 MUS-105, 111, 112, 113, 205, 206, 211, 212, 213 PHL-101, 102, 103, 205, 210, 213, 216 R-101, 102, 103, 204, 210, 211, 212 SPN-201, 202, 203 SSC-237 TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153 WR-240, 241, 242, 243, 244, 245, 247, 248, 262, 263, 265, 270 WS-101
	Social Science - 3 courses	ANT-101, 102, 103, 232 CJA-101, 201 EC-201, 202 GEO-100, 110, 130, 208 HE-163, 164 HST-101, 102, 103, 130, 131, 132, 136, 137, 138, 201, 202, 203 HUM-237 PS-200, 201, 203, 204, 205, 225, 297 PSY-200, 205, 215, 219, 231 SOC-204, 205, 206, 210, 225 SSC-235, 237, 240, 241, 242 WS-101
	Science/Math/Computer Science 3 courses, including at least 1 biological or physical science with a lab.	ASC-175, 176, 177 BI-101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234 CH-104, 105, 106, 112, 114, 221, 222, 223 ESR-171, 172, 173 G-101, 102, 103, 148, 201, 202, 203 GS-104, 105, 106, 107 MTH-105Z, 111Z, 112Z, 211, 212, 213, 243, 244, 251, 252, 253, 254, 256, 261 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 STAT-243Z Z-201, 202, 203
	Elective Courses Combined with above must equal at least 45 credits.	Courses must be from Arts & Letters, Social Science, or Science/Math/Computer Science disciplines above.

Notes:

- 1. All courses must be 100 level or higher.
- 2. All courses must be at least 3 credits.
- 3. All courses must be passed with a grade of "C" or better.
- 4. Students must have a minimum cumulative GPA of 2.0 at the time the module is posted.
- 5.No course may be used to satisfy more than one requirement or distribution area.

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

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College: Clackamas Communit	y College	9				D	ate			
	CAREER	LEARN:	ING	ARI	EA					
☐ Ag, Food & Natural Resource Syste	ems		Hea	lth S	ervic	es				
□ Arts, Information & Communication	ns				Resou					
☐ Business & Management			Ind	ustri	al & E	ngin	eering Sy	stems		
	PROGRAI	M TNFO	RM	ΔΤΤ)N					
APPROVED	ROOKA			VED		ſ	APPRO	VFD	Curre	nt
Program Title			P Co		•	Re	cognitio		Credi	_
		(Include	e 7 th &	8 th di						
			for O portin	CCUR: 1g.)	5					
(For Official Program Title, refer to your direct http://www.ode.state.or.us/search/results/?id		6-digit C	ZIP	Z th	8 th					
AAS Title:				<u>digit</u>	<u>digit</u>	- /	116			
Project Management		52.020	ne l			2000 A 20	AAS (90-108 c	redits)	90-92	
AAS.PROJECTMNGT		52.020	05				(50 100 0	i cuits)	90-92	•
Option Title**							<i>OPTION</i> t	o AAS		
option ride							Degree			
Related Certificates:							Certificato Completio			
Project Management Certificate Project Management Leadership &						· ·	Completic	/ 11		
Communication CP										
Project Management Tools & Technique	es CP									
st amendment approved on 05.15.2020			<u> </u>							
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☐ New Program++		culum R				To	Revisio	n in Prog	ram Cre	dits
☐ Title Change for Program						Pi		otal Credit		
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:	Proposed Certificate Title:									
☐ SUSPENSION of Program	Reason for S	Suspension:								
ui:\curriculum office\(02) curriculum committee\1-meet	ings\2022.22.r	tin \ 20	22.01	20\		h	110			

Suspension Effective Date:	
	 •

	CURRENT CURRICULUM		proce circ i i	Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits		Title	Hours	Credits		
					ce Degree: 1 st Year		C. Ca.to		
Fall Term					<u> </u>				
BA-101	Introduction to Business	44	4			T			
BA-131	Introduction to Business Computing	44	4						
MTH-065 Or BA-104	Algebra II or Business Math	33- 44	3-4						
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4		
Winter Term									
BA-120	Project Management Fundamentals	44	4						
BA-226	Business Law I	44	4						
BT-177	Microsoft Project	33	3						
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4		
Spring Term									
BA-111 Or BA-211	General Accounting I or Financial Accounting	33-44	3-4						
BA-122	Teamwork	33	3						
BA-124	Negotiation	33	3						
BA-217	Budgeting for Managers	33	3						
	Project Management Program Electives	33	3						
		ement Ass	sociate of A	oplied Science	ce Degree: 2 nd Year				
Fall Term									
BA-125	Advanced Project Management Tools	55	5						
BA-205	Business Communications with Technology	44	4						
BA-223	Principles of Marketing	44	4						
BA-285	Human Relations in Business	44	4						
Winter Term									
BA-123	Leadership & Motivation	33	3						
BA-126	Project Management: Workshop	33	3						
BA-206	Management Fundamentals	44	4						
CS-135S	Microsoft Excel	33	3						
	PE/Health/Safety/ First Aid requirement		1						
Spring Term									
BA-268	Applied Project Demonstration	33	3						
WR-227	Technical Report Writing	44	4	WR-227Z	Technical Writing	44	4		

	Project Management program elective		7					
Project Management Program Electives								
Any Business Administration (BA) or Business Technology (BT) course not included in the Project Management program.								
TOTAL CURR	RENT CREDITS:		90-92	TOTAL PRO	OPOSED CREDITS:			

College Contact	Frank Corona		Telephone No.	6498		
E-Mail Address			Fax No.			
Chief Academic Office	er <i>or</i>			Date		
PTE Dean Signature						

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



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Office of Educational Improvement & Innovation

This form should be completed e Current instructions, form http://ww	ns, hando		er us	eful	resources are			:
College: Clackamas Communit	ty College	e			Date			
	CAREER	LEARNING	ARI	FΔ				
☐ Ag, Food & Natural Resource Syste	_		alth S		es			┪
Arts, Information & Communication	ons	☐ Hu	man l	Resou	ırces			
☐ Business & Management		☐ Inc	dustri	al & E	ingineering Sy	stems		
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	PROGRA	M INFORM	ATIC	N				
<u>APPROVED</u>		<u>APPRO</u>			<u>APPRO</u>		Current	
Program Title		CIP C (Include 7 th		iaits	Recognition	n Award	Credits	•
		used for (OCCUR					
(For Official Program Title, refer to your dire		report <u>6-diait CIP</u>	ing.) 7 th	8 th				
http://www.ode.state.or.us/search/results/?i	<u>(d=232</u>)		<u>digit</u>	<u>digit</u>				
AAS Title:					☐ Associate			
Project Management AAS					Applied So (AAS) Deg			
Option Title**					□ <i>OPTION</i> t			1
					Degree			
Certificate Title: <u>Within AAS Degree?</u> √ Y No Project Management Leadershi Communication — Career Pathw CC.PMLEADERCOM	р&	52.0205			√ Career Pa (12-44)	thway	21	
**Enter name of base degree in 'AAS Title' box								_
ast amendment approved on 02/15/19	DE OE DI		MEN	DME	NT			
11	_	ROGRAM A eck ALL That /		שושו	IN I			
☐ New Program++		culum Revi			☐ Revisio	n in Prog	ram Cred	its
☐ Title Change for Program					Proposed To	otal Credit	:s:	
Proposed AAS Title:					-			
Proposed OPTION Title:								
Proposed Certificate Title:								
□ SUSPENSION of Program	Reason for S	Suspension:						

С	URRENT CURRICULUM .	22-23		P	ROPOSED CURRICULU	M 23-24	!
Course	Title	Hours	Credits	Course	Course Title Hours		
Fall Term		=				=	
BA-205	Business Communications with Technology	44	4				
COMM-111	Public Speaking	44	4	COMM- 111Z	Public Speaking	44	4
Winter Term		_				_	
BA-123	Leadership & Motivation	33	3				
BA-285	Human Relations in Business	44	4				
Spring Term		=				=	
BA-122	Teamwork	33	3				
BA-124	Negotiation	33	3				
TOTAL CURR	TOTAL CURRENT CREDITS: 21			TOTAL PROPOSED CREDITS:			

College Contact	Frank Corona	Telephone No.	6498	
E-Mail Address		Fax No.	Date	
Chief Academic Office PTE Dean Signature			Date	

Suspension Effective Date:

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

This form should be completed electronically and the boxes will expand to accommodate text.

Current instructions, forms, handouts and other useful resources are located at

http://www.ode.state.or.us/search/results/?id=231

College:	Clackamas Communit	y College				I	Date				
		CAREER	I F A	DNTN	2 A DI	FΛ					
☐ Ag, Foo	d & Natural Resource Syste		LLA			ervic	96				
	formation & Communication					Resou		S			
	ss & Management							neering Sy	stems		
	•		<u>u</u>								
		PROGRAI	M IN	IFORM	ATI	ON					
<u>APPROVED</u> Program Title			(In	APPRO CIP C clude 7 th used for 0 report	Code & 8 th d OCCUR	igits	R	<u>APPRO</u> ecognitio		Curro	
(For Office http://ww	cial Program Title, refer to your directive.com.com.com.com.com.com.com.com.com.com	ctory at d=232)	<u>6-d</u>	igit CIP	<u>Zth</u> <u>digit</u>	<u>8th</u> digit	-				
					redits)	98-1	.01				
Option Tit	le**							OPTION to Degree	o AAS		
Energy Sys	ertificates: tems Maintenance Technicia Energy Technology Certifica							Certificate Completic			
**Enter name	of base degree in 'AAS Title' box				u.						
AST AMENDM	ENT APPROVED ON 05.20.22 TY	PE OF PF (Che		RAM A L That /		IDME	NT				
	rogram++	☐ Curri	culu	m Revi	sion				n in Prog		edits
☐ Title C	hange for Program						F	Proposed To	otal Credit	s:	
	Proposed AAS Title:										
	Proposed OPTION Title:										
Pr	oposed Certificate Title:										
□ SUSPL	ENSION of Program	Reason for S	Suspens	sion:							

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRENT CURRICULUM			PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
					ence Degree: 1 st Year				
Fall Term									
EET-139	Principles of Troubleshooting I	33	2						
IMT-104	Reading Schematics and Symbols	22	2						
MFG-130	Basic Electricity I	33	3						
MTH-050	Technical Mathematics I	44	4						
RET-200	Renewable Energy Systems	22	2						
	Human Relations requirement		3						
Winter Term									
IMT-120	Industrial Machinery I	66	3						
MFG-109	Computer Literacy for Technicians	33	3						
MFG-131	Basic Electricity II	33	3						
MFG-221	Materials Science	66	3						
MTH-080	Technical Mathematics II	33	3						
RET-209	Renewable Energy I: Energy Efficiency	66	3						
Spring Term									
IMT-220	Industrial Machinery II	66	3						
MFG-107	Industrial Safety & First Aid	33	3						
MFG-132	Basic Electricity III	33	3						
RET-211	Renewable Energy II: System Fundamentals	66	3						
WR-101 Or WR-121	Communication Skills: Occupational Writing Or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing Or Composition I	33- 44	3-4		
	Renewable Energy	Technolog	y Associate	e of Applied Scie	ence Degree: 2 nd Year				
Fall Term	T	Lagara					ı		
IMT-230 Or MFG-103 Or WLD-150	Introduction to Heating, Ventilation, and Air Conditioning or Machining for Fabrication & Maintenance	66-88	3-4						
	or Welding Processes								
EET-215	Technical Mechanics	66	3						
IMT-108	Rigging and Lifting	44	2			1			

			T		-	
RET-213	Renewable Energy III:	66	3			
	Installation & Maintenance					
RET-240	Alternative Fuels	88	4			
Winter Term						
EET-225	Mechatronics I	44	2			
EET-233	Programmable Logic Controllers I	33	3			
MFG-140	Principles of Fluid Power	66	3			
MFG-209	Programming & Automation for Manufacturing	33	3			
RET-215	Renewable Energy IV: Systems Design	66	3			
	CDT Elective		3			
Spring Term						
EET-234	Programmable Logic Controllers II	33	3			
EET-235	Mechatronics II	44	2			
HD-209 Or RET-280	Job Search Skills Or Renewable Energy/CWE	33- 144	3-4			
IMT-223	Instrumentation & Controls	66	3			
RET-217	Renewable Energy Capstone Project	66	3			
RET-220	SCADA Fundamentals	66	3			
CDT Electives						
	th a CDT prefix not included in	the Ren	ewable			
Energy Techno	ology Program.					
TOTAL CURRENT CREDITS:			98-101	TOTAL PROPOSED CREDI	ITS:	

College Contact	Industr	rial Technology Department	Telephone No.	3318	
E-Mail Address			Fax No.		
Chief Academic Offic PTE Dean Signature				Date	

Oregon Department of Community Colleges and Workforce Development

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

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http://www.ode.state.or.us/search/results/?id=231

College:	Clackamas Communit	y College	/ College				Date			
		CAREER	LEA							
	d & Natural Resource Syste					ervic				
	formation & Communication	ns				Resou		-1		
□ Busines	ss & Management			□ Inc	austri	aı & E	ngineering Sy	stems		
		PROGRA	M IN	IFORM	IATIO	ON				
<u>APPROVED</u>				APPRO	OVED		APPRO	<u>VED</u>	Cur	rent
Program Title				CIP C	Code		Recognition	n Award	Cre	edits
			(In	clude 7 th used for 0	& 8 th d	igits S				
(Four Official Dunamous Title unfour to your discontent of				report	ing.)					
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)			<u>6-d</u>	igit CIP	<u>Zth</u> <u>digit</u>	<u>8</u> th <u>digit</u>				
AAS Title:							☐ Associate	of		
Renewab	le Energy Technology	AAS					Applied S			
							(AAS) Deg			
Option Tit	:le**						☐ OPTION t Degree	o AAS		
Certificate	e Title: <u>Within</u> AAS Degree? √ Y	es** 🗆	4.5	0202		D	√ CC1R Rela		40	F 0
	le Energy Technology		15.	0303	J	В	(45-60 cr	=	49-	50
CC.RNEWNR							(15 55 5.1)	ou.co,		
	of base degree in 'AAS Title' box									
AST AMENDM	ENT APPROVED ON 05.20.22									
	IY	PE OF PF (Che		L That A		IDME	:N I			
☐ New P	rogram++	☐ Curri	culu	m Revi	sion		✓ Revisio	n in Prog	ram (Credits
☐ Title C	hange for Program						Proposed To	otal Credit	s:	
	Proposed AAS Title:									
	Proposed OPTION Title:									
Pr	oposed Certificate Title:									
	ENSION of Program	Reason for S	Suspens	sion:						
9	Suspension Effective Date:									

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program. lis\i:\curriculum office\(02) curriculum committee\1-meetings\2022-23 meetings\2023-01-20\program changes\10_program amendments\ccn amendments without credit changes\amendment renewable energy technology cc.docx\09202005 (Revised 05/17/05)

	CURRENT CURRICULUM			PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title	Hours	Credits		
Fall Term						_			
EET-139	Principles of Troubleshooting I	33	2						
IMT-104	Reading Schematics and Symbols	22	2						
MFG-130	Basic Electricity I	33	3						
MTH-050	Technical Mathematics I	44	4						
RET-200	Renewable Energy Systems	22	2						
	Human Relations requirement		3						
Winter Term		•				•			
IMT-120	Industrial Machinery I	66	3						
MFG-109	Computer Literacy for Technicians	33	3						
MFG-131	Basic Electricity II	33	3						
MFG-221	Materials Science	66	3						
MTH-080	Technical Mathematics II	33	3						
RET-209	Renewable Energy I: Energy Efficiency	66	3						
Spring Term		-							
IMT-220	Industrial Machinery II	66	3						
MFG-107	Industrial Safety & First Aid	33	3						
MFG-132	Basic Electricity III	33	3						
RET-211	Renewable Energy II: System Fundamentals	66	3						
WR-101 Or WR-121	Communication Skills: Occupational Writing Or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4		
TOTAL CURRENT CREDITS:			49-50	TOTAL PR					

College Contact	Indust	rial Technology Department	Telephone No.	3318		
E-Mail Address			Fax No.			
Chief Academic Office PTE Dean Signature				Date		

Oregon Department of Community Colleges and Workforce Development

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

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College:	Clackamas Communit	y College					I	Date		
		CAREER	IEAE	DNITNIC	ADI	E A				
-/ Ag Food			LEAR			ervic	06			
	d & Natural Resource System formation & Communication							6		
	s & Management	1115	☐ Human Resources☐ Industrial & Engineering Systems							
<u> </u>	3 & Hanagement			<u> </u>	143611	ui & L	9.	neering 5y.	JCIII3	
		PROGRAI	M IN	FORM	ATIO	ON				
	<u>APPROVED</u>			APPRO	OVED)		<u>APPRO</u>	<u>VED</u>	Current
Program Title				CIP C			R	ecognition	n Award	Credits
			lude 7 th a							
/F 0.55			report	ing.)						
(For Official Program Title, refer to your directory a http://www.ode.state.or.us/search/results/?id=232			<u>6-di</u>	git CIP	<u>7</u> th diait	<u>8th</u> digit				
AAS Title:						√	AAS			
Water & Environmental Technology			15.0	0506	I	*	V	(90-108 c	redits)	90-91
	NVIRONTECH				_				•	
Option Titl	e**							OPTION to	o AAS	
								Degree		
Related Ce	ertificates:							Certificate	e of	
,	Vater Certificate							Completio	n	
	ronmental Technology Certific	ate								
	f base degree in `AAS Title' box ENT APPROVED ON 10/7/2016									
AST APILINDINE		PE OF PR) C) A M A	MEN	DME	NT			
		_		L That A		JI-IL	.1 🔻 1			
	ogram++	☐ Curri	culur	n Revi	sion			Revisio	n in Prog	ram Credit
☐ Title Ch	ange for Program						F	<i>Proposed</i> To	otal Credit	:s:
	Proposed AAS Title:									· ·
F	Proposed OPTION Title:									
Pro	pposed Certificate Title:									
□ SUSPE	NSION of Program	Reason for S	uspensi	ion:						
C.	uspension Effective Date:									

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

	CURRENT CURRICULUM		piete trie Fi	Proposed Curriculum section only.] PROPOSED CURRICULUM 23-24						
Course	Title	Hours	Credits		Title	Hours	Credits			
Course					d Science Degree: 1st Year	Hours	Credits			
Fall Term	Water & Environment	ar recinio	logy Associ	ate of Applied	a Science Degree. 1 Tear					
MTH-082A	Wastewater Math I	11	1			T				
MTH-082B	Waterworks Math I	11	1							
WET-110	Wastewater Operations I	33	3							
WET-111	Waterworks Operations I	33	3							
WET-112	Computer Applications for Water and Wastewater Operations	55	4							
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4			
 -	Human Relations requirement (Recommended: PSY-101)		3							
Winter Term										
BI-204	Elementary Microbiology	66	4							
MTH-082C	Wastewater Math II	11	1							
MTH-082D	Waterworks Math II	11	1							
WET-120	Wastewater Operations II	33	3							
WET-121	Waterworks Operations II	33	3							
WET-122	Water Distribution and Wastewater Collection Systems	33	3							
WET-123	Environmental Chemistry I	55	3							
Spring Term										
WET-109	Backflow Assembly Operation and Testing	66	4							
WET-130	Wastewater Operations III	66	4							
WET-131	Water Treatment	66	4							
WET-132	Collection & Distribution Lab	33	1							
WET-134	Environmental Chemistry II	55	3							
WET-180	Water & Environmental Projects I	180	5							
	Water & Environmenta	al Technol	logy Associa	ate of Applied	l Science Degree: 2 nd Year					
Fall Term										
GIS-201	Introduction to Geographic Information Systems	66	3							
WET-125	High Purity Water Production I	33	3							
WET-241	Aquatic Microbiology	66	4							
WET-242	Hydraulics for Water & Wastewater	33	3							

WET-245	Instrumentation & Control	66	4						
WET-280	Water & Environmental Projects II	180	5						
Winter Term									
HE-252*	First Aid/CPR/AED (*Course may be waived with current CPR card)	33	3						
MTH-082E	Math for High Purity Water	11	1						
WET-108	Cross-Connection Control Program Specialist	36	3						
WET-135	High Purity Water Production II	66	4						
TOTAL CURR	OTAL CURRENT CREDITS:			TOTAL PRO	TOTAL PROPOSED CREDITS:				

College Contact	Matt LaForce	Telephone No.	3148	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

Oregon Department of Community Colleges and Workforce Development

Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203 Office of Educational Improvement & Innovation

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College:

COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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CAREER	LEAF	RNING	ARI	EA						
√ Ag, Food & Natural Resource Systems		☐ He	alth S	Servic	ervices					
☐ Arts, Information & Communications		☐ Hu	man l	Resou	ırce	S				
☐ Business & Management		☐ Inc	dustri	al & E	ngi	neering Systems				
PROGRAI	M IN	FORM	ATIO	ON						
<u>APPROVED</u> Program Title	APPROVED CIP Code (Include 7 th & 8 th digits used for OCCURS reporting.)			igits	R	APPROVED ecognition Award	Current Credits			
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)	<u>6-di</u>	ait CIP	<u>Zth</u> <u>digit</u>	8 th digit						
AAS Title: Water & Environmental Technology AAS						Associate of Applied Science (AAS) Degree				
Option Title**						OPTION to AAS Degree				
Certificate Title: <u>Within AAS Degree? √ Yes**</u> □ No Water & Environmental Technology CC.WATERENVIRONTECH	15.0	0506	J	*	√	CC1R Related Certificate (45-60 credits)	57-58			
*Enter name of base degree in `AAS Title' box										

TY	TYPE OF PROGRAM AMENDMENT (Check ALL That Apply)									
□ New Program++	□ Curriculum Revision	□ Revision in Program Credits								
☐ Title Change for Program		Proposed Total Credits:								
Proposed AAS Title:										
Proposed OPTION Title:										
Proposed Certificate Title:										
□ SUSPENSION of Program	Reason for Suspension:									
Suspension Effective Date:										

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

C	CURRENT CURRICULUM .			-	ROPOSED CURRICULU	M 23-24	!
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Fall Term							
MTH-082A	Wastewater Math I	11	1				
MTH-082B	Waterworks Math I	11	1				
WET-110	Wastewater Operations I	33	3				
WET-111	Waterworks Operations I	33	3				
WET-112	Computer Applications for Water and Wastewater Operations	55	4				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4
-	Human Relations requirement (Recommended: PSY-101)		3				
Winter Term							
BI-204	Elementary Microbiology	66	4				
MTH-082C	Wastewater Math II	11	1				
MTH-082D	Waterworks Math II	11	1				
WET-120	Wastewater Operations II	33	3				
WET-121	Waterworks Operations II	33	3				
WET-122	Water Distribution and Wastewater Collection Systems	33	3				
WET-123	Environmental Chemistry I	55	3				
Spring Term							
WET-109	Backflow Assembly Operation and Testing	66	4				
WET-130	Wastewater Operations III	33	4				
WET-131	Water Treatment	33	4				
WET-132	Collection & Distribution Lab	33	1				
WET-134	Environmental Chemistry II	55	3				
WET-180	Water & Environmental Projects I	180	5				
TOTAL CURR	RENT CREDITS:		57-58	TOTAL PRO	OPOSED CREDITS:		

College Contact	Matt LaFor	Telephone No.	3148	
E-Mail Address		Fax No.		
Chief Academic Office PTE Dean Signature			Date	

Oregon Department of Community Colleges and Workforce Development

Suspension Effective Date:

Office of Educational Improvement & Innovation

Phone: (503) 378-3600

FAX: (503) 378-5156

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current instructions, form		its and oth e.or.us/sear				e located a	ıτ					
College: Clackamas Communi	ty College	1			Date							
		LEARNING										
☐ Ag, Food & Natural Resource System				ervic								
☐ Arts, Information & Communication	ons			Resou								
☐ Business & Management			lustri	al & E	ingineering Sy	stems						
PROGRAM INFORMATION												
APPROVED APPROVED Current												
Program Title CIP Code Recognition Award Credits												
(Include 7 th & 8 th digits												
used for OCCURS reporting.)												
(For Official Program Title, refer to your dire	ectory at	6-digit CIP	7 th	8 th	_							
http://www.ode.state.or.us/search/results/?	<u>id=232</u>)		<u>digit</u>	<u>digit</u>								
AAS Title:					√ AAS							
Web Design & Development		11.1004			(90-108 c	94-96						
AAS.WEBDESIGNDEV												
Option Title**					□ <i>OPTION</i> t	o AAS						
					Degree							
Related Certificates:					☐ Certificate	e of						
Web Design Certificate					Completic							
					-							
**Enter name of base degree in 'AAS Title' box Last amendment approved on 01.21.22												
	/DF OF DR	OGRAM A	MFN	DME	NT							
•	(Chec	ck ALL That A	Apply)		-11							
□ New Program++	☐ Curric	culum Revi	sion				am Credits					
☐ Title Change for Program					Proposed To Credits:	otal						
Proposed AAS Title:												
Proposed OPTION Title:												
Proposed Certificate Title:												
SUSPENSION of Program	Reason for Su	ispension:										

(CURRENT CURRICULUM				culum section only.] PROPOSED CURRICULU	LUM 23-24		
Course	Title	Hours	Credits	Course	Title	Hours	Credits	
		-	!		ience Degree: 1 st Year			
Fall Term				<u> </u>				
ART-225	Computer Graphics I	66	3					
CS-125H	HTML & Web Site Design	33	3					
CS-140	Introduction to Operating Systems	44	4					
	Web Design & Development program elective		4					
Winter Term								
CS-133S	Introduction to JavaScript & Server-Side Scripting	33	3					
CS-151 Or CS-275	Networking I Or Database Design	33-66	3-4					
CS-273	CMS Web Development	33	3					
	Web Design & Development program elective	33	3					
Spring Term	Ciccuvc							
ART-226	Computer Graphics II	66	3			Π	ı	
CS-135I	Advanced Web Design with Dreamweaver	33	3					
CS-234J	jQuery Web Development	33	3					
CS-234P	PHP/MySQL Web Development	33	3					
Summer Term	١	-		_		_		
CS-280	Computer Science/CWE	108	3					
MTH-065 Or higher	Algebra II or higher level math	44	4-5	MTH-065 Or higher	Algebra II or higher level Math or Statistics	44	4-5	
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4	
	Human Relations requirement		3-4					
	Web Design & Dev	velopment	Associate	of Applied Sci	ence Degree: 2 nd Year			
Fall Term								
CS-135DB	Microsoft Access	33	3					
CS-240L	Linux Administration I	44	4					
CS-280	Computer Science/CWE	108	3					
WR-122	English Composition	44	4	WR-122Z	Composition II	44	4	
Winter Term								
CS-151 Or	Networking I Or	33-66	3-4					
CS-275	Database Design							

Oregon Department of Community Colleges and Workforce Development

and Workforce Development
255 Capitol Street NE
Salem, OR 97310-0203

Clackamas Community College

Phone: (503) 378-3600 FAX: (503) 378-5156

Office of Educational Improvement & Innovation



College:

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(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

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	CAREER	LEARNING	ARI	EA				
☐ Ag, Food & Natural Resource Syste	ems	☐ He	alth S	ervic	es			
☐ Arts, Information & Communication	ns	☐ Human Resources						
☐ Business & Management		☐ Industrial & Engineering Systems						
		_						
	PROGRA	M INFORM	ATIO	NC				
<u>APPROVED</u>		<u>APPR</u>	OVED		<u>APPROVED</u>	Current		
Program Title	CIP C			Recognition Award	Credits			
	(Include 7 th used for 0							
(For Official Business Title and to see an discount	- 4 4	report			-			
(For Official Program Title, refer to your direct								

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program. lis\i:\curriculum office\(02) curriculum committee\1-meetings\2022-23 meetings\2023-01-20\program changes\10_program amendments\ccn amendments without credit changes\amendment web design cc.docx\09202005 (Revised 05/17/05)

	<u>~</u>		plete the Pr	Proposed Curriculum section only.]							
C	CURRENT CURRICULUM	<i>22-23</i>		P	ROPOSED CURRICULUI	_					
Course	Title	Hours	Credits	Course	Title	Hours	Credits				
Fall Term											
ART-225	Computer Graphics I	66	3								
CS-125H	HTML & Web Site Design	33	3								
CS-140	Introduction to Operating Systems	44	4								
	Web Design program elective		4								
Winter Term											
CS-133S	Introduction to JavaScript & Server-Side Scripting	33	3								
CS-151	Networking I	33-66	3-4								
Or	or										
CS-275	Database Design										
CS-181	CMS Web Development	33	3								
	Web Design program elective		3								
Spring Term											
ART-226	Computer Graphics II	44-66	3-4								
Or CS-240L	Or Linux Administration T										
	Linux Administration I	22	2								
CS-135I	Advanced Web Design with Dreamweaver	33	3								
CS-234J	jQuery Web Development	33	3								
CS-234P	PHP/MySQL Web Development	33	3								
Summer Term											
CS-280	Computer Science/CWE	108	3								
MTH-065 Or higher	Algebra II or higher level math	44	4-5	MTH-065 Or higher	Algebra II or higher level Math or Statistics	44	4-5				
WR-121	English Composition	44	4	WR-121Z	Composition I	44	4				
	Human Relations requirement		3-4								
Web Design Pi	rogram Electives										
	CS, or DMC course not include	ed in the V	Veb								
Design CC pro											
TOTAL CURR	RENT CREDITS:		52-56	TOTAL PRO	OPOSED CREDITS:						

College Contact	Debra Carino		Telephone No.	3170	
E-Mail Address			Fax No.		
Chief Academic Office	er <i>or</i>			Date	
PTE Dean Signature					

Oregon Department of Community Colleges and Workforce Development

255 Capitol Street NE Phone: (503) 378-3600 Salem, OR 97310-0203 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Office of Educational Improvement & Innovation

This form should be completed electronically and the boxes will expand to accommodate text. Current instructions, forms, handouts and other useful resources are located at http://www.ode.state.or.us/search/results/?id=231

College:	ollege: Clackamas Community College							Date			
		CAREER	I E A '	DNITNI	2 A D	ΕΛ.					
☐ Ag, Foo	od & Natural Resource Syste		LEA				<u> </u>				
	formation & Communication										
	ss & Management							neering Sy	stems		
		PROGRAI	M IN	IFORM	ATIO	N					
	<u>APPROVED</u> Program Title		<u>APPRO</u>				<u>APPRO</u>		Current		
	/In	CIP C		aita	R	ecognitio	n Award	Credits			
				used for (OCCUR!						
	cial Program Title, refer to your direc		6-d	report igit CIP	ing.) ブ ^か	8 th	• toe				
http://wv		3.1 02.	<u>digit</u>	<u>digit</u>							
AAS Title:						AAS		90-94			
Wildland AAS.WLDLN						(90-108 c	redits)				
Option Tit						<i>OPTION</i> t	o AAS				
							_	Degree			
Contificati	- T:Ha						П	Certificate	- of		
No Certificate	e Title: <u>Within</u> AAS Degree? □ Y	′es** □						Completic	_		
	of base degree in 'AAS Title' box										
<u>ast amenume</u>	nt approved on 2/7/20	PE OF PR	206	DAM A	MEN	DME	NT				
	•	_		L That		DITL	.141				
□ New P	rogram++	□ Currio						Revisio	n in Prog	ram Credits	
☐ Title C	hange for Program						P	Proposed To	otal Credit	s:	
	Proposed AAS Title:						-				
	Proposed OPTION Title:										
Pr	oposed Certificate Title:										
□ SUSPI	ENSION of Program	uspens	sion:								
9	Suspension Effective Date:										
. T.C	ous is an additional accord for an a					-t- \D.	_		+: f		

⁺⁺If new program is an additional award for an existing degree or certificate, complete 'Program Information' section for existing program.

(CURRENT CURRICULUM		npiece che		riculum section only.] ROPOSED CURRICULU	M 23-24	7
Course	Title	Hours	Credits	Course	Title	Hours	
	-	<u> </u>	1 st \	⁄ear	•		
Fall Term							
FRP-101	Basic Forest Management	33	3				
FRP-102	Basic Forest Management Lab	33	1				
FRP-130	Introduction to Wildland Firefighting (S-130/S- 190/ICS-100/IS-700/L- 180)	44	2				
FRP-243	Wilderness I: Psychology of Survival	33	3				
GIS-101	Principles of Geospatial Technology	44	2				
WR-101 Or WR-121	Communication Skills: Occupational Writing or English Composition	33-44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33-44	3-4
	Program Electives		1				
Winter Term							
FRP-211	Portable Pumps and Water Use (S-211)	20	2				
FRP-244	Wilderness II: Basic Land Navigation (S-244)	33	3				
FRP-245	Wilderness III: Weather of the Northwest	22	2				
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	44	2				
MTH-050 Or MTH-065	Technical Mathematics I Or Algebra II	44	4				
Spring Term	Program Electives		2-3				
BI-103	General Biology; Plants & the Ecosystem	66	4			П	
BI-103L	General Biology; Plants & The Ecosystem Lab	33	0				
FRP-110	Basic Wildland Fire Investigation (FI-110)	10	1				
FRP-131	Advanced Firefighter Training (S-131/S-133)	12	1				
FRP-205	Forest Management Assessments and Inventories	33	3				
FRP-249	Followership to Leadership (L-280)	20	2				

FRP-250	Wilderness VI: Basic Tool Use and Care	20	1				
FRP-270	Basic Air Operations (S-270)	16	1				
	Related Instruction: Human Relations		3-4				
		_	2 nd	Year	-		
Fall Term				_			
FRP-200	Basic Incident Command System (I- 100, I-200, IS-700, IS- 800)	44	4				
FRP-275	Wildland Fire Management 1	40	4				
GIS-201	Introduction to Geographic Information Systems	66	3				
	Program Electives		4				
Winter Term					_	_	
FRP-215	Fire Operations in the Urban Interface (S-215)	24	2				
FRP-220	Initial Attack Incident Commander (S-200)	16	1				
FRP-265	Wildland Fire Prevention Education 1 (P-101)	33	3				
FRP-290	Intermediate Wildland Fire Behavior (S-290)	32	3				
	GIS Electives		3				
	Program Electives		3				
Spring Term		_					
FRP-212	Wildfire Power Saws (S-212)	40	2				
FRP-230	Crew Boss (Single Resource) (S-230)	24	2				
FRP-231	Engine Boss (Single Resource) (S-231)	12	1				
	GIS Electives		2-3				
	Program Electives		7				
Program Elec	ctives						
	RP, GEO, GIS, or UAS cours Fire Management Program.	e not inc	cluded in				
TOTAL CUR	RENT CREDITS:		90-94	TOTAL P	ROPOSED CREDITS	:	
College Co				_	Telephone No.		
E-Mail Add					Fax No.		
	emic Officer or					Date	

☐ Ag, Food & Natural Resource Systems

☐ Arts, Information & Communications

☐ Business & Management

Clackamas Community College

255 Capitol Street NE Salem, OR 97310-0203

College:

Phone: (503) 378-3600 FAX: (503) 378-5156



COMMUNITY COLLEGE PROGRAM AMENDMENT FORM

(For changes to State Approved Associate of Applied Science degree, AAS option and Certificate of Completion programs)

Date

This form should be completed electronically and the boxes will expand to accommodate text.

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http://www.ode.state.or.us/search/results/?id=231

CAREER LEARNING AREA

☐ Health Services

□ Human Resources

X Industrial & Engineering Systems

	PROGRA	M INFORM	IATIO	NC		
APPROVED Program Title	APPRO CIP ((Include 7 th used for (report	Code & 8 th d OCCUR	igits S	<u>APPROVED</u> Recognition Award	Current Credits	
(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)		<u>6-digit CIP</u>	<u>Zth</u> <u>digit</u>	<u>8th</u> <u>digit</u>		
AAS Title:					☐ AAS	
Related Certificates: Wilderness Survival & Leadership CP Wildland Fire Forestry CP Wildland FireFighter 1					☐ OPTION to AAS Degree	
Certificate Title: <u>Within AAS Degree?</u> √ Yes** □ No Wildland Fire Science CC.FSWILDLAND		43.0203			√ CC1 (45-60 credits)	45-48
*Enter name of base degree in 'AAS Title' box ST AMENDMENT APPROVED ON 2/7/20						
TY		ROGRAM A eck ALL That A		IDME	NT	
□ New Program++□ Title Change for Program	☐ Curri	culum Revi	sion		✓ Revision in Prog <i>Proposed</i> Total Credit	
Proposed AAS Title:						
Proposed OPTION Title:						
Proposed Certificate Title:						
□ SUSPENSION of Program	Reason for S	Suspension:				
Suspension Effective Date:						

(CURRENT CURRICULUM	piece die i	PROPOSED CURRICULUM 23-24					
Course	Title	Hours	Credits	Course	Title		Credits	
First Term								
FRP-101	Basic Forest Management	33	3					
FRP-102	Basic Forest Management Lab	33	1					
FRP-130	Introduction to Wildland Firefighting (S-130/S- 190/ICS-100/IS-700/L- 180)	44	2					
FRP-243	Wilderness I: Psychology of Survival	33	3					
GIS-101	Principles of Geospatial Technology	44	2					
WR-101 Or WR-121	Communication Skills: Occupational Writing Or English Composition	33- 44	3-4	WR-101 Or WR-121Z	Communication Skills: Occupational Writing or Composition I	33- 44	3-4	
Second Term								
FRP-211	Portable Pumps and Water Use (S-211)	20	2					
FRP-244	Wilderness II: Basic Land Navigation (S-244)	33	3					
FRP-245	Wilderness III: Weather of the Northwest	22	2					
FRP-246	Wilderness IV: Backcountry CPR/First Aid/AED	44	2					
MTH-050 Or MTH-065	Technical Mathematics I Or Algebra II	44	4					
	Fire Science (Wildland) program electives		2-3					
Third Term								
BI-103	General Biology; Plants & the Ecosystem	66	4					
BI-103L	General Biology; Plants & The Ecosystem Lab	33	0					
FRP-110	Basic Wildland Fire Investigation (FI-110)	10	1					
FRP-131	Advanced Firefighter Training (S-131/S-133)	12	1					
FRP-205	Forest Management Assessments and Inventories	33	3					
FRP-249	Followership to Leadership (L-280)	20	2					
FRP-250	Wilderness VI: Basic Tool Use and Care	20	1					

FRP-270	Basic Air Operations (S-270)	16	1							
	Human Relations requirement		3-4							
Wildland Fire Science Program Electives										
	GEO, GIS, or UAS course not cience program	included	in the							
TOTAL CURR	ENT CREDITS:		45-48	TOTAL PRO	OPOSED CREDITS:					

College Contact		Telephone No.		
E-Mail Address		Fax No.		
Chief Academic Officer <i>or</i>			Date	
PTE Dean Signature				

We have a topic/issue for which we would like to get Curriculum Committee's thoughts on. We (I speak from the position of Department Chair of Business & Computer Science) would like to approach the Curriculum Committee on the following:

At one point (prior to the pandemic) Computer Science (part of the Business & CS Department), utilized a Placement test proctored by the Testing Center to ascertain if students knew basic computer skills (such as taught in CS-120). However, at some point during or right before the pandemic, the creator of the test (a third-party company) told the Testing Center that the test had expired and could no longer be used. There was therefore no CS placement exam for approximately two years. The Testing Center then attempted to answer student questions (by those students seeking to take the test) as to what skills they needed to know in order to take the following courses which seemed to require CS-120 or some type of computer literacy skill.

CRSE	Enforcement	Requisite
CS-125H	Recommended Prerequisites	CS-120 or equivalent experience
CS-135DB	Prerequisites	CS-120 or equivalent level of computer literacy
CS-135S	Prerequisites	CS-120 or BA-131, or equivalent level of computer literacy
CS-135W	Prerequisites	BA-131 or CS-120, or equivalent level of computer literacy
CS-140	Prerequisites	CS-120 or equivalent placement, and MTH-060 or placement in MTH-065, and WRD-098 or placement in WR-121
CS-225	Prerequisites	CS-120 or placement in CS-121 or equivalent experience. WRD-098 or placement in WR-101 or WR-121
CS-275	Prerequisites	CS-120 and BA-131, or equivalent level of computer literacy

Fast forward to the current academic year, half of the CS department has pursued bringing back a placement test which would only be required if the student has not taken CS-120 and wants to enroll in one of the courses listed above. The cost of the test would be \$12 per student. It has not been decided if the students or the department will pay this fee. The test would be used to indicate that a student is knowledgeable of the basics of CS-120 and therefore able to enroll in the courses referenced above. My question to all of you is "should a type of placement exam exist in the same space as possibly asking the students to challenge the required pre-requisite?" So, in effect, this placement exam would be another type of challenge exam. In addition, one of our goals is to create an inclusive and equitable environment for our students. Does this create inequities? There has also been a lot of discussion around removing barriers for our students. Does this placement test create a barrier that will deter students? Should we also be utilizing the DEI lens to answer the question of implementing such a test?

We seek your opinions, questions, and suggestions around this. Again, I believe this needed to be brought before Curriculum Committee for thorough vetting prior to any type of implementation.

Please also note that CS-120 is a course that can be challenged.

Clackamas Community College

Online Course/Outline Submission System

Show changes since last approval in red Print Edit Delete Back							
Date approved: April 1, 2022 Certified General Education Area(s): None							
Section #1 General Course Information							
Department: Business & Computer Science: Computer Science							
Submitter							
First Name: Jen							
Last Name: Miller							
Phone: 3138 Email: jen.miller							
Email: jen.miller							
Course Prefix and Number: CS - 120							
# Credits: 4							
Contact hours							
Lecture (# of hours): 33							
Lec/lab (# of hours): 22							
Lab (# of hours):							
Total course hours: 55							
For each credit, the student will be expected to spend, on average, 3 hours per week in combination of in-class and out-of-class activity.							
Course Title: Survey of Computing							

A computer competency course to familiarize students with computer concepts, software applications and the implications of living in the digital age. Introduces students to computer concepts, including, but not limited to the Microsoft Windows environment, Microsoft Office Applications, hardware terminology, social media and the Internet.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No
Does this course map to any general education outcome(s)?
No
Is this course part of an AAS or related certificate of completion?
No
Are there prerequisites to this course?
Yes
Pre-reqs: WRD-098 or placement in WR-121
Have you consulted with the appropriate chair if the pre-req is in another program?
No
Are there corequisites to this course?
No
Are there any requirements or recommendations for students taken this course?
Yes
Recommendations:
Requirements: Flash drive
Are there similar courses existing in other programs or disciplines at CCC?
No
Will this class use library resources?
No
Is there any other potential impact on another department?
No
Does this course belong on the Related Instruction list?
No
GRADING METHOD:
A-F or Pass/No Pass
Audit: Yes
When do you plan to offer this course?
✓ Summer ✓ Fall ✓ Winter

√ Spring

Is this course equivalent to another?

If yes, they must have the same description and outcomes.

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

Upon successful completion of this course, students should be able to:

- 1. recall common computer hardware-related terms and concepts;
- 2. describe major events in the history of computing, including the origin of modern computing, the evolution of the modern internet, and the evolution of the Graphical User Interface;
- 3. create and modify documents, spreadsheets, databases and presentations using MS Office;
- 4. demonstrate the successful creation of a proper email, including how to digitally attach documents to an email prior to sending:
- 5. demonstrate successfully navigating the MS Windows environment;
- 6. describe and implement effective file management, including saving files on a computer, thumb drive, and in the cloud;
- 7. discuss the role of computers and utilizing computers within the current industrial and technological environment;
- 8. review the implications of social media on personal and professional endeavors;
- 9. demonstrate using the Internet as a research tool for scholarly projects as well as for personal uses (e.g. shopping, travel).

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1. Introduction.
- 2. Computing Fundamentals.
- a. Essential computer hardware.
- b. The role of the operating system.
- c. Networking concepts.
- 3. Using Productivity Software.
- a. Creating an email.
- b. Creating a new Word document.
- c. Formatting and organizing.
- d. Importing text.
- e. Collaboration.
- f. Managing money formulas and functions.
- g. Giving meaning to data using charts.
- h. Creating and enriching presentations.
- i. Creating a customized database.
- 4. Living in the Digital Age.
- a. Understanding the internet.
- b. Searching for information.
- c. Communicating online.

Does the content of this class relate to job skills in any of the following areas:

Increased energy efficiency
 Produce renewable energy
 Prevent environmental degradation
 Clean up natural environment
 Supports green services

Percent of course: 0%

Section #2 Course Transferability

Concern over students taking many courses that do not have a high transfer value has led to increasing attention to the transferability of LDC courses. The state currently requires us to certify that at least one OUS school will accept a new LDC course in transfer. Faculty should communicate with colleagues at one or more OUS schools to ascertain how the course will transfer by answering these questions.

- 1. Is there an equivalent lower division course at the University?
- 2. Will a department accept the course for its major or minor requirements?
- 3. Will the course be accepted as part of the University's distribution requirements?

If a course transfers as an elective only, it may still be accepted or approved as an LDC course, depending on the nature of the course, though it will likely not be eligible for Gen Ed status.

Next available term after approval						
First term to be offered:						
:						
How does it transfer? (Check all that apply)						
Identify comparable course(s) at OUS school(s)						
William 003 schools will the course transfer to: (Check all that apply)						
Which OUS schools will the course transfer to? (Check all that apply)						
hattire of the course, thought it will likely not be eligible for Gen Eu status.						