

7. Closing Comments a.		
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Present: ASG (Bethany A, Jialing Vongthongthip), Hillary Abbott, Dustin Bare, Nora Brodnicki, 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, Mike Mattson, Patricia McFarland, Tracy Nelson, David Plotkin, Lisa Reynolds, Charles Siegfried, Casey Sims, Tara Sprehe, Sarah Steidl, Dru Urbassik, Andrea Vergun, Jim Wentworth-Plato (Alternate Chair)

Guests: Debra Carino

Absent: George Burgess, Armetta Burney, Terrie Sanne, Helen Wand

1. Welcome & Introductions

2. Approval of Minutes

- a. Approval of the December 2, 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. Common Course Numbering (CCN) Courses

- i. COMM-100Z, COMM-111Z, COMM-218Z, MTH-105Z, MTH-111Z, MTH-112Z, STAT-243Z, WR-121Z, WR-122Z, WR-227Z
- ii. COMM-100Z is increasing by one credit. MTH-111Z and MTH-112Z are decreasing by one credit. MTH-243 becomes STAT-243Z
- iii. Course changes will go into effect for 2023-2024 (2023/SU)
- iv. Curriculum Office will facilitate the changes to the catalog and course requisites. Changes won't be reflected in Colleague until 23/SP registration is closed. Early April.
- v. COMM-100Z is gen ed certified at other community colleges. Will it need to be gen ed at CCC?
 1. The Transfer Council didn't discuss this. David Plotkin will bring this back to the Transfer Council.
- vi. Is the "Z" a designator behind-the-scenes, or will be visible to students?
 1. The Z will be present everywhere and should be used when referring to the courses.
- vii. Is there an expectation that the Major Topic Outline be updated to align with the new student learning outcomes?
 1. It's up to the departments to determine if they need to update the major topic outlines to align with the new descriptions and student learning outcomes.

Motion to approve, approved

b. CCN Programs with Credit Changes

Program Title	Current Credits	Proposed Credits
AS, Geology, PSU	91-95	90-93
AS, Horticulture, OSU	93-97	91-95
Digital Media Communications AAS	90	90-91
EFA, Science, Technology, Engineering & Mathematics (STEM)	13	12
EFA, Social Sciences, Human Services & Criminal Justice	13-14	13
Electronics Engineering Technology AAS	97-103	95-101
Electronics Engineering Technology CC	48	47
Entry Level Journalist CC	44	44-45
Horticulture AAS	95-101	96-101

Horticulture CC	51-54	52-54
Landscape Management AAS	95-98	96-98
Landscape Management AAS, Arboriculture Option	96-99	97-99
Music Performance & Technology AAS	94-96	95-97
Music Technology CC	51-54	52-54
Organic Farming CC	52-56	53-56
Part Time Welding CC	14	15
Video Production Technician CC	36	36-37
<i>Motion to approve, approved</i>		
c. CCN Programs without Credit Changes		
i. AA Degree, Oregon Transfer		
ii. AA Degree, Oregon Transfer Elementary Education		
iii. AA Degree, Transfer English Literature		
iv. AAS, Accounting		
v. AAS, Administrative Professional		
vi. AAS, Auto Body/Collision Repair and Refinishing Technology		
vii. AAS, Automotive Service Technology		
viii. AAS, Business		
ix. AAS, Computer & Network Administration		
x. AAS, Criminal Justice		
xi. AAS, Criminal Justice, Corrections Option		
xii. AAS, Early Childhood Education & Family Studies		
xiii. AAS, Emergency Management Professional		
xiv. AAS, Human Services Generalist		
xv. AAS, Nursing (RN)		
xvi. AAS, Project Management		
xvii. AAS, Renewable Energy Technology		
xviii. AAS, Water & Environmental Technology		
xix. AAS, Web Design & Development		
xx. AAS, Wildland Fire Management		
xxi. AS Degree, Transfer Biology		
xxii. AS Degree, Transfer Business		
xxiii. AS, Architectural Engineering, OSU		
xxiv. AS, Biological Engineering, OSU		
xxv. AS, Biology, OSU		
xxvi. AS, Biology, PSU		
xxvii. AS, Biology, UofO		
xxviii. AS, Chemical Engineering, OSU		
xxix. AS, Civil Engineering, OSU		
xxx. AS, Civil Engineering, PSU		
xxxi. AS, Computer Engineering, PSU		
xxxii. AS, Computer Science, PSU		
xxxiii. AS, Construction Engineering Management, OSU		
xxxiv. AS, Ecological Engineering, OSU		
xxxv. AS, Electrical Engineering, OIT		
xxxvi. AS, Electrical Engineering, OSU		
xxxvii. AS, Electrical Engineering, PSU		
xxxviii. AS, English, OSU		
xxxix. AS, English, PSU		
xl. AS, English, UofO		
xli. AS, Environmental Engineering, OSU		
xlii. AS, Environmental Engineering, PSU		
xliiii. AS, Industrial/Manufacturing Engineering, OSU		
xliv. AS, Mechanical Engineering, OIT		
xlv. AS, Mechanical Engineering, OSU		
xlvi. AS, Mechanical Engineering, PSU		
xlvii. AS, Music, PSU		
xlviii. AS, Oregon Transfer - Business		
xlix. AS, Oregon Transfer, Computer Science		
l. AS, Renewable Energy Engineering, OIT		

- li. Associate of General Studies
- lii. CC, Accounting Clerk
- liii. CC, Administrative Assistant
- liv. CC, Business Management
- lv. CC, Computer & Network Administration
- lvi. CC, Computer Application Specialist
- lvii. CC, Dental Assistant
- lviii. CC, Early Childhood Education & Family Studies
- lix. CC, Emergency Medical Technology
- lx. CC, Fitness Technology
- lxi. CC, Gerontology
- lxii. CC, Healthcare Careers
- lxiii. CC, Human Resource Management
- lxiv. CC, Human Services Generalist
- lxv. CC, Juvenile Corrections
- lxvi. CC, Management Fundamentals
- lxvii. CC, Marketing
- lxviii. CC, Medical Assistant
- lix. CC, Medical Billing and Coding
- lxx. CC, Project Management Leadership & Communication
- lxxi. CC, Renewable Energy Technology
- lxxii. CC, Water & Environmental Technology
- lxxiii. CC, Web Design
- lxxiv. CC, Wildland Fire Science
- lxxv. EFA, Business
- lxxvi. EFA, Creative Arts, Communication & Humanities
- lxxvii. EFA, Health Professions
- lxxviii. EFA, Teaching & Education
- lxxix. Oregon Transfer Module

Motion to approve, approved

5. Old Business

- a. Transition Team Update
 - i. Kerrie Hughes presented
 1. Members: Kerrie Hughes, Elizabeth Carney, Lisa Reynolds
 2. The team put out a request for Individuals who teach Gen Ed courses to come together to help with Common Course Numbering, Transfer Map, and Gen Ed changes.

6. New Business

- a. Computer Science Placement Exam
 - i. Tabled until next time due to shortened meeting.

7. Closing Comments

- a.

-Meeting Adjourned-

Next Meeting: February 3, 2023 (8-9:30am)

1. Course Title Change

Course	Current Title	Proposed Title
ECE-154	Language & Literacy Development	Language & Literacy Development in Young Children

2. Course Number Change

Course	Title	Proposed Course Number

3. Outlines Reviewed for Approval

Course	Title	Implementation
BA-125	Advanced Project Management Tools	2023/SP
BA-256	Income Tax Accounting	2023/SP
DMC-230	Documentary Film Production	2023/SP
ECE-154	Language & Literacy Development in Young Children	2023/SP
ECE-179	The Professional in Early Childhood Education and Family Studies	2023/SP
ECE-235	Safety, Health and Nutrition	2023/SP
HOR-131	Tree & Shrub Pruning	2023/SP
HOR-226	Plant Identification/Fall	2023/SP
HOR-227	Plant Identification/Winter	2023/SP
HOR-228	Plant Identification/Spring	2023/SP
HOR-261	Tree Diagnostics	2023/SP
MTH-060	Algebra II	2023/SP
MTH-065	Algebra II	2023/SP
MTH-095	Algebra III	2023/SP

Clackamas Community College
Online Course/Outline Submission System

Show changes since last approval in red

Section #1 General Course Information

Department: Business & Computer Science: Business

Submitter

First Name: **Beverly**
Last Name: **Forney**
Phone: **3115**
Email: **beverlyf**

Course Prefix and Number: BA - 125

Credits: 5

Contact hours

Lecture (# of hours): 55
Lec/lab (# of hours):
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: Advanced Project Management Tools

Course Description:

Tools and processes employed in the project knowledge areas of project communication, risk, procurement, and quality. Major topics include project communication planning and preferred communication channels and approaches; risk assessment and risk management in a project environment; project procurement planning and management with an emphasis on contract types and contract awards and administration; and approaches to project quality planning, quality assurance, control and improvement.

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?

Yes

Name of degree(s) and/or certificate(s): AAS Project Management, Project Management CC, Project Management Tools & Techniques CC

Are there prerequisites to this course?

Yes

Pre-reqs: Prerequisite or Corequisite: BA-120

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?

✓ Fall

✓ Winter

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. identify key components of effective communication, including appropriate channel choice, encoding and decoding, with an emphasis on active and effective listening;
2. list and define the various types of risk, including elements of business risk and insurance risk;
3. assess risk components in a scenario and discuss approaches to mitigate them;
4. demonstrate a comprehensive understanding of earned value principles;
5. name key issues in procurement scheduling (including elements of source selection);
6. define "quality" and "quality management plan" from a project management perspective;
7. identify the basic tools of quality (e.g. fishbone diagram, histogram, control chart, etc.) and their key elements;
8. analyze business mini-cases to demonstrate understanding of communication, risk, procurement, and quality management principles.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Stakeholdering and communication planning
2. Communication tools
3. Types of risk
4. Evaluating and planning for risk
5. Consequences of risk in project management
6. Earned value
7. Procurement planning and source selection
8. Corporate teaming, contracts, and legal issues
9. Project quality planning, quality control and quality improvement
10. Tools for managing project quality

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)

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

How does it transfer? (Check all that apply)

:

First term to be offered:

Specify term: Fall 2019

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Business & Computer Science: Business

Submitter

First Name: Joan
Last Name: San-Claire
Phone: 3013
Email: joan.san-claire

Course Prefix and Number: BA - 256

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: Income Tax Accounting

Course Description:

Detailed review of the federal tax structure, as it relates to the preparation of individual tax returns, including those with business and investment activities. This course briefly overviews corporate tax returns.

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?

Yes

Name of degree(s) and/or certificate(s): Business AAS & Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: BA-211 or financial accounting experience

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?

✓ **Winter**

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. Prepare basic federal income tax returns for individuals, including sole proprietors;
2. Distinguish the different types of taxes, as well as the differences between tax deductions and tax exemptions;
3. Critically evaluate effective tax planning actions that can minimize individual liability.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. overview of the tax structure to include: tax determination, payments, reporting gross income, itemized deduction, self-employment, and depreciation/amortization.
2. rental activities
3. reporting Property: capital gains/losses, non-taxable changes
4. withholding, payroll, and estimated taxes
5. business entities

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)

- PSU (Portland State University)**
- OIT (Oregon Institute of Technology)**
- OSU (Oregon State University)**

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

BA 256 Income Tax (PCC)

How does it transfer? (Check all that apply)

general elective
:

First term to be offered:

Specify term: **Winter 2023**

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Art

Submitter

First Name: Nora

Last Name: Brodnicki

Phone: 3036

Email: norab

Course Prefix and Number: DMC - 230

Credits: 4

Contact hours

Lecture (# of hours): 33

Lec/lab (# of hours):

Lab (# of hours): 33

Total course hours: 66

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: Documentary Film Production

Course Description:

Introduction to the concepts, fundamentals and production of documentary film making. This lecture and lab course will explore traditions and new technological approaches to creating digital documentary films.

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?

Yes

Name of degree(s) and/or certificate(s): DMC

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: DMC-104 and ENG-194. Previous experience with film studies and digital video

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?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Not every year**

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. identify different types of documentary films;
2. describe the history and process of documentary film making;
3. plan, shoot, produce, direct and edit short documentary films;
4. identify the ethics and frameworks in documentary filmmaking.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Introduction to different types of documentary films.
2. Documentary Film history.
3. Digital and technological approaches to documentary films.
4. Documentary film production.

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)

PSU (Portland State University)

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

FILM 258: Documentary Film Production I

How does it transfer? (Check all that apply)

required or support for major

:

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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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 - 154

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: Language & Literacy Development in Young Children

Course Description:

Focuses on language and literacy development of children from birth-age 8. The research foundation and components of language and literacy development will be examined. Criteria for selecting quality children's literature will be explored. Practical strategies for promoting optimal development will be emphasized. Students will explore how to set create language and literacy-rich environments and experiences.

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)?

No

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 Only

Audit: Yes

When do you plan to offer this course?

✓ Winter

Is this course equivalent to another?

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

Yes

Course Number: ECE-154ES Title: Desarrollo del Lenguaje y la Alfabetización

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. identify the theories of language and literacy development,
2. summarize the components of literacy development,
3. develop curriculum and environments that promote emerging literacy,
4. plan and implement an emerging literacy program,
5. promote parent involvement in literacy programs for young children,
6. select quality children's literature, based on guiding principles to eliminate racism, sexism and ableism;
7. promote phonological awareness in young children,
8. demonstrate an understanding of promoting language and literacy development for children with special needs,
9. explain the stages of second language acquisition for children who are dual language learners.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Language and literacy theory and research overview
2. Language/literacy development for infants (up to 1 year)
3. Language/literacy development for toddlers (1- 2 ½ years)
4. Language/literacy development for preschoolers (3-5 years)
5. Selecting and reading quality children's literature
6. Reading and writing development for K-3rd grade
7. Planning language and literacy experiences for all children
8. Selecting materials and creating environments for optimal language and literacy development
9. Working with children who dual language learners
10. Language and literacy development for children with special needs
11. Assessing children's language and literacy development.

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%

First term to be offered:

Specify term: Winter 2022

Clackamas Community College
Online Course/Outline Submission System

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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 - 179

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: The Professional in Early Childhood Education and Family Studies

Course Description:

This course focuses on the role of the professional in Early Childhood Education (ECE). Students will explore the National Association for the Education of Young Children's Code of Ethical Conduct, the professional standards and competencies expected for ECE professionals. Students will discuss advocacy strategies and how to engage in intentional, reflective practice. Students will also create a professional portfolio to demonstrate their commitment to professionalism.

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): 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?

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 Only

Audit: Yes

When do you plan to offer this course?

✓ Fall

Is this course equivalent to another?

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

Yes

Course Number: ECE-179ES Title: El Profesional en Educación Infantil

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. summarize and explain the National Association for the Education of Young Children’s code of conduct and professional ethics,
2. identify and involve themselves with the early childhood field and serve as informed advocates for young children, families, and the profession;
3. use professional communication skills, including technology-mediated strategies, to effectively support young children’s learning and development and to work with families and colleagues;
4. engage in continuous, collaborative learning to inform practice,
5. develop and sustain the habit of reflective and intentional practice in their daily work with young children and as members of the early childhood profession, and
6. demonstrate their commitment to professionalism through the creation of a professional portfolio.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Benefits of obtaining professional credentials
2. Professional ethics in Early Childhood Education and Family Studies
3. NAEYC professional standards and competencies
4. Oregon’s early childhood and professional guidelines
5. Professional communication skills, including technology-mediated strategies, to effectively support young children’s learning and development and to work with families and colleagues
6. Creating an autobiography and ethical commitment statement
7. Overview of The Registry in Oregon
8. Developing and assembling a professional portfolio
9. Intentional and reflective practice
10. Articulating different advocacy strategies that are appropriate for ECE professionals

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%

First term to be offered:

Specify term: Spring 2022

Clackamas Community College
Online Course/Outline Submission System

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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 - 235

Credits: 3

Contact hours

Lecture (# of hours): 33
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 33

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: Safety, Health and Nutrition

Course Description:

Explores safety, health and nutrition issues for children ages infant through preschool. Focus includes creating safe indoor and outdoor environments, healthy lifestyle practices, caring for children with special healthcare needs, USDA food program requirements, and state guidelines around safety, health and nutrition requirements.

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): 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?

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?

✓ Fall

Is this course equivalent to another?

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

Yes

Course Number: ECE-235ES Title: Nutrición, Música y Movimiento

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 why health and well-being in early childhood is important,
2. identify common risks that lead to injury in children,
3. connect classroom design to safety and injury prevention,
4. identify standard precautions to prevent illness,
5. describe some chronic health conditions that children in early care and education programs may have,
6. plan menus for young children that meet USDA guidelines,
7. discuss physical activity recommendations for young children, and
8. create lesson plans to support nutrition experience and physical activity.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Children's well-being and early childhood education
2. Preventing injury and protecting children's safety
3. Creating safe indoor and outdoor environments
4. Caring for minor injuries and preparing for emergencies
5. Child Maltreatment
6. Preparing for health and wellness
7. Prevention of illness
8. Caring for children with special health care needs
9. Physical wellness and movement
10. Nutrition and menu planning

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%

First term to be offered:

Specify term: Fall 2024



Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: April
Last Name: Chastain
Phone: 3055
Email: april.chastain

Course Prefix and Number: HOR - 131

Credits: 3

Contact hours

Lecture (# of hours): 22
Lec/lab (# of hours): 22
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: Tree & Shrub Pruning

Course Description:

Emphasis on dormant pruning of fruiting and ornamental plants. Pruning and training techniques for grapes, fruit trees, and both evergreen and deciduous ornamental trees and shrubs. Basic woody plant anatomy, growth and development.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture AAS & Certificate, Landscape AAS & Certificate, Arboriculture 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?

✓ **Winter**

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. predict and explain plant responses to wounding from appropriate and inappropriate pruning practices;
2. demonstrate an understanding of acceptable pruning practices to maintain plant functionality in the landscape;
3. explain and demonstrate proper tool use and care;
4. develop a pruning plan based on growth patterns of woody plants and plant function in the landscape.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Pruning and Training Objectives and Methods.
 - a. Pruning tool selection and use - hand and power tools.
 - b. Woody plant anatomy, growth, and development.
 - c. Evaluating plant growth and predicting growth responses to pruning.
 - d. Basic practices heading back, thinning out.
 - d1. Using spreaders and other mechanical training aids.
 - d2. Large limb removal.
2. Specific Pruning Objectives and Practices.
 - a. Tree training, corrective pruning and pruning practices.
 - b. Plants grown for foliage only, deciduous, evergreen, determinate, and indeterminate.
 - c. The major groups of woody fruit plants.
 - c1. Apple/pear.
 - c2. Peach/plum.
 - c3. Other fruit bearing plants.

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%

First term to be offered:

Next available term after approval

:



Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: April
Last Name: Chastain
Phone: 3055
Email: april.chastain

Course Prefix and Number: HOR - 226

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: Plant Identification/Fall

Course Description:

Identification of deciduous trees, shrubs, and groundcovers, including their cultural requirements in the landscape. Oregon State University transfer course.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture AAS & Certificate, Landscape AAS & Certificate

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?

✓ Fall

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. use leaf, bud, twig, and fruit morphological features to accurately identify plants introduced in this class to the species level;
2. spell the genus, species, and common names of these plants;
3. demonstrate an ability to use dichotomous keys and other resources to identify and analyze plants of interest;
4. describe critical environmental and cultural requirements for plants in this class.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Fundamentals of fall plant identification.
2. Identification and cultural requirements of specific fall plants.

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 | Yes |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 10%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: April
Last Name: Chastain
Phone: 3055
Email: april.chastain

Course Prefix and Number: HOR - 227

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: Plant Identification/Winter

Course Description:

Identification of conifers and broadleaf evergreens, shrubs, and groundcovers, including their cultural requirements in the landscape.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture AAS & Certificate, Landscape AAS, Arboriculture 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?

✓ Winter

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. use leaf, bud, twig, and fruit morphological features to accurately identify plants introduced in this class to the species level;
2. spell the genus, species, and common names of these plants;
3. demonstrate an ability to use dichotomous keys and other resources to identify and analyze plants of interest;
4. describe critical environmental and cultural requirements for plants in this class.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Fundamentals of winter plant identification.
2. Identification and cultural requirements of specific winter plants.

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 | Yes |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 10%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: April
Last Name: Chastain
Phone: 3055
Email: april.chastain

Course Prefix and Number: HOR - 228

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: Plant Identification/Spring

Course Description:

Identification of flowering trees, shrubs, and groundcovers, including their cultural requirements in the landscape. Oregon State University transfer course.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture AAS & Certificate, Landscape AAS & Certificate

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.

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. use leaf, bud, twig, and fruit morphological features to accurately identify plants introduced in this class to the species level;
2. spell the genus, species, and common names of these plants;
3. demonstrate an ability to use dichotomous keys and other resources to identify and analyze plants of interest;
4. describe critical environmental and cultural requirements for plants in this class.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Fundamentals of spring plant identification.
2. Identification and cultural requirements of specific spring plants.

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 | Yes |
| 4. Clean up natural environment | No |
| 5. Supports green services | No |

Percent of course: 10%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Horticulture

Submitter

First Name: April

Last Name: Chastain

Phone: 3055

Email: april.chastain

Course Prefix and Number: HOR - 261

Credits: 2

Contact hours

Lecture (# of hours):

Lec/lab (# of hours): 44

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: Tree Diagnostics

Course Description:

Theory and practice in diagnosing specific biotic and abiotic causes of poor tree health. Includes identification of symptoms, use of monitoring tools and effective customer communications.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Arboriculture AAS, Landscape Management AAS

Are there prerequisites to this course?

Yes

Pre-reqs: HOR-120, HOR-216, HOR-225. HOR-236 or HOR-237

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?

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.

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. define the difference between an abiotic-caused plant disorder and a biotic-caused plant disorder;
2. identify environmental factors that affect biotic and abiotic-caused tree disorders;
3. identify by sight common disorders of trees;
4. use monitoring tools to assist in tree problem diagnosis;
5. list appropriate steps to improve tree health when compromised by specific abiotic or biotic-induced disorders;
6. communicate in writing and orally the cause of ill health for selected trees.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Abiotic vs. Biotic Disorders
 - a. Compare definitions used for defining abiotic-caused plant disorders from various resources;
 - b. List key differences and distinctions between an abiotic-caused plant disorder and a biotic-caused plant disorder.
 - c. List how abiotic factors may influence biotic factors.
2. Plant Symptoms Resulting from Abiotic Factors
 - a. Temperature: heat, cold
 - b. Soil problems: water, aeration, nutrient excess or deficiency;
 - c. Sunburn and sunscald
 - d. Light intensity
 - e. Wind injury
 - f. Hail/ice
 - g. Lightning
 - h. Human induced: girdling roots, pesticide damage, graft incompatibility, mechanical injury, inappropriate planting technique, gas injury, air pollution, root removal, soil compaction
3. Biotic Signs & Symptoms of Disorders
 - a. Biotic – fungus, bacteria, virus, insect, mammal, mite, rodent, deer
 - b. Diagnostic process used to determine cause of decline
4. Customer Communication
 - a. Design communication techniques to use for explaining specific abiotic and biotic disorders to clients
 - b. Review written forms used by various private and public entities
 - c. Practice delivering information regarding tree problems in both writing and orally for selected trees and other landscape plants, according to standards used in industry Plant Health Care forms, and public sector tree evaluation documents
5. Monitoring Tools to Aid in Diagnosis
 - a. beating trays, pheromone traps, weather stations, soil probes, degree-days, dissecting scope, hand lens
 - b. onsite inspection, soil samples, drones, area wide weather stations, internet resources
 - c. software programs

6. Identifying Steps to Improve Tree Health

- a. Create a working list of how to protect plants from abiotic plant disorders
- b. Prepare a working list of how to treat plants suffering from abiotic disorders
- c. 50 most common trees grown in landscapes locally and 3-5 common biotic disorders for each
- d. 10 most common abiotic disorders of trees grown in local landscapes

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 | Yes |
| 4. Clean up natural environment | Yes |
| 5. Supports green services | Yes |

Percent of course: 30%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Adam
Last Name: Hall
Phone: 3326
Email: adamh

Course Prefix and Number: MTH - 060

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: Algebra I

Course Description:

Designed for review or for the beginner, this course is an introduction to topics in Algebra. Expressions, equations, inequalities, graphing, and functions are explored.

Type of Course: Developmental Education

Can this course be repeated for credit in a degree?

No

Are there prerequisites to this course?

Yes

Pre-reqs: MTH-020 with a C or better, or placement in MTH-060

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

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

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. perform basic arithmetic (review) for an application or situation and interpret the results;
 2. simplify basic algebraic expressions for an application or situation and interpret the results;
 3. solve linear equations and inequalities for an application or situation and interpret the results;
 4. graph linear equations in two variables for an application or situation and interpret the results;
 5. apply the concepts of slope, intercepts, linear forms, vertical and horizontal lines, parallel and perpendicular lines for an application or situation and interpret the results.
-

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 1.1 Arithmetic with Negative Numbers
- 1.2 Fraction and Fraction Arithmetic
- 1.4 Absolute Value and Scientific Notation
- 1.5 Order of Operation
- 1.6 Set Notation and Types of Numbers
- 1.7 Comparison Symbols and Notation for Intervals
- 2.1 Variables and Evaluating Expressions
- 2.2 Geometry Formulas
- 2.3 Combining Like Terms
- 2.4 Equations and Inequalities as T/F Statements
- 2.5 Solving One Step Equations
- 2.6 Solving One Step Inequalities
- 2.7 Percentages
- 2.8 Modeling with Equations and Inequalities
- 2.9 Simplifying Expressions
- 3.1 Solving Multi-step Linear Equations
- 3.2 Solving Multi-step Linear Inequalities
- 3.3 Linear equations and Inequalities with Fractions
- 3.4 Isolating a Linear Variable
- 3.6 Ratios and Proportions
- 4.1 Cartesian Coordinates
- 4.2 Graphing Equations
- 4.3 Exploring Two Variable Data and Rate of Change
- 4.4 Slope of a Line
- 4.5 Slope-Intercept Form of a Line
- 4.6 Point-Slope Form of a Line
- 4.7 Standard Form
- 4.8 Horizontal, Vertical, Parallel and Perpendicular Lines
- 4.9 Summary of Graphing Lines

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%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Adam
Last Name: Hall
Phone: 3326
Email: adamh

Course Prefix and Number: MTH - 065

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: Algebra II

Course Description:

The second term of topics in algebra using the rule-of-four approach: graphs, tables, words, and equations. This course emphasizes algebraic skills, as well as problem solving and graphical techniques with the use of a graphing utility.

Type of Course: Developmental Education

Can this course be repeated for credit in a degree?

No

Are there prerequisites to this course?

Yes

Pre-reqs: MTH-060 with a C or better, or placement in MTH-065

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

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:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

Summer

Fall

Winter

Spring

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. solve a linear system graphically or algebraically for an application or situation and interpret the results;
2. perform exponential and polynomial arithmetic for an application or situation and interpret the results;
3. perform factoring techniques and use them to solve polynomial equations for an application or situation, and interpret the results;

4. perform rational expression arithmetic for an application or situation and interpret the results;
5. apply function notation and use it interchangeably with y-notation for an application or situation and interpret the results.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 5.1 Solving Systems of Equations by Graphing
- 5.2 Solving Systems of Equations using Substitution
- 5.3 Solving Systems of Equations by Elimination
- 5.4 Applications of Systems of Linear Equations
- 6.1 Intro to Exponent Rules
- 6.2 Exponent Rules
- 6.3 Scientific Notation
- 6.4 Add/Sub Polynomials
- 6.5 Multiplying Polynomials
- 6.6 Special Cases of Mult Polynomials
- 6.7 Dividing Polynomials by a Monomial
- 7.1 Great Common Factor
- 7.2 Factor by Grouping
- 7.3 Factor Trinomials when a=1
- 7.4 Factor Trinomials ac-method
- 7.5 Factoring Special Polynomials
- 7.6 Factoring Strategies
- 7.7 Solving Quad Equations by Factoring with Applications
- 8.1 Intro to Functions
- 8.2 Rational Functions
- 8.3 Mult/Div Rational Expressions
- 8.4 Add/Sub Rational Expressions

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%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Mathematics

Submitter

First Name: Adam

Last Name: Hall

Phone: 3326

Email: adamh

Course Prefix and Number: MTH - 095

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: Algebra III

Course Description:

The third term of topics in algebra using the rule-of-four approach is designed to prepare students for transfer-level math courses. This course emphasizes problem-solving and graphical techniques with the use of a graphing utility.

Type of Course: Developmental Education

Can this course be repeated for credit in a degree?

No

Are there prerequisites to this course?

Yes

Pre-reqs: MTH-065 with a C or better, or placement in MTH-095

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

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:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

Summer

Fall

Winter

Spring

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. solve and graph quadratic equations, including complex solutions, for an application or situation and interpret the results;
2. apply function notation as well as domain and range for an application or situation and interpret the results;
3. solve absolute value equations and inequalities, as well as compound inequalities, for an application or situation and interpret the results;

4. simplify radical expressions and solve radical equations, to include converting between radical notation and rational exponent notation for an application or situation and interpret the results;
5. demonstrate the ability to work with introductory exponential and logarithmic functions for an application or situation and interpret the results.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- 8.1 Introduction to Functions
- 8.2 Rational Functions
- 9.1 Square Root Properties
- 9.2 Solving Quad Eq by Using Square Root Method
- 9.3 The Quadratic Formula
- 9.5 Strategies for Solving Quadratic Equations
- 9.6 Properties of Quadratic Functions
- 9.7 Graphing Quadratic Functions
- 10.1 Function Basics
- 10.2 Domain and Range
- 10.3 Simplifying Expressions with Function Notation
- 11.1 Graphs and Vertex Form
- 11.2 Completing the Square
- 11.3 More on Complex Solutions to Quadratic Equations
- 12.1 Introduction to Absolute Value Functions
- 12.2 Compound Inequalities
- 12.3 Absolute Value Equations and Inequalities
- 13.1 Introduction to Radical Functions
- 13.2 Radical Expressions and Rational Exponents
- 13.3 Radical Expression Operations
- 14.1 Exponential Functions
- 14.2 Logarithmic Functions

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%

First term to be offered:

Next available term after approval

:

Course Number	Title	General Education Area
ENG-243	African Mythology	Arts and Letters, Cultural Literacy

Clackamas Community College
Online Course/Outline Submission System

Date approved: May 6, 2022 Certified General Education Area(s): Arts and Letters, Cultural Literacy

Section #1 General Course Information

Department: English

Submitter

First Name: James
Last Name: Bryant-Trerise
Phone: 5035943255
Email: jamesb

Course Prefix and Number: ENG - 243

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: African Mythology

Course Description:

Explores African mythology and its cultural, social, and literary significance; views African mythology in its historical and geographic positions and in the larger context of global literary traditions; introduces theoretical approaches to mythology and basic literary elements and terminology; considers how studying myth affects and influences reading other works; connects African myth to African-American culture and literature.

Type of Course: Lower Division Collegiate

Reason for the new course:

A major reason for this course is to continue to diversify our curriculum. The mythology courses have become a tradition in the English Department, having been started over 30 years ago by Jan Anderson and Allen Widerburg, but for a while the offerings were mostly focused on European mythologies. Over time we have gradually expanded globally, and this proposed course continues that effort. This course in particular is needed because knowledge of anything African is, in general, woefully inadequate despite the continent's being the 2nd-largest on Earth and containing 16% of its population. If myth and legend are part of what goes into understanding people and art, then to neglect African myth and legend is to sideline African peoples and their art, expression, and intelligence.

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-121

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?

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?

✓ **Not every year**

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. demonstrate a perception of African mythology as a phenomenon of literary, cultural, aesthetic, political, and religious importance via their writing, discussion, and exams; (AL1) (AL2) (CL1)
 2. explain the geographic and literary origins of African mythology in writing and discussions; (AL1) (AL2) (CL1)
 3. identify and analyze, using writing and discussion, similarities and differences among African myths themselves and works of literature in other genres, as well as other works of art, forms of communication, and personal experience; (AL1) (AL2) (CL1)
 4. habituate themselves to the practice of active learning and collegial collaboration as the path to intellectual discovery, using skills such as close reading, note taking, research, discussion, presentation, questioning, and listening; (AL2)
 5. articulate in writing and discussion how knowledge of African mythology reflects and enables awareness of the diversity of human expression, meaning-making, and power structures; (CL1)
 6. construct and defend interpretations of African mythology based on class discussion and independent literary research; (AL1)
 7. write a well-organized and carefully edited paper using terms, definitions, and myth theory appropriately to analyze and/or compare elements of one or more myths. (AL1)
-

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

- P** 1. Read actively, think critically, and write purposefully and capably for academic and, in some cases, professional audiences.
- P** 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.
- 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

- S** 1. Interpret and engage in the Arts & Letters, making use of the creative process to enrich the quality of life.
- S** 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.

- S 1. Identify and analyze complex practices, values, and beliefs and the culturally and historically defined meanings of difference.

Outcomes Assessment Strategies:

- ✓ Presentations
 - ✓ Thesis/Research Project
 - ✓ Criteria
 - ✓ Rubrics
 - ✓ Journal Writing
- ✓ Projects
 - ✓ Writing Assignments

:

Major Topic Outline:

1. The origins and development of African myth and legend.
2. Cultural background, especially myth as performance.
3. The diversity of African pantheons.
4. African epics.
5. African mythological themes.
6. Modern versions of African myth and legend.
7. Myth theory.

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)
- ✓ SOU (Southern Oregon University)

- ✓ OSU (Oregon State University)
- ✓ OSU-Cascade
- ✓ UO (University of Oregon)
- ✓ WOU (Western Oregon University)

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

None located; OUS schools have traditional myth courses (e.g., Greek) but lack this specific focus. However, PSU and UO both have African Studies programs.

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.

OSU's web site (at <https://admissions.oregonstate.edu/baccalaureate-core-course-equivalencies-clackamas-community-college>) shows our mythology courses transferring as Lower Division Transfer; there is no reason to think this new course would be any different. More importantly, with the advent of the AAT in English Literature, which satisfies the MTM for English, all 200-level ENG classes designated as meeting the statewide criteria for Arts and Letters will meet Core Transfer Map and major-specific requirements for the major.

First term to be offered:

Specify term: 2023 Sp

February 3, 2023

Course Number	Title	Implementation
MTT-121A	CNC I: Set-Up and Operation	2023/SP
MTT-121B	CNC I: Set-Up and Operation	2023/SP

Clackamas Community College
Online Course/Outline Submission System

Section #1 General Course Information

Department: IDTD

Submitter

First Name: Mike
Last Name: Mattson
Phone: 3322
Email: mattsonm

Course Prefix and Number: MTT - 121A

Credits: 2

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 44
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: CNC I: Set-Up and Operation

Course Description:

This course is part A of the CNC programming and operation sequence. Students will learn basic skills including how to properly set-up and operate both CNC milling and turning centers. Students will also learn G & M codes related to basic machine set-up and operation. Designed for persons with little or no previous CNC experience.

Type of Course: Career Technical Preparatory

Reason for the new course:

HS Connections

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?

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: Yes

When do you plan to offer this course?

✓ Not every term

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?

No

Will this course appear in the schedule?

No

Student Learning Outcomes:

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

1. explain the various systems that control both CNC milling and turning centers;
2. establish work offsets on CNC machines;
3. establish both initial tool offsets as well as make adjustments for tool wear and deflection;
4. perform 1st runs on CNC programs for the purpose of proving them out;
5. interpret and apply G & M codes that relate to basic machine set-up and operation;
6. transfer programs to and from CNC machine tools;
7. install and use basic work-holding hardware;
8. assemble and install tooling into CNC machines;
9. work safely around automated manufacturing equipment.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Computer Numerical Control (CNC) systems and nomenclature.
2. Cartesian coordinate system.
3. Machine start-up and shut-down procedures.
4. Set-up CNC vertical milling machine work and tool offsets.
5. Set-up CNC horizontal turning machine zero and tool offsets.
6. Work and tool offset adjustments.
7. CNC machine tooling and work holding basics.
8. G & M code basics.

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%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

Section #1 General Course Information

Department: IDTD

Submitter

First Name: Mike
Last Name: Mattson
Phone: 3322
Email: mattsonm

Course Prefix and Number: MTT - 121B

Credits: 2

Contact hours

Lecture (# of hours):
Lec/lab (# of hours): 44
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: CNC I: Set-Up and Operation

Course Description:

This course is part B of the CNC programming and operation sequence. Students will learn basic skills including how to properly set-up and operate both CNC milling and turning centers. Students will also learn G & M codes related to basic machine set-up and operation. Designed for persons with little or no previous CNC experience.

Type of Course: Career Technical Preparatory

Reason for the new course:

High School Connections

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?

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: Yes

When do you plan to offer this course?

✓ Not every term

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?

No

Will this course appear in the schedule?

No

Student Learning Outcomes:

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

1. explain the various systems that control both CNC milling and turning centers;
2. establish work offsets on CNC machines;
3. establish both initial tool offsets as well as make adjustments for tool wear and deflection;
4. perform 1st runs on CNC programs for the purpose of proving them out;
5. interpret and apply G & M codes that relate to basic machine set-up and operation;
6. transfer programs to and from CNC machine tools;
7. install and use basic work-holding hardware;
8. assemble and install tooling into CNC machines;
9. work safely around automated manufacturing equipment.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Computer Numerical Control (CNC) systems and nomenclature.
2. Cartesian coordinate system.
3. Machine start-up and shut-down procedures.
4. Set-up CNC vertical milling machine work and tool offsets.
5. Set-up CNC horizontal turning machine zero and tool offsets.
6. Work and tool offset adjustments.
7. CNC machine tooling and work holding basics.
8. G & M code basics.

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%

First term to be offered:

Next available term after approval

:

February 3, 2023

Course	Current Hours/Credits	Proposed Hours/Credits
BT-271	44 LE/LA, 66 LAB/4 Credits	44 LECT/4 Credits
HOR-130	33 LECT/3 Credits	22 LECT/22LE/LA/3 Credits

Clackamas Community College
Online Course/Outline Submission System

Show changes since last approval in red

Section #1 General Course Information

Department: Business & Computer Science: Business

Submitter

First Name: Beverly
Last Name: Forney
Phone: 3115
Email: beverlyf

Course Prefix and Number: BT - 271

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: Advanced Business Projects

Course Description:

This is a capstone course for the Administrative Professional AAS degree program. Students will utilize processes, tools, and techniques as used by an administrative professional managing a project or event. Students will practice oral and written communication as used in an office or business setting. In addition students will analyze information, problem solve, make decisions, establish priorities, and use time management skills in this capstone course that combines the knowledge and skills acquired in foundation administrative professional courses such as word processing, creating spreadsheets, creating databases, creating presentations; as well as document formatting, proofreading, and editing.

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): Admin Professional AAS

Are there prerequisites to this course?

Yes

Pre-reqs: BA-131, BT-120, BT-125, BT-160, BT-262, and CS-135S

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?

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.

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. function professionally and effectively as an individual and as a team member in a variety of situations and types of offices;
2. perform a range of office procedures and generate documents such as letters, reports, forms, memos, and spreadsheets using a variety of industry-standard software and equipment;
3. utilize the integrated applications of MS Office in the creation of various projects;
4. communicate in oral and written format in a diverse office environment;
5. analyze and interpret information to make decisions that accomplish the goals of a project or planning of an event;
6. collaborate with colleagues to recognize problems, develop potential solutions, and evaluate the effectiveness of the results;
7. identify the successful qualities of an administrative professional and demonstrate awareness of the advancement opportunities of an administrative professional within this career field.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Teamwork/collaboration.
 - a. Mentor and assist other team members.
 - b. Demonstrate emotional intelligence.
 - c. Assess and strengthen personal behavior to improve team performance.
 - d. Use influence and persuasion effectively.
 - e. Use discretion and diplomacy.
2. Office & technical skills.
 - a. Demonstrate accountability by meeting deadlines.
 - b. Use efficient procedures and processes to coordinate workflow and accomplish tasks.
 - c. Demonstrate project management skills by establishing project goals, setting appropriate timelines, establishing methods for feedback, and evaluating outcomes.
 - d. Exhibit accuracy and attention to detail in all tasks.
 - e. Plan and participate in meetings.
 - f. Choose and implement document formats appropriate to the project.
 - g. Select appropriate methods or tools to complete projects (software, communication channel).
 - h. Prepare a variety of documents integrating multiple software applications and technology.
3. Communication & information management.
 - a. Be resourceful in obtaining, organizing, analyzing, evaluating, and managing information.
 - b. Utilize effective reading, writing, and listening skills.

- c. Compose written and electronic messages using business standards.
- d. Use calendaring and scheduling tools to arrange meetings.
- e. Complete recordkeeping tasks that are accurate and orderly.
- 4. Analysis, problem solving, productivity.
 - a. Use critical thinking skills to make effective decisions and solve business problems.
 - b. Analyze information and use good judgment when obtaining and using information.
 - c. Recognize problems, develop solutions, and evaluate effectiveness of results.
 - d. Manage productivity.
- 5. Professionalism.
 - a. Model good work ethics and professionalism including regular and punctual attendance.
 - b. Practice ethical principles and confidentiality.
 - c. Demonstrate appearance and mannerisms appropriate for an office environment.
 - d. Display a positive attitude and willingness to adapt to changes and difficult situations.
 - e. Understand and adapt to the needs and work styles of others.
 - f. Understand importance of professional career plans, lifelong learning, and professional organizations.

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%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

Show changes since last approval in red

Section #1 General Course Information

Department: Horticulture

Submitter

First Name: **April**
Last Name: **Chastain**
Phone: **3055**
Email: **april.chastain**

Course Prefix and Number: HOR - 130

Credits: 3

Contact hours

Lecture (# of hours): **22**
Lec/lab (# of hours): **22**
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: Plant Propagation Techniques

Course Description:

Covers plant anatomy and reproduction techniques of plants from seed, cuttings, grafting, division, and micro-propagation (tissue culture). Offers an in-depth overview of plant propagation practices.

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)?

No

Is this course part of an AAS or related certificate of completion?

Yes

Name of degree(s) and/or certificate(s): Horticulture 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?

✓ Fall

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. list propagation materials and equipment including; media, containers, and irrigation systems;
2. identify sexual propagation practices including basic genetics and breeding concepts, seed production, treatments and horticultural seeding practices;
3. identify vegetative propagation practices including cuttings, layering, division, grafting and micropagation;
4. compare practices between propagation and potting as well as construct propagation records;
5. demonstrate the successful technique for propagating cuttings;
6. make sound decisions concerning approaches to propagation, based on knowledge, research and experimentation.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Aspects of Plant Propagation.
 - a. Plant physiological processes.
 - b. Plant anatomy.
 - c. Plant fertility.
 - d. Diseases and insect control.
2. Propagation Materials and Equipment.
 - a. Creating the propagation environment.
 - b. Evaluation of propagation media.
 - c. Containers, irrigation practices.
 - d. Sanitation.
 - e. Equipment.
 - f. Diseases and insect control.
3. Sexual Propagation Practices.
 - a. Basic genetics and breeding concepts.
 - b. Seed production and collection.
 - c. Seed dormancy treatments.
 - d. Germination environments.
 - e. Seedling nursery practices.
4. Asexual Propagation Practices.
 - a. Cutting propagation.
 - b. Layering.
 - c. Budding and grafting practices.
 - d. Tissue culture.
5. Practices Between Propagation and Potting.
6. Propagation Records.

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%

First term to be offered:

Next available term after approval

:

February 3, 2023

Program	Implementation
Irrigation Technician CPCC	2023/SU
Organic Farming CC	2023/SU
Part Time Welding CC	2023/SU



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 Community College	Date	1/9/20
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CAREER LEARNING AREA

<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION

<u>APPROVED</u> Program Title <small>(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)</small>	<u>APPROVED</u> CIP Code <small>(Include 7th & 8th digits used for OCCURS reporting.)</small>			<u>APPROVED</u> Recognition Award	<u>Curren</u> <u>t</u> Credits
	<u>6-digit CIP</u>	<u>7th digit</u>	<u>8th digit</u>		
AAS Title: Horticulture AAS				<input type="checkbox"/> Associate of Applied Science (AAS) Degree	
Option Title**				<input type="checkbox"/> OPTION to AAS Degree	
Certificate Title: <i>Within</i> AAS Degree? <input checked="" type="checkbox"/> Yes** <input type="checkbox"/> No Irrigation Technician CC.IRRTECHNICIAN	1.0601			<input checked="" type="checkbox"/> Career Pathway (12-44)	19

**Enter name of base degree in 'AAS Title' box

Last amendment approved on 1/24/20

TYPE OF PROGRAM AMENDMENT

(Check ALL That Apply)


<input type="checkbox"/> New Program++	Curriculum Revision	Revision in Program Credits	
<input type="checkbox"/> Title Change for Program		Proposed Total Credits:	16
<i>Proposed AAS Title:</i>			
<i>Proposed OPTION Title:</i>			
<i>Proposed Certificate Title:</i>			
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>		
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.]

<i>CURRENT CURRICULUM 22-23</i>				<i>PROPOSED CURRICULUM 23-24</i>			
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Winter Term							
HOR-231	Irrigation Design	44	3				
WET-109	Backflow Assembly Operation and Testing	66	4				
Spring Term							
HOR-140	Soils	33	3				
HOR-240	Irrigation Practices	44	3				
HOR-281 Or HOR-280 And HOR-282	Horticulture/CWE or Horticulture/CWE And Horticulture/CWE	180	6	HOR-280 or HOR-282	Horticulture/CWE or Horticulture/CWE	90	3
TOTAL CURRENT CREDITS:			19	TOTAL PROPOSED CREDITS:			16

College Contact	April Chastain	Telephone No.	3055
E-Mail Address		Fax No.	
Chief Academic Officer or PTE Dean Signature		Date	1/27/23



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 Community College	Date	
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CAREER LEARNING AREA

<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION

<u>APPROVED</u> Program Title <small>(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)</small>	<u>APPROVED</u> CIP Code <small>(Include 7th & 8th digits used for OCCURS reporting.)</small>			<u>APPROVED</u> Recognition Award	Current Credits
	6-digit CIP	7 th digit	8 th digit		
AAS Title:				<input type="checkbox"/> Associate of Applied Science (AAS) Degree	
Option Title**				<input type="checkbox"/> OPTION to AAS Degree	
Certificate Title: <i>Within</i> AAS Degree? <input type="checkbox"/> Yes** <input checked="" type="checkbox"/> No Organic Farming CC.ORGANICFARM	1.0304			<input checked="" type="checkbox"/> CC1 (45-60 credits)	53-56

**Enter name of base degree in 'AAS Title' box

LAST AMENDMENT APPROVED ON 01.20.23

TYPE OF PROGRAM AMENDMENT

(Check ALL That Apply)

<input type="checkbox"/> New Program++	Curriculum Revision	<input checked="" type="checkbox"/> Revision in Program Credits
<input type="checkbox"/> Title Change for Program		<i>Proposed Total Credits:</i> <input type="text"/>
<i>Proposed AAS Title:</i>	<input type="text"/>	
<i>Proposed OPTION Title:</i>	<input type="text"/>	
<i>Proposed Certificate Title:</i>	<input type="text"/>	
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i> <input type="text"/>	
Suspension Effective Date:	<input type="text"/>	


++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.]

<i>CURRENT CURRICULUM 22-23</i>				<i>PROPOSED CURRICULUM 23-24</i>			
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Fall Term							
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 or Statistics	44- 55	4-5				
--	Organic Farming program electives		2				
Winter Term							
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-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				
				HOR-250	Herb Growing and Gardening	20	1
				HOR-251	Herbal Products	20	1
				HOR-252	Kitchen Herbs	20	1
TOTAL CURRENT CREDITS:			53-56	TOTAL PROPOSED CREDITS:			

College Contact		Telephone No.	
E-Mail Address		Fax No.	
Chief Academic Officer or PTE Dean Signature			Date 1/27/23



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 Community College	Date	
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CAREER LEARNING AREA

<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input checked="" type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION

<u>APPROVED</u> Program Title <small>(For Official Program Title, refer to your directory at http://www.ode.state.or.us/search/results/?id=232)</small>	<u>APPROVED</u> CIP Code			<u>APPROVED</u> Recognition Award	Current Credits
	<i>6-digit CIP</i>	<i>7th digit</i>	<i>8th digit</i>		
Parent AAS Title:				<input type="checkbox"/> Associate of Applied Science (AAS) Degree	
Option Title**				<input type="checkbox"/> OPTION to AAS Degree	
Certificate Title: <i>Within</i> AAS Degree? <input checked="" type="checkbox"/> Yes** <input type="checkbox"/> No Part Time Welding CC.PTWELDING	48.0508	L	*	<input type="checkbox"/> CC (12-30 Credits)	15

**Enter name of base degree in 'AAS Title' box

Last amendment approved on 01.20.23

TYPE OF PROGRAM AMENDMENT

(Check ALL That Apply)

<input type="checkbox"/> New Program++	Curriculum Revision	Revision in Program Credits	
<input checked="" type="checkbox"/> Title Change for Program		<i>Proposed Total Credits:</i>	
<i>Proposed AAS Title:</i>			
<i>Proposed OPTION Title:</i>			
<i>Proposed Certificate Title:</i>	Initial Welding		
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>		
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.]

<i>CURRENT CURRICULUM 22-23</i>				<i>PROPOSED CURRICULUM 23-24</i>			
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-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 CURRENT CREDITS:			15	TOTAL PROPOSED CREDITS:			

College Contact		Telephone No.	
E-Mail Address		Fax No.	
Chief Academic Officer <i>or</i> PTE Dean Signature	Armetta Burney via email	Date	1/13/23

Program	Implementation
AA Degree, Oregon Transfer	2023/SU
AA Degree, Oregon Transfer Elementary Education	2023/SU
AA Degree, Transfer English Literature	2023/SU
AS Degree, Transfer Biology	2023/SU
AS Degree, Transfer Business	2023/SU
AS, Music, PSU	2023/SU
AS, Oregon Transfer - Business	2023/SU
AS, Oregon Transfer, Computer Science	2023/SU
Associate of General Studies	2023/SU
Oregon Transfer Module	2023/SU

AA.OTELEMED

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

last amendment approved on 01.20.23

Requirements	Courses
<p>Writing 8 credits, information literacy will be included in the Writing Requirement.</p>	<p>WR-121Z & 122Z</p>
<p>Oral Communication - 1 course</p>	<p>COMM-111Z</p>
<p>Mathematics - 3 courses</p>	<p>MTH-211, 212, and 213</p>
<p>Health at least 3 credits.</p>	<p>HPE-295</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Arts & Letters</p> <ul style="list-style-type: none"> • 3 courses from 2 or more disciplines. • Each course must be at least 3 credits. 	<p>ENG-104, 105 or 106 and ART-115 or 131 and 1 course from the following: (200-level world languages recommended)</p> <p>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*, 243*, 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*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Social Science</p> <ul style="list-style-type: none"> • 4 courses from 2 or more disciplines. • Each course must be at least 3 credits. 	<p>HST-201*, 202*, or 203* and ANT-103* or GEO-110* and PS-201 and PSY-200, 205*, or 215</p>

<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Science/Math/Computer Science</p> <ul style="list-style-type: none"> • 3 courses • Each course must be at least 4 credits 	<p>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:</p> <p>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</p>
<p>Cultural Literacy - 1 course</p>	<p>Courses meeting this requirement are noted with an asterisk*</p>
<p>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.</p>	<p>ED-169, 216, 229, 258, and 101 or 280</p>
<p>Elective Courses Any college-level course that would bring total credits to 90 credits.</p>	<p>Recommended Courses: ED-150 or ECE courses</p> <p>Any college-level course that would bring total credits to 90 credits</p> <p>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</p>

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

AA.OREGONTRANSFER

Associate of Arts Oregon Transfer Degree (AAOT)

last amendment approved on 01.20.23

Requirements	Courses
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, 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
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Arts & Letters</p> <ul style="list-style-type: none"> • 3 courses from 2 or more disciplines. • Each course must be at least 3 credits. 	<p>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</p> <p>ASL-201*, 202*, 203*</p> <p>BA-130</p> <p>COMM-112, 126*, 140*, 212, 218Z*, 219*, 227</p> <p>ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 243*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296</p> <p>FR-201*, 202*, 203*</p> <p>HUM-235*, 237*, 240*, 241*, 242*</p> <p>J-211, 216</p> <p>MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213</p> <p>PHL-101*, 102*, 103*, 205*, 210*, 213*, 216*</p> <p>R-101*, 102*, 103*, 204*, 210*, 211*, 212*</p> <p>SPN-201*, 202*, 203*</p> <p>SSC-237*</p> <p>TA-101, 102, 103, 111, 122, 123, 141, 142, 143, 153</p> <p>WR-240, 241*, 242, 243, 244*, 245, 247, 248, 262, 263, 265, 270</p> <p>WS-101*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Social Science</p> <ul style="list-style-type: none"> • 4 courses from 2 or more disciplines. • Each course must be at least 3 credits. 	<p>ANT-101, 102*, 103*, 232*</p> <p>CJA-101, 201</p> <p>EC-201, 202</p> <p>GEO-100*, 110*, 130*, 208*</p> <p>HE-163, 164</p> <p>HST-101*, 102*, 103*, 130*, 131*, 132*, 136*, 137*, 138*, 201*, 202*, 203*</p> <p>HUM-237*</p> <p>PS-200*, 201, 203, 204, 205, 225, 297</p> <p>PSY-200, 205*, 215, 219*, 231*</p> <p>SOC-204*, 205*, 206*, 210*, 225*</p> <p>SSC-235*, 237*, 240*, 241*, 242*</p> <p>WS-101*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Science/Math/Computer Science</p> <ul style="list-style-type: none"> • 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. 	<p>ASC-175, 176, 177</p> <p>BI-101, 102, 103, 112, 160, 160L, 165C, 165CL, 165D, 175, 176, 177, 204, 211, 212, 213, 231, 232, 233, 234</p> <p>CH-104, 105, 106, 112, 114, 221, 222, 223</p> <p>ESR-171, 172, 173</p> <p>G-101, 102, 103, 148, 201, 202, 203</p> <p>GS-104, 105, 106, 107</p> <p>MTH-105Z, 111Z, 112Z, 211, 212, 213, 244, 251, 252, 253, 254, 256, 261</p> <p>PH-121, 122, 123, 201, 202, 203, 211, 212, 213</p> <p>STAT-243Z</p> <p>Z-201, 202, 203</p>

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 the Elective Course List for courses that may be included

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

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

last amendment approved on 01.20.23

Requirements	Courses
<p>Writing 2 courses, information literacy will be included in the Writing Requirement.</p>	<p>WR-121Z and 122Z</p>
<p>Literature 2 courses At PSU up to 12 credits of 200-level English Literature can count towards the major</p>	<p>ENG-204, 205, 253 or 254 and Any 200-Level English Course</p>
<p>Mathematics - 1 course not required at PSU for the BA; will count toward UNST placement</p>	<p>MTH-105Z or higher level Math or Statistics</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Arts & Letters</p> <ul style="list-style-type: none"> • Take two 200-level literature courses • Each course must be at least 3 credits. <p>- 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)</p>	<p>ENG-201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 243*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Social Science</p> <ul style="list-style-type: none"> • Take 2 courses • Each course must be at least 3 credits. 	<p>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*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Natural Science</p> <ul style="list-style-type: none"> • Take 2 lab science courses • Each course must be at least 4 credits. <p>At PSU the second Natural Lab Science course counts towards UNST placement</p>	<p>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</p>
<p>Cultural Literacy - 1 course</p>	<p>Courses meeting the Cultural Literacy requirement are noted with an asterisk.</p>
<p>World Languages</p>	<p>ASL-203* or FR- 203* or SPN-203*</p>
<p>Elective Courses</p>	<p>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</p>

		<p>Or Any Philosophy (PHL), Music or Theater appreciation (MUS, MUP, TA), US History (HST), or additional Biological (BI) or Physical Science courses.</p> <p>Any college-level course that would bring total credits to 90 credits</p> <p>Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses</p> <p>Please refer to the Elective Course List for courses that may be included</p> <p>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</p>
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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

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

last amendment approved on 01.20.23

Requirements	Courses
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<p>Writing</p> <ul style="list-style-type: none"> • 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 	<p>WR-121Z and WR-122Z or 227Z</p>
<p>Mathematics</p> <ul style="list-style-type: none"> • 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). 	<p>MTH-111Z and 112Z</p>
<p>Biology</p> <ul style="list-style-type: none"> • 3 courses • Each course must be at least 4 credits 	<p>BI-211, 212, and 213</p>
<p>Chemistry</p> <ul style="list-style-type: none"> • 3-course sequence with lab • Each course must be at least 4 credits 	<p>CH-221, 222, and 223</p>
<p>Physics/Math/Chemistry</p> <ul style="list-style-type: none"> • 2 Sequences • Strongly recommend seeing an advisor for assistance with choosing sequences that best match your specific academic, pre-professional, and career goals 	<ul style="list-style-type: none"> • PH-201, 202, and 203 or PH-211, 212, and 213 • MTH 251 & 252^{1, 2} • CH-241, 242, and 243^{3, 4} <p>¹ Students transferring to PSU may substitute STAT-243Z & MTH-244 for MTH-251 & MTH-252.</p> <p>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.</p> <p>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.</p> <p>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</p>

<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Arts & Letters</p> <ul style="list-style-type: none"> • 2 courses • Each course must be at least 3 credits 	<p>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</p> <p>ASL-201*, 202*, 203*</p> <p>BA-130</p> <p>COMM-112, 126*, 140*, 212, 218Z*, 219*, 227</p> <p>ENG-104, 105, 106, 107*, 108*, 109*, 116, 121, 130, 194, 195, 201, 202, 204, 205, 213*, 218, 226, 240*, 241*, 243*, 250*, 251*, 252*, 253, 254, 255, 260, 261*, 270, 271*, 272*, 273*, 295*, 296</p> <p>FR-201*, 202*, 203*</p> <p>HUM-235*, 237*, 240*, 241*, 242*</p> <p>J-211, 216</p> <p>MUS-105, 111, 112, 113, 205, 206*, 211, 212, 213</p> <p>PHL-101*, 102*, 103*, 205*, 210*, 213*, 216*</p> <p>R-101*, 102*, 103*, 204*, 210*, 211*, 212*</p>
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	<p>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*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Social Science</p> <ul style="list-style-type: none"> • 2 courses • Each course must be at least 3 credits 	<p>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*</p>
<p>Cultural Literacy - 1 course</p>	<p>Courses meeting the Cultural Literacy requirement are noted with an asterisk.</p>
<p>Elective Courses</p>	<p>Recommended electives by transferring institution:</p> <p>EOU- STAT-243Z or an additional Physics, Math, or Chemistry sequence</p> <p>OIT- 4-6 credits social science, 1-3 credits humanities, or 2 credits lower division health biology</p> <p>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</p> <p>PSU- STAT-243Z or an additional sequence from the Physics, Math, or Chemistry area listed above</p> <p>SOU- STAT-243Z or an additional sequence from the Physics, Math, or Chemistry area listed above</p> <p>UO- WR-122Z or an additional sequence from the Physics, Math, or Chemistry area listed above</p> <p>WOU- WR-122Z or an additional sequence from the Physics, Math, or Chemistry area listed above</p> <p>Any college-level course that would bring total credits to 90 credits</p> <p>Other courses numbered 100 or above may be used in this area, which may include up to 12 credits of career technical courses</p> <p>Please refer to the Elective Course List for courses that may be included</p>

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

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; last amendment approved on 01.20.23

Requirements	Courses
Complete 90 credits from the following:	
Writing <ul style="list-style-type: none"> • 2 courses • Information literacy will be included in the Writing requirement 	WR-121Z and 227Z
Communications <ul style="list-style-type: none"> • 1 course 	COMM- 111Z
Mathematics <ul style="list-style-type: none"> • 1 course 	EOU, PSU, SOU, or OIT: STAT-243Z OSU, WOU, or UO: MTH-251
GENERAL EDUCATION DISTRIBUTION AREA Arts & Letters <ul style="list-style-type: none"> • 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 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*, 243*, 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 <ul style="list-style-type: none"> • 2 courses • Each course must be at least 3 credits 	EC- 201 and 202
GENERAL EDUCATION DISTRIBUTION AREA Natural Science <ul style="list-style-type: none"> • 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 <ul style="list-style-type: none"> • 1 course 	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
Business Specific Requirements <ul style="list-style-type: none"> • 5 courses 	BA- 101, 131, 211, 213, 226
Electives	<ul style="list-style-type: none"> • 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



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:	
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CAREER LEARNING AREA	
<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION					
<i>APPROVED</i> Program Title	<i>APPROVED</i> CIP Code <small>(Include 7th & 8th digits used for OCCURS reporting.)</small>			<i>APPROVED</i> Recognition Award	Current Credits
	<i>6-digit CIP</i>	<i>7th digit</i>	<i>8th digit</i>		
AS Area of Emphasis Title: Music AS.PSUMUSIC				Associate of Applied Science Area of Emphasis	100-107
Partnering Institution Name Portland State University					

Last amendment approved on 01.20.23

TYPE OF PROGRAM AMENDMENT <small>(Check ALL That Apply)</small>		
<input type="checkbox"/> New Agreement	<input type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Revision in Program Credits
		<i>Proposed Total Credits:</i>
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>	
Suspension Effective Date:		

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	11	1				
WR-122Z	Composition II	44	4				
Program Requirements – Second Year							
Fall Term							
MUP-202 Or MUP-205 or MUP-222 or MUP-241	Wind Ensemble or Jazz Ensemble or Chamber Choir or College Orchestra	44-55	1-2				
*MUP-271-291 Or MUP-271J-291J	Individual Lessons or Individual Lessons/Jazz	20	2				
MUS-189	Performance & Repertoire	11	1				
MUS-211	Music Theory II	33	3				
MUS-214	Keyboard Skills II	22	2				
MUS-224	Aural Skills II	22	2				--
--	Arts & Letters General Education elective		4				
Winter Term							
MUP-202 Or MUP-205 or MUP-222 or MUP-241	Wind Ensemble or Jazz Ensemble or Chamber Choir or College Orchestra	44-55	1-2				
*MUP-271-291 Or MUP-271J-291J	Individual Lessons or Individual Lessons/Jazz	20	2				
MUS-189	Performance & Repertoire	11	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 Science General Education elective		3				
Spring Term							
MUP-202 Or MUP-205 or MUP-222 or MUP-241	Wind Ensemble or Jazz Ensemble or Chamber Choir or College Orchestra	44-55	1-2				
*MUP-271-291 Or MUP-271J-291J	Individual Lessons or Individual Lessons/Jazz	20	2				
MUS-189	Performance & Repertoire	11	1				
MUS-213	Music Theory II	33	3				

MUS-216	Keyboard Skills II	22	2				
MUS-226	Aural Skills II	22	2				
--	Arts & Letters General Education elective		4				
--	Science/Math/Computer Science General Education elective		4				
Catalog Notes							
*Lessons must be in same instrument discipline, but may be in different styles. Note: For students pursuing a jazz degree, MUP-104 Jazz Combo may be substituted for MUS-189.							
Arts & Letters General Education Electives							
ART-101, 115, 117, 131, 204, 205, 206, 225, 226, 227, 250, 251, 252, 253, 254, 255, 281, 282, 283, 284, 285, 286, 291, 292, 293; ASL-201, 202, 203; BA-130; COMM-126, 140, 212, 218Z, 219, 227; ENG-104, 105, 106, 107, 108, 109, 116, 121, 130, 195, 201, 202, 204, 205, 213, 218, 226, 240, 241, 250, 251, 252, 253, 254 270; FR-201, 202, 203, 211; HUM-160, 235, 240, 241, 242; J-211; MUS-105, 111, 112, 113, 205, 206, 211, 212, 213; PHL-101, 102, 103, 205, 210; SPN-201, 202, 203; TA-101, 102, 103, 141, 142, 143; WR-241, 242, 243, 244, 245, 248, 262, 263, 265, 270;				ART-101, 115, 117, 131, 204, 205, 206, 225, 226, 227, 250, 251, 252, 253, 254, 255, 281, 282, 283, 284, 285, 286, 291, 292, 293; ASL-201, 202, 203; BA-130; COMM-126, 140, 212, 218Z, 219, 227; ENG-104, 105, 106, 107, 108, 109, 116, 121, 130, 195, 201, 202, 204, 205, 213, 218, 226, 240, 241, 243, 250, 251, 252, 253, 254 270; FR-201, 202, 203, 211; HUM-160, 235, 240, 241, 242; J-211; MUS-105, 111, 112, 113, 205, 206, 211, 212, 213; PHL-101, 102, 103, 205, 210; SPN-201, 202, 203; TA-101, 102, 103, 141, 142, 143; WR-241, 242, 243, 244, 245, 248, 262, 263, 265, 270;			
Social Science General Education Electives							
ANT-101, 102, 103, 232; CJA-101; EC-201, 202; GEO-100, 110, 130, 208; HST-101, 102, 103, 130, 131, 132, 136, 137, 138, 201, 202, 203; PS-200, 201, 203, 204, 205, 225, 297; PSY-200, 205, 215, 219, 231; SOC-204, 205, 206, 210, 225; SSC-160, 235, 240, 241, 242; WS-101;							
Science/Math/Computer Science General Education Electives							
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-211, 212, 213, 244, 252*, 253, 254, 256, 261; PH-121, 122, 123, 201, 202, 203, 211, 212, 213; STAT-243; Z-201, 202, 203;							
*MTH-252 may be used as an elective requirement in this category if it has not already used for the mathematics requirement in this AS degree.							
TOTAL CURRENT CREDITS:			100-107	TOTAL PROPOSED CREDITS:			
College Contact					Telephone No.		
E-Mail Address					Fax No.		
Chief Academic Officer or CTE Dean Signature					Date		

AS.OTBUSINESS

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

last amendment approved on 01.20.23

Requirements	Courses
<p>Writing 8 credits, information literacy will be included in the Writing Requirement.</p>	<p>WR-121Z and either 122Z, or 227Z</p>
<p>Oral Communication 1 course</p>	<p>COMM-111Z</p>
<p>Mathematics Minimum of 3 courses, including one course of statistics</p>	<p>MTH-111Z or higher level Math or Statistics, 4 credits of statistics (STAT-243Z or MTH-244) are required.</p>
<p>Cultural Literacy</p> <ul style="list-style-type: none"> • 1 course • Each course must be at least 3 credits. 	<p>Courses meeting the Cultural Literacy requirement are noted with an asterisk.</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Arts & Letters</p> <ul style="list-style-type: none"> • 3 courses from 2 or more disciplines. • Each course must be at least 3 credits. 	<p>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*, 243*, 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*</p>
<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Social Science</p> <ul style="list-style-type: none"> • 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. 	<p>EC-201 and EC-202 and courses from the following list: 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*</p>

<p>GENERAL EDUCATION DISTRIBUTION AREA</p> <p>Science</p> <ul style="list-style-type: none"> • 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. 	<p>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</p>
<p>Business Specific Minimum 20 credits, with a grade of C or better</p>	<p>BA-101, 131, 211, 213 and 226</p>
<p>Elective and/or University Specific Requirements</p>	<p>Determined by choice of transfer institution. Please contact your transfer advisor for assistance</p> <p>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</p> <p>Please refer to the Elective Course List for courses that may be included</p>

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

AS.OTCOMPSCIENCE
Associate of Science Oregon Transfer Degree – Computer Science
(ASOT–Computer Science)

last amendment approved on 01.20.23

Requirements	Courses
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 - 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 <ul style="list-style-type: none"> • 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*, 243*, 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 <ul style="list-style-type: none"> • 4 courses from 2 or more disciplines. • 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 Science/Math/Computer Science <ul style="list-style-type: none"> • 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 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, 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 <ul style="list-style-type: none"> • Each course must be at least 3 credits. 	Courses meeting the Cultural Literacy requirement are noted with an asterisk.
Computer Science Specific Requirements <ul style="list-style-type: none"> • 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. Please contact your transfer advisor for assistance 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

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

AGS.GENERAL
Associate of General Studies Degree (AGS)

last amendment approved on 01.20.23

Requirements	Courses
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 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, 243, 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 - 4 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
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, 244, 251, 252, 253, 254, 256, 261 PH-121, 122, 123, 201, 202, 203, 211, 212, 213 STAT-243Z Z-201, 202, 203
Other Requirements	Any college-level course that would bring total credits to 90 credits
90 credits	

NOTES

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

Oregon Transfer Module (OTM)

Last amendment approved on 01.20.23

	Requirements	Courses
Foundational Skills Introduction to Disciplines	Writing - 2 courses, 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, 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, 243, 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 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 PSY-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, 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:

- All courses must be passed with a C or better
- No course may be used to satisfy more than one requirement or distribution area
- All courses must be 100 level or higher
- All courses must be at least 3 credits

February 3, 2023

Program	Implementation
AS, English, OSU	2023/SU
AS, English, UofO	2023/SU



Teach-Out Plan

Program Name: English, AS - OSU

Program Type: AS Degree

Required Program Credits: 94-98

Plan Implementation Date: January 25, 2023

Date of Suspension of Student Admission: January 25, 2023

Last Term of Program Teach Out: Spring 2023

of Students in Program: 0

Source for Student Enrollment: Dustin Bare

Teach Out Plan: AAT in English Literature

Dustin Bare reviewed the last two years of enrollment to identify enrolled students in this program. He determined there was zero impact to move these students to AAT English. Those students have been notified.

How will these promises to the students be met?	Describe
Maintain the necessary experience, resources, and support services	The AS and AAT degrees have similar required and recommended courses, which we will continue to offer.
Remain stable, carry out its mission, and meet all its obligations to students	The AS and AAT degrees have similar required and recommended courses, which we will continue to offer.
Offer the program without additional charge	The AAT requires 90 credits, fewer than the AS.

Communication plan with students: Students have been notified.



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:	
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CAREER LEARNING AREA	
<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION					
<i>APPROVED</i> Program Title	<i>APPROVED</i> CIP Code <small>(Include 7th & 8th digits used for OCCURS reporting.)</small>			<i>APPROVED</i> Recognition Award	Current Credits
	<i>6-digit CIP</i>	<i>7th digit</i>	<i>8th digit</i>		
AS Area of Emphasis Title: English AS.OSUENGLISH				Associate of Applied Science Area of Emphasis	94-98
Partnering Institution Name Oregon State University					

Last amendment approved on 01.20.23

TYPE OF PROGRAM AMENDMENT <small>(Check ALL That Apply)</small>		
<input type="checkbox"/> New Agreement	<input type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Revision in Program Credits
		<i>Proposed Total Credits:</i>
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>	
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.]

<i>CURRENT CURRICULUM 22-23</i>				<i>PROPOSED CURRICULUM 23-24</i>			
Course	Title	Hours	Credits	Course	Title	Hours	Credits
Program Requirements – First Year							
Fall Term							
ASL-101 or FR-101 or SPN-101	American Sign Language I or First-Year French I or First-Year Spanish I	44	4				
HPE-295	Health & Fitness for Life	60	3				
WR-121Z	Composition I	44	4				
--	Biological Science elective		4				
Winter Term							
ASL-102 or FR-102 or SPN-102	American Sign Language or First-Year French II or First-Year Spanish II	44	4				
MTH-105Z or MTH-111Z or MTH-112Z or MTH-251 or MTH-252	Math in Society or Precalculus I: Functions or Precalculus II: Trigonometry or Calculus I or Calculus II	44-55	4-5				
WR-122Z	Composition II	44	4				
--	200-level English elective		4				
Spring Term							
ART-206 or MUS-105	History of Art/Enlightenment Through Contemporary Or Music Appreciation	33-44	3-4				
ASL-103 or FR-103 or SPN-103	American Sign Language or First-Year French III or First-Year Spanish III	44	4				
--	200-level English elective		4				
--	Physical Science elective		4-5				
Program Requirements – Second Year							
Fall Term							
ASL-201 or FR-201 or SPN-201	Second-Year American Sign Language I or Second-Year French I or Second-Year Spanish I	44	4				
--	English sequence or 200- Level English elective		4				
--	Biological Science or Physical Science		4-5				
--	Speech elective		4				
Winter Term							
ASL-202 or FR-202 or	Second-Year American Sign Language II or Second-Year French II	44	4				

SPN-202	or Second-Year Spanish II						
--	English sequence		4				
--	Cultural Diversity elective		4				
--	Social Processes/Institutions elective		4				
Spring Term							
ASL-203 or FR-203 or SPN-203	Second-Year American Sign Language III or Second-Year French III or Second-Year Spanish III	44	4				
HST-203 or SOC-225	History of the United States or Social Problems	44	4				
--	English sequence or 200- Level English elective		4				
--	Western Culture electives		4				
Biological Science Electives							
BI-102, 103, 204, 211, 212, 213, 234							
200-Level English Electives							
ENG-201, 202, 204, 205, 253, 254							
Physical Science Electives							
G-101, 102, 103, 201, 202, 203; GS-107; PH-121, 122, 123, 201, 202, 203, 211, 212, 213; CH-221, 222, 223;							
English Sequence Options							
ENG-204 and ENG-205 or ENG-253 and ENG-254							
Speech Electives							
COMM-111Z, 112, 218Z; WR-241, 242, 243;							
Cultural Diversity Elective							
R-101, 102, 103, 210;							
Social Processes/Institutions Elective							
ANT-103; EC-201, 202; HST-101, 102, 103; PS-201, 204, 205; PSY-200, 205; SOC-204, 205;							
Western Culture Electives							
ART-204, 205, 206; GEO-208; HST-101, 102, 103, 201, 202, 203; PHL-102; PS-203;							
TOTAL CURRENT CREDITS:			94-98	TOTAL PROPOSED CREDITS:			
College Contact				Telephone No.			
E-Mail Address				Fax No.			
Chief Academic Officer or CTE Dean Signature							Date

Program Name: English, AS - OU

Program Type: AS Degree

Required Program Credits: 91-96

Plan Implementation Date: January 25, 2023

Date of Suspension of Student Admission: January 25, 2023

Last Term of Program Teach Out: Spring 2023

of Students in Program: 0

Source for Student Enrollment: Dustin Bare

Teach Out Plan: AAT in English Literature

Dustin Bare reviewed the last two years of enrollment to identify enrolled students in this program. He determined there was zero impact to move these students to AAT English. Those students have been notified.

How will these promises to the students be met?	Describe
Maintain the necessary experience, resources, and support services	The AS and AAT degrees have similar required and recommended courses, which we will continue to offer.
Remain stable, carry out its mission, and meet all its obligations to students	The AS and AAT degrees have similar required and recommended courses, which we will continue to offer.
Offer the program without additional charge	The AAT requires 90 credits, fewer than the AS.

Communication plan with students: Students have been notified.



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:	
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CAREER LEARNING AREA	
<input type="checkbox"/> Ag, Food & Natural Resource Systems	<input type="checkbox"/> Health Services
<input type="checkbox"/> Arts, Information & Communications	<input type="checkbox"/> Human Resources
<input type="checkbox"/> Business & Management	<input type="checkbox"/> Industrial & Engineering Systems

PROGRAM INFORMATION					
<i>APPROVED</i> Program Title	<i>APPROVED</i> CIP Code <small>(Include 7th & 8th digits used for OCCURS reporting.)</small>			<i>APPROVED</i> Recognition Award	Current Credits
	<i>6-digit CIP</i>	<i>7th digit</i>	<i>8th digit</i>		
AS Area of Emphasis Title: English AS.UOENGLISH				Associate of Applied Science Area of Emphasis	91-96
Partnering Institution Name University of Oregon					

Track requirement changed to General Elective during Catalog edit without an amendment or approval

Last amendment approved on 01.20.23

TYPE OF PROGRAM AMENDMENT		
<small>(Check ALL That Apply)</small>		
<input type="checkbox"/> New Agreement	<input type="checkbox"/> Curriculum Revision	<input type="checkbox"/> Revision in Program Credits
		<i>Proposed Total Credits:</i>
<input type="checkbox"/> SUSPENSION of Program	<i>Reason for Suspension:</i>	
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.]

<i>CURRENT CURRICULUM 22-23</i>				<i>PROPOSED CURRICULUM 23-24</i>			
Course Number	Course Title	Clock Hours	Credits	Course Number	Course Title	Clock Hours	Credits
Program Requirements – First Year							
Fall Term							
ASL-101 or FR-101 or SPN-101	American Sign Language I or First-Year French I or First-Year Spanish I	44	4				
MTH-105Z or MTH-111Z or MTH-112Z or MTH-251 or MTH-252	Math in Society or Precalculus I: Functions or Precalculus II: Trigonometry or Calculus I or Calculus II	44-55	4-5				
WR-121Z	Composition I	44	4				
WR-140 Or --	Introduction to Writing Creatively Or Arts & Letters Elective		4				
Winter Term							
ASL-102 or FR-102 or SPN-102	American Sign Language or First-Year French II or First-Year Spanish II	44	4				
ESR-172 Or --	Environmental Science Or Science Elective		4-5				
--	Social Science Elective		3-4				
WR-122Z	Composition II	44	4				
Spring Term							
ASL-103 or FR-103 or SPN-103	American Sign Language or First-Year French III or First-Year Spanish III	44	4				
ESR-173 Or --	Environmental Science Or Science Elective		4-5				
ENG-270 Or --	Introduction to Literary Criticism Or Arts & Letters Elective		4				
WR-222	English Composition	44	4				
Program Requirements – Second Year							
Fall Term							
ASL-201 or FR-201 or SPN-201	Second-Year American Sign Language I or Second-Year French I or Second-Year Spanish I	44	4				
ENG-204	British Literature: Ancient to Enlightenment	44	4				
ENG-	Program Elective	44	4				
--	General Electives		4				

Winter Term							
ASL-202 or FR-202 or SPN-202	Second-Year American Sign Language II or Second-Year French II or Second-Year Spanish II	44	4				
ENG-205 or ENG-253	British Literature: Romantic to Contemporary or American Literature: Pre-Columbian to Civil War	44	4				
ENG-	Program Elective	44	4				
--	General Elective	44	4				
Spring Term							
ASL-203 or FR-203 or SPN-203	Second-Year American Sign Language III or Second-Year French III or Second-Year Spanish III	44	4				
ENG-254	American Literature: 1865 to Present	44	4				
ENG-297	A.S. Degree Portfolio	11	1				
HST-103 Or --	History of Western Civilization Or Social Science Elective		3-4				
Social Science Elective							
ANT-102, 103, 232; EC-201, 202; GEO-110, 208; HST-101, 102, 103, 131, 132, 136, 137, 138, 201, 202, 203; PS-200, 201, 203, 204, 205; PSY-101, 205, 215, 219, 231; SSC-160, 235, 240; SOC-204, 205, 206, 210, 225; WS-101;							
Other Science Electives							
ANT-101; BI-101, 102, 103, 112, 160L, 165CL, 204, 211, 212, 213, 231, 232, 233, 234; CH-104, 105, 106, 112, 150, 221, 222, 223, 241, 242, 243; ESR-171, 172, 173; G-101, 102, 103, 145, 148, 201, 202, 203; PH-121, 122, 123, 201, 202, 203, 211, 212, 213; PSY-200; Z-201, 202, 203;							
English Program Electives							
ENG-104*, 105*, 106*, 107, 108, 109, 116, 121, 130, 194, 195, 201, 202, 213, 218, 225, 226, 230, 240, 241, 250, 251, 252, 255, 260, 261, 295; *Only one selection from ENG-104, -105, and -106 will count for credit at UO.							
General Elective							
Any other minimum 4-credit transferable course except prefix PE or HPE that is not already part of the degree requirements							
Arts & Letters Options							
Minimum 4 credits per term WR-240, 241, 242, 243, 244, 245, 246, 262, 263, 265; Or other Arts & Letters courses as listed in the CCC Catalog							
TOTAL CURRENT CREDITS:			91-96	TOTAL PROPOSED CREDITS:			

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

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.

Programs Affected by WR-101 Credit Change

Program Name	Current Credits	Proposed Credits
Auto Body/Collision Repair and Refinishing Technology, AAS	91-92	92
Automotive Service Technology, AAS	90-91	91
Computer & Network Administration, AAS	90-95	91-95
Computer & Network Administration, Certificate	52-56	53-56
Computer Application Specialist, Certificate	52-54	53-54
Computer-Aided Manufacturing, AAS	96-97	97-98
Dental Assistant, Certificate	53-54	54
Early Childhood Education & Family Studies, AAS	90-92	91-92
Early Childhood Education & Family Studies, Certificate	45-46	46
EFA, Industrial Technology & Automotive	12-15	13-15
Fitness Technology, Certificate	45-47	46-47
Gerontology, Certificate	45-46	46
Healthcare Careers, Certificate	13-14	14
Horticulture, AAS	96-101	97-101
Horticulture, Certificate	52-54	53-54
Human Services Generalist, AAS	90-92	91-92
Human Services Generalist, Certificate	45-48	46-48
Industrial Maintenance Technology Mechanical Maintenance, Certificate	47	48
Industrial Maintenance Technology, AAS	97-98	98-99
Industrial Maintenance Technology, Certificate	52	53
Landscape Management, AAS	96-98	97-98
Landscape Management, Arboriculture Option, AAS	97-99	98-99
Machine Tool Technology, AAS	96-99	97-100
Machine Tool Technology, Certificate	50	51
Medical Assistant, Certificate	45	45
Microelectronics Systems Technology, AAS	91	92
Microelectronics Systems Technology, Certificate	47	48
Music Performance & Technology, AAS	95-97	96-97
Music Technology, Certificate	52-54	53-54
Occupational Skills Training, Certificate	49	50
Organic Farming, Certificate	53-56	54-56
Renewable Energy Technology, AAS	98-101	99-101
Renewable Energy Technology, Certificate	49-50	50
Water & Environmental Technology, AAS	90-91	91
Water & Environmental Technology, Certificate	57-58	58
Welding Technology, AAS	93-94	94-95
Welding Technology, Certificate	50	51
Wildland Fire Management, AAS	90-94	91-94
Wildland Fire Science, Certificate	45-48	46-48