Clackamas Community College

Curriculum Committee Agenda

March 15, 2024 (8-9:30am)

	Presenter	Action
1. **Welcome and Introductions** 2. **Curriculum Committee Attendance**	**Chair**	
3. **Approval of Minutes**	**Chair**	Approval

4. **Consent Agenda**
  a. Course Number Changes
  b. Course Title Change
  c. Reviewed Outlines for Approval
	Chair	Approval

5. **Course and Program Approvals**
  a. **Horticulture Amendments**
    a. Horticulture AAS
    b. Landscape Management AAS
    c. Landscape Management AAS, Arboriculture Option
  b. **COMM-111Z Related Instruction**
 	
  c. **New Courses – COMM-100ES, COMM-100BL**
  d. **Industrial Technology Program Amendments**
    a. Electronics Engineering Technology AAS
    b. Electronics Engineering Technology CC
    c. Microelectronics Systems Technology AAS
    d. Microelectronics Systems Technology CC
  e. **More Industrial Technology Program Amendments**
    a. Industrial Maintenance Technology Mechanical Maintenance CC
    b. Machine Tool Technology CC
	Curriculum Office
	
	Related Instruction Review Team
	
	Kerrie Hughes
	Mike Farrell
	
	Mike Mattson
		
		Approval/24.SU
		Approval/24.SU
		Approval/24.SU
		
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		Approval.24.SU

6. **Old Business** a.		
7. **New Business** a.		
8. **Closing Comments**		

Curriculum Committee Members Sign-In Sheet

Enter a 1 in the Present/Absent column

Guests, please sign in on the "Guests" tab

Curriculum Committee Minutes

March 1, 2024 (8-9:30am)

Present: ASG (Stephani Dale), Dustin Bare, Nora Brodnicki, Armetta Burney, Debra Carino, Virginia Chambers, Amanda Coffey, Juan Cortes, Megan Feagles (Recorder), Sue Goff, Erin Gravelle, Kari Hiatt, Kerrie Hughes (Chair), Jason Kovac, Eric Lee, Kara Leonard, Gentiana Loeffler, Mike Mattson, Patricia McFarland, Kelly Mercer, Deanna Myers, Tracy Nelson, Lisa Reynolds, Terrie Sanne, Charles Siegfried, April Smith, Aundrea Snitker, Tara Sprehe, Sarah Steidl, Chris Sweet, Wryann Van Riper, Andrea Vergun

Guests: Tiffany Kriesel, Lisa Nielson

Absent: Elizabeth Carney, Jordan Gulley, Dawn Hendricks, David Plotkin, Dru Urbassik

1. **Welcome & Introductions**
2. **Curriculum Committee Sign-In Sheet**
   a. In an effort to be more transparent about when a quorum is reached, we are trying out a new sign-in method where members will sign themselves in as they enter the zoom meeting.
   b. The quorum calculation is on the excel sheet and updates as people sign in.

3. **Approval of Minutes**
   a. Approval of the February 16, 2024 minutes
   Motion to approve, approved

4. **Consent Agenda**
   a. Course Number Changes
   b. Course Title Change
   c. Reviewed Outlines for Approval
   Motion to approve, approved

5. **Course and Program Approvals**
   Motion to approve, approved
   a. **New Courses – Skills Development**
      a. Lisa Nielson presented
      b. Helps Spanish GED students have more options. Part of the Skills Development Unit Planning.
      c. MTH-020ES
         i. This course will fulfill a need for transitional courses for Spanish GED students taught in Spanish and fulfill a need for Spanish ECE students.
      d. HD-202ES
         i. This course will provide an opportunity for Spanish speaking Adult Basic Skills students to transition to credit classes in their native language.
      e. HD-208ES
         i. This course will provide an opportunity for Spanish speaking Adult Basic Skills students to transition to credit classes in their native language.
      Motion to approve, approved

   b. **New Courses – Apprenticeship**
      a. APR-295IE, APR-296IE
      b. Tiffany Kriesel presented
      c. New contract for transcription. Designed for 5th year Inside Electrical student.
      Motion to approve, approved

   c. **New Courses – IDTD**
      Mike Mattson presented
      a. IMT-111
         i. Meeting industry needs.
         ii. Created for cohort for a Department of Labor (DOL) grant. Introducing Industrial Maintenance Technology and Renewable Energy Technology.
      b. MFG-129
         i. To offer a lec/lab Basic electricity course. This course will allow students practical application of lecture material.

        ii. This is similar to MFG-130 but it includes lab activities. It was also developed for the DOL grant cohort.

Motion to approve, approved

    d. **ART-100B Course Reactivation**
        a. Nora Brodnicki presented
        b. Offering a one-credit soda firing course spring 2024. This is more accurate than an ART-199 course

Motion to approve, approved

6. **Old Business**
    a.
7. **New Business**
    a. Courses Scheduled for Inactivation 2025
        i. Curriculum Office presented
        ii. This is the 1st of 3 reminders
        iii. Courses that haven't been offered since 2022/SP are scheduled for inactivation on 6/30/25.
        iv. To prevent inactivation, the course must be offered during the 24-25 year, OR JUST ASK US NOT TO INACTIVATE IT.
        v. The list is posted under Additional Documents and is updated frequently. The link will be included in the Curriculum Committee approval email today.
        vi. The 2nd reminder will be in October of the next academic year.
    b.
8. **Closing Comments**
-Meeting Adjourned-

Next Meeting: March 15, 2024 (8-9:30am)

1. Course Title Change

Course	Current Title	Proposed Title

2. Course Number Change

Course	Title	Proposed Course Number

3. Outlines Reviewed for Approval

Course	Title	Implementation
ART-232	Life Drawing (Figure Emphasis)	2024/SP
ASL-102	First-Year American Sign Language II	2024/SP
ASL-103	First-Year American Sign Language III	2024/SP
ASL-201	Second-Year American Sign Language I	2024/SP
ASL-203	Second-Year American Sign Language III	2024/SP
HE-280	Health/CWE	2024/SP

Course Change Request

Date Submitted: 02/28/24 1:27 pm

Viewing: **ART-232 : Life Drawing (Figure Emphasis)**

Last approved: 02/03/24 4:17 am

Last edit: 03/12/24 11:28 am

Changes proposed by: Nora Brodnicki (norab)

Catalog Pages
referencing this
course
Art (ART)

Programs
referencing this
course
AS.TBIOLOGY: Biology (AST)
NA.OTM: Oregon Transfer Module
AS.OTBUSINESS: Business (ASOT)
AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science (AST)
AS.TBUSINESS: Business (AST)
AS.OTCOMPSCIENCE: Computer Science (ASOT)
AA.OREGONTRANSFER: Associate of Arts Oregon Transfer (AAOT)
AA.OTELEMED: Elementary Education (AAOT)
AGS.GENERAL: Associate of General Studies

Credits/Hours/Instructional Method Change

Approval Path

1. 02/28/24 1:32 pm Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 02/29/24 10:36 am Kerrie Hughes (kerrieh): Approved for DASC Curriculum Committee Outline Review Team
3. 03/01/24 10:27 am Megan Feagles (megan.feagles): Approved for Curriculum Office

History

1. Nov 1, 2023 by Megan Feagles (megan.feagles)
2. Feb 3, 2024 by Nora Brodnicki (norab)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix	ART - Art
Course Number	232
Department	Art
Division	Arts and Sciences
Course Title	Life Drawing (Figure Emphasis)

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	33.00
Lec/Lab	
Lab	33.00
Activity	
Clinical	
Field	
CWE Seminar	
CPR	

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total   66

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

Yes

Course Description

Develop drawing skills, tools, materials, techniques, elements of composition; line, gesture, and value. Students work from direct ~~Direct~~ observation ~~of reality in relation to volume~~ and description of ~~form drawn onto a two-dimensional plane with a focus on~~ the figure (clothed and nude) describing volume and form on the two-dimensional plane. ~~human form.~~ Assignments include drawing, assigned readings and group critiques of drawing projects.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

ART-131 or Student Petition

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?
No

Show course in   Print in Schedule
Schedule

Hide course in catalog
No

When do you plan to offer this course?
Winter

Will this class use library resources?
Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

No

Are you going to seek General Education Certification after course approval?

Yes

General Education Outcome(s)

Arts & Letters

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	demonstrate drawing and design concepts, elements and principles using various drawing media; (AL1)
2	analyze personal values through self- and group-critique of work; (AL2)
3	create original works of art that explore drawing and its connection to ideas, iconography, and/or art; (AL1)
4	recognize and utilize personal and/ or conceptual elements in relation to art and drawing; (AL1)
5	create works that reflect cultural, historical and/or contemporary ideas; (AL2)
6	draw the human form;

	Upon successful completion of this course, students should be able to:
7	create a portfolio of original works of art.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

Locate, evaluate, and ethically utilize information to communicate effectively.

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

AL: Arts and Letters Outcomes

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

Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.
   S

Outcome Assessment Strategies

Outcomes Assessment Strategies

Portfolios
Projects

Major Topic Outline
1. Use of contour, color and value to describe form. 2. Shape, form, movement, space, color, composition. 3. Value and color in light and shadow. 4. Portrait and figure drawing. 5. Varied drawing techniques and skills.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

OUS school to which the course will transfer

EOU - Eastern Oregon University

Comparable
course(s)
Drawing is an art course that will transfer as a lower level elective or as an art foundation course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  College and university websites have information about Drawing courses

---

OUS school to which the course will transfer

                        OSU - Oregon State University

Comparable
course(s)
  Drawing is an art course that will transfer as a lower level elective or as an art foundation
  course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  College and university websites have information about Drawing courses

---

OUS school to which the course will transfer

                        OSU-C - OSU-Cascade

Comparable
course(s)

Drawing is an art course that will transfer as a lower level elective or as an art foundation course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

College and university websites have information about Drawing courses

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OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)
Drawing is an art course that will transfer as a lower level elective or as an art foundation course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

College and university websites have information about Drawing courses

---

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable
course(s)

Drawing is an art course that will transfer as a lower level elective or as an art foundation course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

College and university websites have information about Drawing courses

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OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Drawing is an art course that will transfer as a lower level elective or as an art foundation course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

College and university websites have information about Drawing courses

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable
course(s)

Drawing is an art course that will transfer as a lower level elective or as an art foundation
course. All OUS schools with an art department offer a similar class

How does it transfer?

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

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

College and university websites have information about Drawing courses

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 03/13/24 12:50 pm

Viewing: **ASL-102 : First-Year American Sign Language II**

Last approved: 11/04/23 4:51 am

Last edit: 03/13/24 12:50 pm

Changes proposed by: Amy Ellis (amy.ellis)

Catalog Pages
referencing this
course
  American Sign Language (ASL)

Programs
referencing this
course
  AS.PSUENGLISH: AS, English, PSU

Credits/Hours/Instructional Method Change

Approval Path

1. 03/11/24 12:25 pm Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/12/24 2:46 pm Deanna Myers (deanna.myers): Rollback to Curriculum Office for DASC Curriculum Committee Outline Review Team
3. 03/12/24 2:48 pm Megan Feagles (megan.feagles): Approved for Curriculum Office
4. 03/12/24 2:54 pm Deanna Myers (deanna.myers): Rollback to Initiator
5. 03/13/24 12:54 pm Megan Feagles

History

1. Nov 4, 2023 by Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix	ASL - American Sign Language
Course Number	102
Department	World Languages
Division	Arts and Sciences
Course Title	First-Year American Sign Language II

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes

Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	44.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	
Total	44
Proposed Effective Term	Spring 2024

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

Yes

Course Description

Second term of a three-term introductory course. Emphasis will be on increasing communicative abilities. Course will focus on language functions such as making requests, describing others, and/or telling a short story. Grammar and vocabulary will also be emphasized throughout the course.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

<div align="center">

Discipline Studies

</div>

Is this class challengeable?

<div align="center">

Yes

</div>

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

ASL-101 with a C or better

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Fall/Winter/Spring ~~Winter~~

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

No

Are you going to seek General Education Certification after course approval?

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	carry out basic communicative exchanges which permit heavy reliance on learned signs; ~~signs,~~
2	occasionally expand these exchanges through simple re-combinations of their elements; ~~elements,~~
3	spontaneously apply at least 10 learned sign sequences to new situations; ~~situations,~~
4	have a base sign vocabulary of 100 signs; ~~signs,~~
5	translate and present a simple paragraph from English into ASL using idioms; ~~idioms,~~
6	identify six different types of classifiers and apply them to learned signs (affixes-prefix, infix classifier and suffix classifiers) and specials (vehicle, animal, and person classifiers), size and shape specifiers, singular and plural classifiers, determiner and possessor classifiers, indicator and presumption classifiers;
7	demonstrate the ability to assimilate the classifier handshapes in the subject-verb (simple ASL) and object-subject-verb agreements.

Major Topic Outline

1. Refining skills in expressive and receptive signing. 2. Enlarging vocabulary. 3. Developing fluency. 4. Begin Idioms. 5. Introduction and usage of reference points. 6. Continued development an use of classifiers. 7. Examine in more depth, the structure and syntax of the language. 8. Development of ASL linguistics. 9. The deaf community as an American subculture. 10. Continue vocabulary lists: a. Action words. b. Quality/condition. c. Verbs. 11. Song project.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

	No
Supports Green Services	
	No
Percent of Course	0

Course Transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

ASL 102 (PSU, SOU, WOU), ASL 112 (OSU)

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

ASL 102 (PSU, SOU, WOU), ASL 112 (OSU)

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable
course(s)

ASL 102 (PSU, SOU, WOU), ASL 112 (OSU)

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable
course(s)

ASL 102 (PSU, SOU, WOU), ASL 112 (OSU)

How does it transfer?

general elective

Evidence of transferability

Please attach documentation

Reviewer Comments

Key: 268

Preview Bridge

Course Change Request

Date Submitted: 03/11/24 12:24 pm

Viewing: **ASL-103 : First-Year American Sign Language III**

Last approved: 11/04/23 4:51 am

Last edit: 03/11/24 12:25 pm

Changes proposed by: Amy Ellis (amy.ellis)

Catalog Pages
referencing this
course
  American Sign Language (ASL)

Programs
referencing this
course
  AS.PSUENGLISH: AS, English, PSU

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix	ASL - American Sign Language
Course Number	103
Department	World Languages
Division	Arts and Sciences
Course Title	First-Year American Sign Language III

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	44.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	

Community Education/Adult

Total 44

Proposed Effective Term Spring 2024

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

Yes

Course Description

Third term of a three-term introductory course. Emphasis will be on developing conversational competence. Course includes basic ASL vocabulary and grammar used for basic communication such as opening conversations, clarifying, giving reasons, narrating family history, correcting, and elaborating.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

ASL-102 with a C or better

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Spring

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

No

Are you going to seek General Education Certification after course approval?

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	conduct basic communicative exchanges which permit considerable but not exclusive reliance on memorized signs; ~~signs,~~
2	expand these exchanges through simple re-combinations of their elements; ~~elements,~~
3	spontaneously apply at least 15 learned sign sequences to new situations; ~~situations,~~
4	demonstrate a learned vocabulary of at least 150 signs; ~~signs,~~
5	translate and present a simple 3 minute song or 1 page story from English to ASL; ~~ASL,~~
6	describe the basic aspects of deaf culture and entertainment including the history of ABC stories.

Major Topic Outline

1. Refining skills in expressive and receptive signing. 2. Increasing vocabulary. 3. Developing fluency. 4. Continued development and usage of classifiers. 5. Continued development of ASL

linguistics and translating to ASL structure. 6. Examine, in depth, the implications of deafness. 7. Examine the history of the education of deaf children from Aristotle to the present. 8. Expand Vocabulary. a. Verbs. b. Feelings. c. Household. d. Countries. 9. ABC Story Project. 10. Research paper with topic relating to deafness. 12. Research summary presentation.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 03/11/24 12:27 pm

Viewing: **ASL-201 : Second-Year American Sign Language I**

Last edit: 03/13/24 7:34 am

Changes proposed by: Amy Ellis (amy.ellis)

Catalog Pages
referencing this
course
  American Sign Language (ASL)

Programs
referencing this
course
  AAS.MICROSYSTECH: Microelectronics Systems Technology
  AS.PSUMUSIC: AS, Music, PSU
  AS.TBIOLOGY: Biology (AST)
  NA.OTM: Oregon Transfer Module
  AS.OTBUSINESS: Business (ASOT)
  AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science (AST)
  AS.TBUSINESS: Business (AST)
  AS.OTCOMPSCIENCE: Computer Science (ASOT)
  AAS.ELECTRONENGTECH: Electronics Engineering Technology
  AA.OREGONTRANSFER: Associate of Arts Oregon Transfer (AAOT)
  AA.OTELEMED: Elementary Education (AAOT)
  AS.PSUENGLISH: AS, English, PSU
  AGS.GENERAL: Associate of General Studies

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix	ASL - American Sign Language
Course Number	201
Department	World Languages
Division	Arts and Sciences
Course Title	Second-Year American Sign Language I

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	44.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	

Community
Education/Adult

Total   <u>44</u>

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

<u>Yes</u>

Course Description

Review and expansion of American Sign Language vocabulary and structure in order to perfect expressive skill. Emphasizes active communication in sign language.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies
Elective Only

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites
ASL-103 with a C or better

Corequisites

Prerequisites or Corequisites

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Fall

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

No

Are you going to seek General Education Certification after course approval?

Yes

General Education Outcome(s)

Arts & Letters

Cultural Literacy

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	spontaneously apply language and engage in ASL conversations by creatively combining learned material; (AL1)
2	demonstrate the formation/execution of finger-spelling and individual signs along with appropriate non-manual signs and behaviors, contrastive structure, and role-shifting during scheduled demonstrations and in-class conversations;
3	demonstrate in conversations and on quizzes/tests the ability to read signs and finger-spelling, accompanied by appropriate body language and facial expressions, as executed by other students and the instructor;
4	critically analyze values, beliefs, history and culture of the deaf as revealed through the use of complex communicative exchanges which permit heavy reliance on learned signs and classifiers; (AL2)(CL1)
5	using a base vocabulary of at least 500 signs, apply interpreted and reverse-interpreted sign sequences of a given song/story to new situations and be able to

	Upon successful completion of this course, students should be able to:
	identify and analyze the concepts applicable to the respective situations; (AL2) (CL1)
6	demonstrate appropriate skill in reading signs and finger spelling accompanied by appropriate body language and facial expressions executed by other students and the instructor in conversations and quizzes/tests.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

Locate, evaluate, and ethically utilize information to communicate effectively.

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

AL: Arts and Letters Outcomes

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

Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination
Presentations

Major Topic Outline
1. locating things around the house 2. describing and identifying things 3. vocabulary reviews 4. classifiers 5. idioms 6. reference points 7. fact sheet translation and presentation project 8. translate/interpret figurative/idiomatic English phrases into ASL 9. partner song project

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)
  ASL 201 (PSU, SOU, WOU) ASL 211 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                        PSU - Portland State University

Comparable
course(s)
  ASL 201 (PSU, SOU, WOU) ASL 211 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                        SOU - Southern Oregon University

Comparable
course(s)
  ASL 201 (PSU, SOU, WOU) ASL 211 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                        WOU - Western Oregon University

Comparable
course(s)
  ASL 201 (PSU, SOU, WOU) ASL 211 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

Please attach documentation

Reviewer Comments

Key: 270

Course Change Request

Date Submitted: 03/11/24 12:29 pm

Viewing: **ASL-203 : Second-Year American Sign Language III**

Last edit: 03/13/24 7:35 am
Changes proposed by: Amy Ellis (amy.ellis)

Catalog Pages
referencing this
course
  American Sign Language (ASL)

Programs
referencing this
course
  AAS.MICROSYSTECH: Microelectronics Systems Technology
  AS.PSUMUSIC: AS, Music, PSU
  AS.TBIOLOGY: Biology (AST)
  NA.OTM: Oregon Transfer Module
  AS.OTBUSINESS: Business (ASOT)
  AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science (AST)
  AS.TBUSINESS: Business (AST)
  AS.OTCOMPSCIENCE: Computer Science (ASOT)
  AAS.ELECTRONENGTECH: Electronics Engineering Technology
  AA.OREGONTRANSFER: Associate of Arts Oregon Transfer (AAOT)
  AA.OTELEMED: Elementary Education (AAOT)
  AS.PSUENGLISH: AS, English, PSU
  AGS.GENERAL: Associate of General Studies
  AA.ENGLIT: English Literature (AAT)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix   ASL - American Sign Language

Course Number   203

Department   World Languages

Division   Arts and Sciences

Course Title   Second-Year American Sign Language III

Grading

Grade Scheme   Standard (STND)

Credit Type   Credit Course

Allow Pass/No Pass   Yes

Only Pass/No Pass   No

Audit   Yes

Min Credit   4.00

Variable Credit   No

Contact hours

Lecture   44.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total   <u>44</u>

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit
in combination of in-class and out-of-class activity.

<u>Yes</u>

Course Description

Continuation of ASL-202. Emphasizes active communication in sign language. Increased
emphasis on exploring, analyzing the rules, discussing, developing, and presenting literature
and poetry in sign language.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies
Elective Only

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites
ASL-202 with a C or better

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Spring

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

No

Are you going to seek General Education Certification after course approval?

Yes

General Education Outcome(s)

Arts & Letters

Cultural Literacy

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	spontaneously apply language and engage others in ASL conversations by creatively combining learned material; (AL1)
2	critically analyze values, beliefs, history and culture of the deaf as revealed through the use of complex communicative exchanges which permit heavy reliance on learned signs using reference points and idiomatic expressions; (AL2)(CL1)
3	apply interpreted and reverse interpreted sign sequences of a given story or to new situations with a base vocabulary of at least 500 additional signs in order to identify and analyze the concepts applicable to a scenario; (AL2)(CL1)
4	demonstrate line-by-line translation of English into written ASL by means of textual glossing;
5	present a signed interpretation of a poem;

	Upon successful completion of this course, students should be able to:
6	demonstrate consecutive and simultaneous interpretation of simple discourse;
7	demonstrate general strategies for interpretation, including semantic and syntactic circumlocution;
8	discuss current ethical issues involved in interpretation.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

Locate, evaluate, and ethically utilize information to communicate effectively.

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

AL: Arts and Letters Outcomes

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

Critically analyze values and ethics within range of human experience and expression to engage more fully in local and global issues.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Presentations

Major Topic Outline

1. deaf culture—values, beliefs, and history 2. idioms 3. interpreted and reverse-interpreted sign sequences 4. translation and textual glossing 5. poetry 6. types of interpretation 7. strategies for interpretation 8. ethical issues involved in interpretation

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)
  ASL 203 (PSU, SOU, WOU) ASL 213 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                    PSU - Portland State University

Comparable
course(s)
  ASL 203 (PSU, SOU, WOU) ASL 213 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                    SOU - Southern Oregon University

Comparable
course(s)
  ASL 203 (PSU, SOU, WOU) ASL 213 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

OUS school to which the course will transfer

                    WOU - Western Oregon University

Comparable
course(s)
  ASL 203 (PSU, SOU, WOU) ASL 213 (OSU)

How does it transfer?

  general education or distribution requirement
  general elective

Evidence of transferability

  Other. Please explain.

Explanation of other evidence of transferability

  Course Transferability web site

Please attach documentation

Reviewer Comments

Key: 272

Course Change Request

Date Submitted: 02/22/24 12:19 pm

Viewing: **HE-280 : Health/CWE**

Last approved: 02/21/24 3:47 am

Last edit: 02/22/24 12:19 pm

Changes proposed by: Tracy Nelson (tracyn)

Catalog Pages
referencing this
course
  Health (HE)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Approval Path

1. 02/22/24 12:21 pm Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 02/28/24 3:45 pm Tracy Nelson (tracyn): Approved for DAFC Curriculum Committee Outline Review Team

History

1. Jun 8, 2023 by Megan Feagles (megan.feagles)
2. Feb 21, 2024 by Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

Yes

Course Prefix	HE - Health
Course Number	280
Department	Health/Physical Education/Athletics
Division	Academic Foundations and Connections (AFAC)
Course Title	Health/CWE

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	2.00
Variable Credit	Yes
Max Credit	6.00
Variable Credit Increment	1

Contact hours

Lecture	
Lec/Lab	
Lab	
Activity	
Clinical	
Field	216.00

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total   216

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

Course Description

Cooperative work experience. Provides students with on-the-job experience and training related to the Physical Education field. Covers job problems and procedures, evaluation of students' job performance by qualified college staff and site supervision. Variable Credit: 2-6 credits. May be repeated for up to 12 credits. Required: Student Petition.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

Yes

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

Course Requisites

Required

Prerequisites

Corequisites
CWE-281

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?
Yes

Show course in   Print in Schedule
Schedule

Hide course in catalog
No

When do you plan to offer this course?

Summer/Fall/Winter/Spring

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction   Physical Education/Health/Safety/First Aid
Area

Are you going to seek General Education Certification after course approval?

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

PE-280 - Physical Education/CWE

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	apply academic knowledge, skills, and abilities to a work environment specific to their program of study;
2	demonstrate appropriate work habits (time management, interpersonal relationships, attendance, professional appearance, and problem solving) for their

	Upon successful completion of this course, students should be able to:
	work environment;
3	apply career management strategies such as interviewing, resume writing, networking, and portfolio development.

Major Topic Outline

1. Find a place to complete the CWE 2. Hands on experience in a particular career field 3. Shadow and work closely with a supervisor 4. Gain valuable insight to the preferred career field

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

Please attach documentation

Reviewer Comments

Program	Implementation
Horticulture AAS	2024/SU
Landscape Management AAS	2024/SU
Landscape Management AAS, Arboriculture Option	2024/SU

Program Change Request

Date Submitted: 03/05/24 2:34 pm

Viewing: **AAS.HORT1 : Horticulture**

Last approved: 02/16/24 8:53 am

Last edit: 03/05/24 2:34 pm

Changes proposed by: April Chastain (april.chastain)

Catalog Pages Using
this Program

[Horticulture, AAS](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

(megan.feagles)

5. Feb 14, 2023 by
   Megan Feagles
   (megan.feagles)
6. Apr 18, 2023 by
   Megan Feagles
   (megan.feagles)
7. Jun 5, 2023 by
   Megan Feagles
   (megan.feagles)
8. Jun 5, 2023 by
   Megan Feagles
   (megan.feagles)
9. Oct 30, 2023 by
   Megan Feagles
   (megan.feagles)
10. Feb 16, 2024 by
    April Chastain
    (april.chastain)

Program Overview

Name of Proposed Program

  Horticulture

Program Code   AAS.HORT1

Award (CCWD)
  AAS Degree (90-108 credits) (AAS)

Type of Program   Associate of Applied Science (AAS)
(CCC)

Educational Focus   Natural Resources
Area

Effective Catalog   2024-2025
Edition

Career Area   Agriculture, Food & Natural Resources
                      Systems

Department   Horticulture

Division   Arts and Sciences

Other locations (institutions) this Program will be offered		
CIP Code	01.0601 - Applied Horticulture/Horticulture Operations, General.	

Program Award Information

Program Learning Outcomes (PLOs)

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

demonstrate a broad range of skills in the production and maintenance of plants, including: safe use of tools and equipment, propagation from seeds and cuttings, landscape maintenance activities, growing in a greenhouse environment, and vegetable bed preparation;

identify common woody plants in the landscape;

recognize and evaluate key pests and propose solutions based on IPM strategies;

use a basic understanding of plant biology and soil science to make sound decisions in the production and maintenance of plants;

display effective decision making, time management and project management skills in the horticulture industry;

communicate effectively with co-workers and customers through speaking, writing and computer technology.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
HOR-111	Horticulture Practicum/Fall	2
HOR-115	Horticulture Safety	1
HOR-223	Applied Plant Science	4
HOR-226	Plant Identification/Fall	4
Select one of the following:		4-5
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
Higher Level Math or Statistics		
	Credits	15-16

Winter Term		
FYE-101	First Year Experience Level I	2
HOR-133	Horticulture Practicum/Winter	2
HOR-216	Integrated Pest Management	3

HOR-222	Horticultural Computer Applications	2
HOR-227	Plant Identification/Winter	4
HOR-230	Equipment Operation & Maintenance	2
	Credits	15
Spring Term		
HOR-112	Horticulture Career Exploration	2
HOR-120	Pesticide Laws & Safety	1
HOR-140	Soils	3
HOR-143	Horticulture Practicum/Spring	2
HOR-228	Plant Identification/Spring	4
WR-101	Workplace Writing	4
or WR-121Z	or Composition I	
	Credits	16
Summer Term		
HOR-281	Horticulture/CWE	6
or HOR-280 *and* HOR-282	or Horticulture/CWE *and* Horticulture/CWE	
	Credits	6
Second Year		
Fall Term		
BA-285	Human Relations in Business	4
or COMM-100Z	or Introduction to Communication	
HOR-118	Spanish for Horticulture	4
HOR-235	Weed Identification	2
or HOR-236	or Insect Identification	
Production and Management Focus Area courses		2-3
Electives		3
	Credits	15-16
Winter Term		
BA-119	Project Management Practices	2
HOR-231	Irrigation Design	3
HOR-237	Disease Identification	2
Production and Management Focus Area courses		3
Electives		6
	Credits	16
Spring Term		
BA-207	Prepping for Business Success	4
HOR-240	Irrigation Practices	3
Production and Management Focus Area courses		2-4
Electives		5
	Credits	14-16
	Total Credits	97-101

Production and Management Focus Area

Arboriculture

HOR-262	Treework Practicum I	2
HOR-131	Tree & Shrub Pruning	3
HOR-261	Tree Diagnostics	2

Greenhouse/Nursery

HOR-130	Plant Propagation Techniques	3
HOR-122	Greenhouse I	3
HOR-142	Greenhouse II	3

Landscape

HOR-224	Landscape Installation	3
HOR-131	Tree & Shrub Pruning	3
HOR-123	Landscape Maintenance	3

Organic Farming

HOR-113	Organic Farming Practicum/Fall	3
HOR-136	Organic Farming Practicum/Winter	3
HOR-141	Organic Farming Practicum/Spring	4

Electives

Summer

HOR-146	Fruit & Berry Growing	3
HOR-211	Native Plant Identification	1
HOR-284	Organic Farming Practicum/Summer	3

Fall

HOR-113	Organic Farming Practicum/Fall	3
HOR-124	Food Harvest	3
HOR-130	Plant Propagation Techniques	3
HOR-212	Flower Arranger's Garden	2
HOR-224	Landscape Installation	3
HOR-225	Arboriculture I	3
HOR-235	Weed Identification	2
HOR-236	Insect Identification	2
HOR-252	Kitchen Herbs	1
HOR-262	Treework Practicum I	2

Winter

HOR-122	Greenhouse I	3
HOR-131	Tree & Shrub Pruning	3
HOR-136	Organic Farming Practicum/Winter	3
HOR-229	Introduction to Landscape Design	3
HOR-239	Tree Climber Training	1

HOR-251	Herbal Products	1
HOR-260	Arboriculture II	3
HOR-290	Special Topics in Horticulture	1

Spring

HOR-123	Landscape Maintenance	3
HOR-135	Propagation of Edible Plants	3
HOR-141	Organic Farming Practicum/Spring	4
HOR-142	Greenhouse II	3
HOR-213	Computer-Aided Landscape Design	3
HOR-215	Herbaceous Perennials	3
HOR-234	Advanced Landscape Design	3
HOR-244	Ecological Landscape Design	3
HOR-246	Organic Gardening	2
HOR-249	Landscape Bidding and Estimating	1
HOR-250	Organic Herb Growing	1
HOR-261	Tree Diagnostics	2
HOR-263	Plant Health Care Practicum	2

Multiple Terms

BA-223	Principles of Marketing	4
HOR-281	Horticulture/CWE	6
or HOR-280	Horticulture/CWE	
& HOR-282	and Horticulture/CWE	
WET-109	Backflow Assembly Operation and Testing	4

Reviewer

Comments

Program Change Request

Date Submitted: 03/06/24 10:31 am

Viewing: **AAS.LANDSCAPEMGMT : Landscape Management**

Last approved: 03/05/24 1:42 pm

Last edit: 03/06/24 10:31 am

Changes proposed by: April Chastain (april.chastain)

Catalog Pages Using
this Program
[Landscape Management, AAS](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

Approval Path

1. 03/06/24 10:37 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/06/24 10:49 am April Chastain (april.chastain): Approved for HORT Chair
3. 03/06/24 11:43 am Sue Goff (sue.goff): Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Jan 17, 2023 by Megan Feagles (megan.feagles)
4. Feb 6, 2023 by Megan Feagles

Program Overview

Name of Proposed Program

Landscape Management

Program Code   AAS.LANDSCAPEMGMT

Award (CCWD)
  AAS Degree (90-108 credits) (AAS)

Type of Program   Associate of Applied Science (AAS)
(CCC)

Educational Focus   Natural Resources
Area

Effective Catalog   2024-2025
Edition

Career Area   Agriculture, Food & Natural Resources
                      Systems

Department   Horticulture

Division   Arts and Sciences

Other locations (institutions) this Program will be offered	
CIP Code	01.0605 - Landscaping and Groundskeeping.

Program Award Information

Program Learning Outcomes (PLOs)

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

demonstrate competency in sustainable landscape maintenance and installation activities, including: safe use of tools and equipment, operation of irrigation systems, pruning and training techniques, turf maintenance, hardscape installation and reading/installing from a design plan;

identify common woody and herbaceous plants in the landscape;

recognize and evaluate key pests in the landscape and propose solutions based on integrated pest management (IPM) strategies;

use a basic understanding of plant biology and soil science to make sound decisions in the design and maintenance of landscapes;

display effective decision making, time management and project management skills in the landscape industry environment;

effectively communicate with co-workers and customers through speaking, writing and computer technology.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
HOR-111	Horticulture Practicum/Fall	2
HOR-115	Horticulture Safety	1
HOR-223	Applied Plant Science	4
HOR-226	Plant Identification/Fall	4
Select one of the following:		4-5
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
Higher Level Math or Statistics		
	Credits	15-16

Winter Term		
FYE-101	First Year Experience Level I	2
HOR-131	Tree & Shrub Pruning	3

HOR-133	Horticulture Practicum/Winter	2
HOR-216	Integrated Pest Management	3
HOR-222	Horticultural Computer Applications	2
HOR-227	Plant Identification/Winter	4
	Credits	16

Spring Term

BA-285	Human Relations in Business	4
or COMM-100Z	or Introduction to Communication	
HOR-120	Pesticide Laws & Safety	1
HOR-140	Soils	3
HOR-143	Horticulture Practicum/Spring	2
HOR-215	Herbaceous Perennials	3
HOR-228	Plant Identification/Spring	4
	Credits	17

Summer Term

HOR-281	Horticulture/CWE	6
or HOR-280 *and* HOR-282	or Horticulture/CWE *and* Horticulture/CWE	
	Credits	6

Second Year

Fall Term

HOR-118	Spanish for Horticulture	4
HOR-224	Landscape Installation	3
HOR-235	Weed Identification	2
or HOR-236	or Insect Identification	
WR-101	Workplace Writing	4
or WR-121Z	or Composition I	
	Credits	13

Winter Term

BA-119	Project Management Practices	2
HOR-229	Introduction to Landscape Design	3
HOR-230	Equipment Operation & Maintenance	2
HOR-231	Irrigation Design	3
HOR-237	Disease Identification	2
Electives		3
	Credits	15

Spring Term

BA-207	Prepping for Business Success	4
HOR-123	Landscape Maintenance	3
HOR-240	Irrigation Practices	3
HOR-249	Landscape Bidding and Estimating	1
Electives		3

Credits	14
Total Credits	96-97

Electives

Summer

HOR-146 Fruit & Berry Growing	3
HOR-211 Native Plant Identification	1

Fall

HOR-225 Arboriculture I	3

Winter

CDT-103 Computer-Aided Drafting I	3
HOR-239 Tree Climber Training	1
HOR-260 Arboriculture II	3
HOR-290 Special Topics in Horticulture	1

Spring

HOR-213 Computer-Aided Landscape Design	3
HOR-234 Advanced Landscape Design	3
HOR-244 Ecological Landscape Design	3
HOR-246 Organic Gardening	2
HOR-261 Tree Diagnostics	2

Multiple Terms

BA-223 Principles of Marketing	4
WET-109 Backflow Assembly Operation and Testing	4

Reviewer
Comments

Program Change Request

Date Submitted: 03/05/24 2:34 pm

Viewing: **AAS.LANDMGMTARBOR : Landscape Management AAS, Arboriculture Option**

Last approved: 02/16/24 8:53 am

Last edit: 03/05/24 2:34 pm

Changes proposed by: April Chastain (april.chastain)

Catalog Pages Using
this Program
   Landscape Management, Arboriculture Option, AAS

Change Type

College Council Review
                    No

Program Contact Information

Are you the Faculty Contact Person?
                    Yes

Approval Path

1. 03/06/24 7:57 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/06/24 10:27 am April Chastain (april.chastain): Approved for HORT Chair
3. 03/06/24 11:43 am Sue Goff (sue.goff): Approved for DASC Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Jan 17, 2023 by Megan Feagles (megan.feagles)
4. Feb 6, 2023 by Megan Feagles

Program Overview

Name of Proposed Program

Landscape Management AAS, Arboriculture Option

Program Code   AAS.LANDMGMTARBOR

Award (CCWD)
AAS Degree Option (90-108 credits) (AASO)

Parent Program
AAS.LANDSCAPEMGMT

Type of Program   Associate of Applied Science (AAS)
(CCC)

Educational Focus   Natural Resources
Area

Effective Catalog   2024-2025
Edition

Career Area   Agriculture, Food & Natural Resources
Systems

Department   Horticulture

Division   Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code   01.0605 - Landscaping and Groundskeeping.

Program Award Information

Program Learning Outcomes (PLOs)

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

demonstrate competency with the use of standard arboriculture equipment, including: climbing gear, chainsaw, chipper, hydraulic sprayer, truck and trailer;

identify common woody and herbaceous plants in the landscape;

recognize and identify key biotic and abiotic disorders in trees;

perform site assessments, including: plant health inspections of key plants, hazard tree identification, and water audit interpretations;

effectively communicate with co-workers and customers through speaking, report writing and computer technology.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
FYE-101	First Year Experience Level I	2
HE-252	First Aid/CPR/AED [1]	3
HOR-115	Horticulture Safety	1
HOR-223	Applied Plant Science	4
HOR-226	Plant Identification/Fall	4
HOR-236	Insect Identification	2
	Credits	16
Winter Term		
HOR-131	Tree & Shrub Pruning	3
HOR-216	Integrated Pest Management	3
HOR-222	Horticultural Computer Applications	2
HOR-227	Plant Identification/Winter	4
HOR-230	Equipment Operation & Maintenance	2
HOR-239	Tree Climber Training	1
	Credits	15
Spring Term		

BA-285	Human Relations in Business	4
or COMM-100Z	or Introduction to Communication	
HOR-120	Pesticide Laws & Safety	1
HOR-140	Soils	3
HOR-228	Plant Identification/Spring	4
WR-101	Workplace Writing	4
or WR-121Z	or Composition I	
	Credits	16
Summer Term		
HOR-211	Native Plant Identification	1
HOR-280	Horticulture/CWE	3
	Credits	4
Second Year		
Fall Term		
HOR-225	Arboriculture I	3
HOR-262	Treework Practicum I	2
Select one of the following:		4-5
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
Higher Level Math or Statistics		
Electives		3
	Credits	12-13
Winter Term		
BA-119	Project Management Practices	2
HOR-229	Introduction to Landscape Design	3
HOR-237	Disease Identification	2
HOR-260	Arboriculture II	3
Electives		3
	Credits	13
Spring Term		
HOR-123	Landscape Maintenance	3
HOR-215	Herbaceous Perennials	3
HOR-261	Tree Diagnostics	2
HOR-263	Plant Health Care Practicum	2
HOR-282	Horticulture/CWE	3
Electives		3
	Credits	16
Summer Term		
HOR-281	Horticulture/CWE	6
	Credits	6
	Total Credits	98-99

1

May be waived with current CPR certification

Electives

Summer

HOR-146	Fruit & Berry Growing	3

Fall

HOR-118	Spanish for Horticulture	4
HOR-224	Landscape Installation	3
HOR-235	Weed Identification	2
HOR-264	Treework Practicum II (Aerial)	2

Winter

HOR-231	Irrigation Design	3
HOR-290	Special Topics in Horticulture	1

Spring

BA-207	Prepping for Business Success	4
HOR-240	Irrigation Practices	3
HOR-244	Ecological Landscape Design	3
HOR-249	Landscape Bidding and Estimating	1

Reviewer
Comments

Key: 109

Related Instruction

Course Number	Title	Related Instruction Area
COMM-111Z	Public Speaking	Human Relations

COMM-111Z: PUBLIC SPEAKING

History

1. Jun 6, 2023 by Megan Feagles (megan.feagles)
2. Mar 12, 2024 by Megan Feagles (megan.feagles)

Viewing: COMM-111Z : Public Speaking
Last approved: Tue, 12 Mar 2024 10:41:56 GMT
Last edit: Mon, 11 Mar 2024 12:12:14 GMT

Course Prefix
COMM - Communication Studies

Course Number
111Z

Department
Communications and Theatre Arts

Division
Arts and Sciences

Course Title
Public Speaking

Grading

Grade Scheme
Standard (STND)

Credit Type
Credit Course

Allow Pass/No Pass
Yes

Only Pass/No Pass
No

Audit
Yes

Min Credit
4.00

Variable Credit
No

Contact hours

Lecture
44.00

Total
44

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

Type of Course (ACTI Code)
100 - Lower Division Collegiate

Select at least one of the following:
Discipline Studies

Is this class challengeable?
Yes

Can this course be repeated for credit in a degree?
No

Course Requisites

Required

Prerequisites
WRD-098 or placement in WR-121Z

Recommended

Non-Course Requisites

Is Student Petition required?
No

Show course in Schedule
Print in Schedule

Hide course in catalog
No

When do you plan to offer this course?
Summer/Fall/Winter/Spring

Will this class use library resources?
Yes

Have you talked with a librarian regarding that impact?
No

Course Certifications

Is this a Related Instruction course?
Yes

Related Instruction Area
Human Relations

Are you going to seek General Education Certification after course approval?
No

General Education Outcome(s)
Oral Communication/Speech

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	develop messages for diverse audiences, purposes, and contexts; (CCN)
2	identify and utilize skills to manage communication apprehension; (CCN)
3	deliver and adapt speeches and/or presentations to live audiences; (CCN)
4	evaluate public speeches, including their own, by identifying aspects of preparation, credibility, logic, and delivery; (CCN)

5   critically analyze values and ethics in the communication process to engage more fully with a range of human experiences and expressions to accomplish goals related to local and global issues.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

Locate, evaluate, and ethically utilize information to communicate effectively.
C

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.
C

Respond to the needs of diverse audiences and contexts.
C

Build and manage relationships.
C

Outcome Assessment Strategies

Outcomes Assessment Strategies
Checklist
General Examination
Pre-Post Assessment
Presentations
Rubrics
Thesis/Research Project
Writing Assignments
Other Assessment Tools

Other Assessment Tools
Outlines

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

Green Course Management

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

Increased Energy Efficiency
No

Produce Renewable Energy
No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course

0

Course Transferability

OUS school to which the course will transfer

EOU - Eastern Oregon University

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

OIT - Oregon Institute of Technology

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

OSU - Oregon State University

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

PSU - Portland State University

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

UO - University of Oregon

Comparable course(s)

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

How does it transfer?

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

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable course(s)

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

How does it transfer?

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

Key: 4235

Course Number	Title	Implementation
COMM-100BL	Introduction to Communication - Bilingual	2024/SP
COMM-100ES	Introducción a la Comunicación	2024/SP

Course Change Request

New Course Proposal

Date Submitted: 03/10/24 11:24 am

Viewing: **COMM-100BL : Introduction to Communication - Bilingual**

Last edit: 03/11/24 7:23 am

Changes proposed by: Kerrie Hughes (kerrieh)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix	COMM - Communication Studies
Course Number	100BL
Department	Communications and Theatre Arts
Division	Arts and Sciences
Course Title	

Introduction to Communication - Bilingual

Committee Outline
Review Team
6. 03/15/24 6:21 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	44.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	

Total   44

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit
in combination of in-class and out-of-class activity.

  Yes

Course Description

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

Type of Course (ACTI Code)

                100 - Lower Division Collegiate

Select at least one of the following:
                Elective Only

Reason for the Proposal

  Need for current student population and to help students finish the Initial Welding Certificate.

Is this class challengeable?

                No

Can this course be repeated for credit in a degree?

  No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Summer/Fall/Winter/Spring

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction Area   Human Relations

Are you going to seek General Education Certification after course approval?

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	explain the ways communication is impacted by ethics, language, nonverbal behaviors, perception, culture, and contexts; (CCN)
2	identify communication theories, perspectives, principles, and concepts; (CCN)
3	explore different areas of communication to develop a broad base of skills and communicative tools when interacting with others; (CCN)
4	articulate the importance of communication expertise in career development and civic engagement; (CCN)
5	engage in ethical communication processes that accomplish goals.

Major Topic Outline

1. Elements of the Communication Process. 2. Influence of self-concept. 3. Influence of culture and co-culture. 4. Types of communication. 5. Basic presentation skills 6. Effective verbal and nonverbal communication. 7. The Perceptual Process 8. Listening strategies. 9. Creating and

maintaining relationships. 10. Ethical communication. 11. Awareness and Disclosure. 12. Communicating emotions. 13. Small group roles and rules. 14. Leadership styles. 15. Conflict response. 16. Computer-mediated communication (e-mail, social/professional networks, etc.). 17. Interviewing techniques for professional purposes.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

OUS school to which the course will transfer

OIT - Oregon Institute of Technology

Comparable
course(s)
  Comm-100 or Comm Lower Division Transfer

How does it transfer?

  general elective

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

Comm-100 or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable
course(s)

Comm-100 or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Comm-100 or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Comm-100 or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

Please attach documentation

Reviewer Comments

Course Change Request

New Course Proposal

Date Submitted: 03/10/24 11:25 am

Viewing: **COMM-100ES : Introducción a la Comunicación**

Last edit: 03/14/24 7:54 am

Changes proposed by: Kerrie Hughes (kerrieh)

Is Topic Shell Course?

Are you the Faculty Contact Person?

                Yes

Course Prefix	COMM - Communication Studies
Course Number	100ES
Department	Communications and Theatre Arts
Division	Arts and Sciences
Course Title	

  Introducción a la Comunicación

Committee Outline
Review Team
6. 03/14/24 7:32 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	Yes
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	44.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	

Total   44

Proposed Effective   Spring 2024
Term

I acknowledge that this course, for the average student, will be a time commitment of 3 hours per week per credit in combination of in-class and out-of-class activity.

  Yes

Course Description

  COMM-100ES es un curso de encuesta que ofrece una visión general de la disciplina de la
  comunicación que enfatiza el desarrollo de las mejores prácticas de comunicación en diferentes
  contextos.

Type of Course (ACTI Code)

                    100 - Lower Division Collegiate

Select at least one of the following:
                    Elective Only

Reason for the Proposal

  Need for current student population and to help students finish the Initial Welding Certificate.

Is this class challengeable?
                    No

Can this course be repeated for credit in a degree?

  No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Summer/Fall/Winter/Spring

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction Area   Human Relations

Are you going to seek General Education Certification after course approval?

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	explicar las formas en que la comunicación se ve afectada por la ética, el lenguaje, los comportamientos no verbales, la percepción, la cultura y los contextos; (CCN)
2	identificar teorías, perspectivas, principios y conceptos de la comunicación; (CCN)
3	explorar diferentes áreas de la comunicación para desarrollar una amplia base de habilidades y herramientas comunicativas al interactuar con los demás; (CCN)
4	articular la importancia de la experiencia en comunicación en el desarrollo profesional y el compromiso cívico; (CCN)
5	participar en procesos de comunicación ética que logren los objetivos.

Major Topic Outline
   1. Elementos del proceso de comunicación.
   2. Influencia del autoconcepto.
   3. Influencia de la cultura y la cocultura.

4. Tipos de comunicación.

5. Habilidades básicas de presentación

6. Comunicación verbal y no verbal efectiva.

7. El proceso perceptivo

8. Estrategias de escucha.

9. Crear y mantener relaciones.

10. Comunicación ética.

11. Conocimiento y divulgación.

12. Comunicar emociones.

13. Roles y reglas de grupos pequeños.

14. Estilos de liderazgo.

15. Respuesta al conflicto.

16. Comunicación mediada por ordenador (correo electrónico, redes sociales/profesionales, etc.).

17. Técnicas de entrevista con fines profesionales.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course   0

Course Transferability

OUS school to which the course will transfer

OIT - Oregon Institute of Technology

Comparable
course(s)

Comm-100, Comm100Z or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

Comm-100 , Comm100Z or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable
course(s)

Comm-100, Comm100Z or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Comm-100, Comm100Z, or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Comm-100, Comm100Z, or Comm Lower Division Transfer

How does it transfer?

general elective

Evidence of transferability

Please attach documentation

Reviewer Comments

Program Amendments

Program	Implementation
Electronics Engineering Technology AAS	2024/SU
Electronics Engineering Technology CC	2024/SU
Microelectronics Systems Technology AAS	2024/SU
Microelectronics Systems Technology CC	2024/SU

Program Change Request

Date Submitted: 03/06/24 9:03 pm

Viewing: **AAS.ELECTRONENGTECH : Electronics Engineering Technology**

Last approved: 02/16/24 8:41 am

Last edit: 03/14/24 10:42 am

Changes proposed by: Michael Farrell (mike.farrell)

Catalog Pages Using
this Program
   Electronics Engineering Technology, AAS

Change Type

College Council Review

   No

Program Contact Information

Are you the Faculty Contact Person?

   Yes

Approval Path

1. 03/07/24 7:11 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/07/24 10:39 am Mike Mattson (mattsonm): Approved for IDTD Chair
3. 03/07/24 3:29 pm Armetta Burney (armetta.burney): Approved for DTPS Dean
4. 03/08/24 9:01 am Megan Feagles (megan.feagles): Approved for Curriculum Office

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles

Program Overview

Name of Proposed Program

Electronics Engineering Technology

Program Code   AAS.ELECTRONENGTECH

Award (CCWD)
  AAS Degree (90-108 credits) (AAS)

Type of Program   Associate of Applied Science (AAS)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                     Services (TAPS)

Other locations (institutions) this Program will be offered

	CIP Code	15.0303 - Electrical, Electronic and Communications Engineering Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

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

	Outcome(s)
1	communicate critical information about electronic systems using verbal, written, or graphical means;
2	troubleshoot electrical and electronic systems;
3	analyze electronic systems;
4	install or build electronic and electromechanical systems;
5	use proper electrical test equipment to test and maintain electronic and electrical components and equipment;
6	demonstrate safe work habits around electricity and electronic equipment.

Proposed Curriculum

Plan of Study Grid

First Year

First Term		Credits
EET-112	Electronic Equipment and Assembly I	1
EET-137	Electrical Fundamentals I	4
EET-139	Principles of Troubleshooting I	2
EET-157	Digital Logic I	3
SM-150	Semiconductor Processing I	2
WR-121Z	Composition I	4
	Credits	16

Second Term		
COMM-111Z	Public Speaking	4
EET-113	Electronic Equipment and Assembly II	1
EET-141	Electrical Fundamentals II	4
EET-257	Digital Logic II	3

IMT-120	Industrial Machinery I	3
~~Human Relations requirement~~		~~3~~
~~PSY-101~~	~~Human Relations (Recommended)~~	
	Credits	15

Third Term

EET-114	Electronic Equipment and Assembly III	1
EET-142	Electrical Fundamentals III	4
EET-254	Introduction to Microcontrollers	3
HD-209	Job Search Skills	2
IMT-223	Instrumentation & Controls	3
MTH-111Z	Precalculus I: Functions	4
	Credits	17

Second Year

Fourth Term

EET-127	Semiconductor Circuits I	2
EET-215	Technical Mechanics	3
EET-239	Principles of Troubleshooting II	2
MFG-107	Industrial Safety & First Aid	3
MTH-112Z	Precalculus II: Trigonometry	4
Cultural Literacy Electives		4
	Credits	18

Fifth Term

Select one of the following:		3
CDT-103	Computer-Aided Drafting I	
CDT-108A	Introduction to SolidWorks	
CDT-223	Inventor Fundamentals	
EET-225	Mechatronics I	2
EET-227	Semiconductor Circuits II	3
EET-233	Programmable Logic Controllers I	3
MFG-209	Programming & Automation for Manufacturing	3
Electives		3
	Credits	17

Sixth Term

EET-234	Programmable Logic Controllers II	3
EET-235	Mechatronics II	2
EET-250	Linear Circuits	3
Electives		3
Cultural Literacy Electives		4
	Credits	15
	Total Credits	98

Electives

Any CDT, EET, IMT, MET, MFG, RET, SM, WET, or WLD course not included in the program.

Recommended Electives

CS-140	Introduction to Operating Systems	4
CS-161	Computer Science I	4
MFG-140	Principles of Fluid Power	3
MFG-219	Robotics	3
MTH-251	Calculus I [2]	5
MTH-252	Calculus II [2]	5
PH-211	General Physics With Calculus [2]	5
PH-212	General Physics With Calculus [2]	5
PH-213	General Physics With Calculus [2]	5
SM-160	Semiconductor Processing II [1]	2
SM-170	Semiconductor Processing III [1]	2
WR-227Z	Technical Writing	4

[1]
These two courses can be applied to the Microelectronics Systems Technology Certificate

[2]
Recommended for students who plan to transfer to Oregon Tech. Oregon Tech will also accept PH-201 General Physics, PH-202 General Physics, and PH-203 General Physics. Students should contact Oregon Tech about transferability of these classes.

Cultural Literacy Electives

ANT-102	Archaeology & Prehistory	4
ANT-103	Cultural Anthropology	4
ANT-232	Native Americans of North America	4
ART-204	History of Art/Ancient Through Medieval	4
ART-205	History of Art/Romanesque Through Baroque	4
ART-206	History of Art/Enlightenment Through Contemporary	4
ASL-201	Second-Year American Sign Language I	4
ASL-202	Second-Year American Sign Language II	4
ASL-203	Second-Year American Sign Language III	4
COMM-126	Introduction to Gender Communication	4
COMM-140	Introduction to Intercultural Communication	4
COMM-218Z	Interpersonal Communication	4
COMM-219	Small Group Discussion	4
ENG-107	World Literature: Ancient Through Classical Times	4
ENG-108	World Literature: Early Middle Ages through the 18th Century	4

ENG-109	World Literature: The 19th through 21st Centuries	4
ENG-213	U.S. Latinx Literature	4
ENG-240	Native American Mythology	4
ENG-241	Norse Mythology	4
ENG-243	African Mythology	4
ENG-250	Greek Mythology	4
ENG-251	Celtic Mythology	4
ENG-252	Hindu Mythology	4
ENG-261	Literature of Science Fiction	4
ENG-271	World Literature: Ancient Through Classical Times	4
ENG-272	World Literature: Early Middle Ages through the 18th Century	4
ENG-273	World Literature: the 19th Through 21st Centuries	4
ENG-295	Revolutionary Film	4
ES-101	Introduction to Ethnic Studies	4
ES-211	Introduction to Latino/a/x Studies	4
ES-221	Introduction to Black Studies	4
ES-241	Introduction to Native American Studies	4
FR-201	Second-Year French I	4
FR-202	Second-Year French II	4
FR-203	Second-Year French III	4
GEO-100	Introduction to Physical Geography	4
GEO-110	Cultural & Human Geography	4
GEO-130	Introduction to Environmental Geography	4
GEO-208	Geography of the United States & Canada	4
HST-101	History of Western Civilization	4
HST-102	History of Western Civilization	4
HST-103	History of Western Civilization	4
HST-130	Oddballs and Outcasts in Western Civilization	4
HST-131	History of Crime & Punishment in Western Civilization	4
HST-132	History of Language and the Written Word in Western Civilization	4
HST-136	History of Popular Culture, Entertainment & Sports in Western Civilization	4
HST-137	History of Science, Medicine, & Technology in Western Civilization	4
HST-138	History of Love, Marriage and the Family In Western Civilization	4
HST-201	History of the United States	4
HST-202	History of the United States	4
HST-203	History of the United States	4
HUM-235	Perspectives on Terrorism	4
HUM-237	Perspectives on Democracy and Dialogue	4
MUS-206	Music Literature: History of Rock	4
PHL-101	Philosophical Problems	4
PHL-102	Ethics	4

PHL-103	Critical Reasoning	4
PHL-205	Moral Issues	4
PHL-210	Philosophy of Religion	4
PHL-213	Asian Philosophy	4
PHL-216	Ancient Philosophy	4
PS-200	Introduction to Political Science	4
PSY-205	Introduction to Psychology: Part 2	4
PSY-219	Introduction to Abnormal Psychology	4
PSY-231	Introduction to Human Sexuality	4
R-101	Judaism and Foundations of Religion	4
R-102	Christianity and Islam	4
R-103	Asian Religions	4
R-204	History of Christianity	4
R-210	World Religions	4
R-211	History of the Old Testament	4
R-212	History of the New Testament	4
SOC-204	Introduction to Sociology	4
SOC-205	Social Stratification & Social Systems	4
SOC-206	Institutions & Social Change	4
SOC-210	Marriage, Family, & Intimate Relations	4
SOC-225	Social Problems	4
SPN-201	Second-Year Spanish I	4
SPN-202	Second-Year Spanish II	4
SPN-203	Second-Year Spanish III	4
SSC-235	Perspectives on Terrorism	4
SSC-237	Perspectives on Democracy and Dialogue	4
WR-241	Fiction Writing I	4
WR-244	Fiction Writing II	4
WS-101	Introduction to Women's Studies	4

Reviewer

Comments

Key: 68

Program Change Request

Date Submitted: 03/06/24 9:04 pm

Viewing: **CC.ELECTRONENGTECH : Electronics Engineering Technology**

Last approved: 02/16/24 8:40 am

Last edit: 03/07/24 7:08 am

Changes proposed by: Michael Farrell (mike.farrell)

Catalog Pages Using
this Program
Electronics Engineering Technology, Certificate

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

Approval Path

1. 03/07/24 7:11 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/07/24 10:39 am Mike Mattson (mattsonm): Approved for IDTD Chair
3. 03/07/24 3:29 pm Armetta Burney (armetta.burney): Approved for DTPS Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Jan 5, 2023 by Megan Feagles (megan.feagles)
3. Apr 18, 2023 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

Electronics Engineering Technology

Program Code   CC.ELECTRONENGTECH

Award (CCWD)
Certificate, Related to a Parent Program (45-60 credits) (CC1R)

Parent Program
AAS.ELECTRONENGTECH

Type of Program   Certificate of Completion (CC)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                         Services (TAPS)

Other locations (institutions) this Program will be offered

CIP Code

15.0303 - Electrical, Electronic and
Communications Engineering
Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

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

communicate critical information about electronic systems using verbal, written, or graphical means;

troubleshoot electronic systems;

analyze basic electronic systems;

install or build electronic and electromechanical systems;

use proper electrical test equipment to test and maintain electronic and electrical components and equipment;

demonstrate safe work habits around electricity and electronic equipment.

Proposed Curriculum

Plan of Study Grid

First Term		Credits
EET-112	Electronic Equipment and Assembly I	1
EET-137	Electrical Fundamentals I	4
EET-139	Principles of Troubleshooting I	2
EET-157	Digital Logic I	3
SM-150	Semiconductor Processing I	2
WR-121Z	Composition I	4
	Credits	16
Second Term		
COMM-111Z	Public Speaking	4
EET-113	Electronic Equipment and Assembly II	1
EET-141	Electrical Fundamentals II	4
EET-257	Digital Logic II	3
IMT-120	Industrial Machinery I	3
Human Relations requirement		3
PSY-101	Human Relations (Recommended)	
	Credits	15
Third Term		
EET-114	Electronic Equipment and Assembly III	1
EET-142	Electrical Fundamentals III	4

EET-254	Introduction to Microcontrollers	3
HD-209	Job Search Skills	2
IMT-223	Instrumentation & Controls	3
MTH-111Z	Precalculus I: Functions	4
	Credits	17
	Total Credits	48

Reviewer

Comments

Program Change Request

Date Submitted: 03/06/24 9:05 pm

Viewing: **AAS.MICROSYSTECH : Microelectronics Systems Technology**

Last approved: 02/16/24 8:41 am

Last edit: 03/14/24 10:46 am

Changes proposed by: Michael Farrell (mike.farrell)

Catalog Pages Using
this Program
[Microelectronics Systems Technology, AAS](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

Approval Path

1. 03/07/24 7:11 am
   Megan Feagles
   (megan.feagles):
   Approved for
   Curriculum Office
2. 03/07/24 10:39 am
   Mike Mattson
   (mattsonm):
   Approved for IDTD
   Chair
3. 03/07/24 3:29 pm
   Armetta Burney
   (armetta.burney):
   Approved for DTPS
   Dean
4. 03/08/24 9:06 am
   Megan Feagles
   (megan.feagles):
   Approved for
   Curriculum Office

History

1. Oct 6, 2022 by
   clmig-kxayasene
2. Feb 6, 2023 by
   Megan Feagles

Program Overview

Name of Proposed Program

Microelectronics Systems Technology

Program Code   AAS.MICROSYSTECH

Award (CCWD)
   AAS Degree (90-108 credits) (AAS)

Type of Program   Associate of Applied Science (AAS)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                      Services (TAPS)

Other locations (institutions) this Program will be offered

	CIP Code	15.0612 - Industrial Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

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

	Outcome(s)
1	communicate critical information about electronic systems using verbal, written, or graphical means;
2	troubleshoot electrical and electronic systems;
3	use proper electrical test equipment to test and maintain electronic and electrical components and equipment;
4	demonstrate safe work habits around electricity and electronic equipment;
5	demonstrate basic knowledge of semiconductor manufacturing and materials.

Proposed Curriculum

Plan of Study Grid

First Year

First Term		Credits
EET-112	Electronic Equipment and Assembly I	1
EET-137	Electrical Fundamentals I	4
EET-139	Principles of Troubleshooting I	2
EET-157	Digital Logic I	3
MTH-095	Algebra III	4
SM-150	Semiconductor Processing I	2
	Credits	16
Second Term		
EET-113	Electronic Equipment and Assembly II	1
EET-141	Electrical Fundamentals II	4
IMT-120	Industrial Machinery I	3
MFG-107	Industrial Safety & First Aid	3
SM-160	Semiconductor Processing II	2
WR-101	Workplace Writing [1]	4
	Credits	17
Third Term		

COMM-111Z	Public Speaking	4
EET-114	Electronic Equipment and Assembly III	1
EET-142	Electrical Fundamentals III	4
HD-209	Job Search Skills	2
IMT-223	Instrumentation & Controls	3
SM-170	Semiconductor Processing III	2
~~Human Relations requirement~~		~~3~~
~~PSY-101~~	~~Human Relations (Recommended)~~	
	Credits	16

Second Year

Fourth Term

EET-127	Semiconductor Circuits I	2
EET-215	Technical Mechanics	3
EET-239	Principles of Troubleshooting II	2
IMT-104	Reading Schematics and Symbols	2
Cultural Literacy Electives		4
Electives		3
	Credits	16

Fifth Term

EET-227	Semiconductor Circuits II	3
EET-233	Programmable Logic Controllers I	3
MFG-140	Principles of Fluid Power	3
MFG-209	Programming & Automation for Manufacturing	3
SM-136	Photolithography	2
	Credits	14

Sixth Term

EET-250	Linear Circuits	3
SM-229	Vacuum Technology	2
Cultural Literacy Electives		4
Electives		3
	Credits	12
	Total Credits	91

[1]
Substitute college transfer courses for these courses if you plan to continue your education at a higher education institution. It is recommended that you consult with a faculty advisor or a staff member in Student Services for the transfer requirements of the specific advanced program or school.

Electives

Any CDT, EET, IMT, MET, MFG, RET, SM, WET, or WLD course not included in the program.

Recommended Electives

CDT-103	Computer-Aided Drafting I	3
CS-140	Introduction to Operating Systems	4
EET-225	Mechatronics I	2
EET-234	Programmable Logic Controllers II	3
EET-235	Mechatronics II	2
EET-257	Digital Logic II	3
EET-254	Introduction to Microcontrollers	3
MFG-219	Robotics	3

Cultural Literacy Electives

ANT-102	Archaeology & Prehistory	4
ANT-103	Cultural Anthropology	4
ANT-232	Native Americans of North America	4
ART-204	History of Art/Ancient Through Medieval	4
ART-205	History of Art/Romanesque Through Baroque	4
ART-206	History of Art/Enlightenment Through Contemporary	4
ASL-201	Second-Year American Sign Language I	4
ASL-202	Second-Year American Sign Language II	4
ASL-203	Second-Year American Sign Language III	4
COMM-126	Introduction to Gender Communication	4
COMM-140	Introduction to Intercultural Communication	4
COMM-218Z	Interpersonal Communication	4
COMM-219	Small Group Discussion	4
ENG-107	World Literature: Ancient Through Classical Times	4
ENG-108	World Literature: Early Middle Ages through the 18th Century	4
ENG-109	World Literature: The 19th through 21st Centuries	4
ENG-213	U.S. Latinx Literature	4
ENG-240	Native American Mythology	4
ENG-241	Norse Mythology	4
ENG-243	African Mythology	4
ENG-250	Greek Mythology	4
ENG-251	Celtic Mythology	4
ENG-252	Hindu Mythology	4
ENG-261	Literature of Science Fiction	4
ENG-271	World Literature: Ancient Through Classical Times	4
ENG-272	World Literature: Early Middle Ages through the 18th Century	4
ENG-273	World Literature: the 19th Through 21st Centuries	4
ENG-295	Revolutionary Film	4
ES-101	Introduction to Ethnic Studies	4
ES-211	Introduction to Latino/a/x Studies	4
ES-221	Introduction to Black Studies	4

ES-241	Introduction to Native American Studies	4
FR-201	Second-Year French I	4
FR-202	Second-Year French II	4
FR-203	Second-Year French III	4
GEO-100	Introduction to Physical Geography	4
GEO-110	Cultural & Human Geography	4
GEO-130	Introduction to Environmental Geography	4
GEO-208	Geography of the United States & Canada	4
HST-101	History of Western Civilization	4
HST-102	History of Western Civilization	4
HST-103	History of Western Civilization	4
HST-130	Oddballs and Outcasts in Western Civilization	4
HST-131	History of Crime & Punishment in Western Civilization	4
HST-132	History of Language and the Written Word in Western Civilization	4
HST-136	History of Popular Culture, Entertainment & Sports in Western Civilization	4
HST-137	History of Science, Medicine, & Technology in Western Civilization	4
HST-138	History of Love, Marriage and the Family In Western Civilization	4
HST-201	History of the United States	4
HST-202	History of the United States	4
HST-203	History of the United States	4
HUM-235	Perspectives on Terrorism	4
HUM-237	Perspectives on Democracy and Dialogue	4
MUS-206	Music Literature: History of Rock	4
PHL-101	Philosophical Problems	4
PHL-102	Ethics	4
PHL-103	Critical Reasoning	4
PHL-205	Moral Issues	4
PHL-210	Philosophy of Religion	4
PHL-213	Asian Philosophy	4
PHL-216	Ancient Philosophy	4
PS-200	Introduction to Political Science	4
PSY-205	Introduction to Psychology: Part 2	4
PSY-219	Introduction to Abnormal Psychology	4
PSY-231	Introduction to Human Sexuality	4
R-101	Judaism and Foundations of Religion	4
R-102	Christianity and Islam	4
R-103	Asian Religions	4
R-204	History of Christianity	4
R-210	World Religions	4
R-211	History of the Old Testament	4
R-212	History of the New Testament	4

SOC-204	Introduction to Sociology	4
SOC-205	Social Stratification & Social Systems	4
SOC-206	Institutions & Social Change	4
SOC-210	Marriage, Family, & Intimate Relations	4
SOC-225	Social Problems	4
SPN-201	Second-Year Spanish I	4
SPN-202	Second-Year Spanish II	4
SPN-203	Second-Year Spanish III	4
SSC-235	Perspectives on Terrorism	4
SSC-237	Perspectives on Democracy and Dialogue	4
WR-241	Fiction Writing I	4
WR-244	Fiction Writing II	4
WS-101	Introduction to Women's Studies	4

Reviewer

Comments

Key: 126

Program Change Request

Date Submitted: 03/06/24 9:06 pm

Viewing: **CC.MICROSYSTECH : Microelectronics Systems Technology**

Last approved: 02/16/24 8:40 am

Last edit: 03/07/24 7:10 am

Changes proposed by: Michael Farrell (mike.farrell)

Catalog Pages Using
this Program
Microelectronics Systems Technology, Certificate

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

Approval Path

1. 03/07/24 7:11 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 03/07/24 10:39 am Mike Mattson (mattsonm): Approved for IDTD Chair
3. 03/07/24 3:30 pm Armetta Burney (armetta.burney): Approved for DTPS Dean

History

1. Oct 6, 2022 by clmig-kxayasene
2. Feb 6, 2023 by Megan Feagles (megan.feagles)
3. Jun 5, 2023 by Megan Feagles (megan.feagles)

Program Overview

Name of Proposed Program

Microelectronics Systems Technology

Program Code   CC.MICROSYSTECH

Award (CCWD)
  Certificate, Related to a Parent Program (45-60 credits) (CC1R)

Parent Program
  AAS.MICROSYSTECH

Type of Program   Certificate of Completion (CC)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                      Services (TAPS)

Other locations (institutions) this Program will be offered

CIP Code   15.0612 - Industrial Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

Upon successful
completion of this

program, students should be able to:	communicate critical information about electronic systems using verbal, written, or graphical means;

troubleshoot electrical and electronic systems;

use proper electrical test equipment to test and maintain electronic and electrical components and equipment;

demonstrate safe work habits around electricity and electronic equipment;

demonstrate basic knowledge of semiconductor manufacturing and materials.

Proposed Curriculum

Plan of Study Grid

First Term		Credits
EET-112	Electronic Equipment and Assembly I	1
EET-137	Electrical Fundamentals I	4
EET-139	Principles of Troubleshooting I	2
EET-157	Digital Logic I	3
MTH-095	Algebra III	4
SM-150	Semiconductor Processing I	2
	Credits	16
Second Term		
EET-113	Electronic Equipment and Assembly II	1
EET-141	Electrical Fundamentals II	4
IMT-120	Industrial Machinery I	3
MFG-107	Industrial Safety & First Aid	3
SM-160	Semiconductor Processing II	2
WR-101	Workplace Writing [1]	4
	Credits	17
Third Term		
COMM-111Z	Public Speaking	4
EET-114	Electronic Equipment and Assembly III	1
EET-142	Electrical Fundamentals III	4
HD-209	Job Search Skills	2
IMT-223	Instrumentation & Controls	3
SM-170	Semiconductor Processing III	2
Human Relations requirement		3
PSY-101	Human Relations (Recommended)	
	Credits	16
	Total Credits	49

[1]
Substitute college transfer courses for these courses if you plan to continue your education at a higher education institution. It is recommended that you consult with a faculty advisor or a staff member in Student Services for the transfer requirements of the specific advanced program or school.

Reviewer Comments

Program	Implementation
Industrial Maintenance Technology Mechanical Maintenance CC	2024/SU
Machine Tool Technology CC	2024/SU

Program Change Request

Date Submitted: 03/05/24 10:04 am

Viewing: **CC.IMTMECHMAIN : Industrial Maintenance Technology Mechanical Maintenan**

Last approved: 06/05/23 1:57 pm

Last edit: 03/05/24 10:27 am

Changes proposed by: Sasha Nelson-Steinberg (sasha.nelson)

Catalog Pages Using
this Program
   [Industrial Maintenance Technology Mechanical Maintenance, Certificate](#)

Change Type

College Council Review

              No

Program Contact Information

Are you the Faculty Contact Person?

              No

Approval Path

1. 12/11/23 7:29 am Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 02/05/24 10:14 am Mike Mattson (mattsonm): Rollback to Initiator
3. 03/05/24 10:38 am Megan Feagles (megan.feagles): Approved for Curriculum Office
4. 03/06/24 12:23 pm Mike Mattson (mattsonm): Approved for IDTD Chair
5. 03/06/24 12:50 pm Armetta Burney (armetta.burney): Approved for DTPS Dean

History

Faculty Contact Email

mattsonm@clackamas.edu

Program Overview

Name of Proposed Program

Industrial Maintenance Technology Mechanical Maintenan

Program Code   CC.IMTMECHMAIN

Award (CCWD)
  Certificate (45-60 credits) (CC1)

Type of Program   Certificate of Completion (CC)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                  Services (TAPS)

Other locations (institutions) this Program will be offered

CIP Code   47.0303 - Industrial Mechanics and
                  Maintenance Technology.

Program Award Information

Program Learning Outcomes (PLOs)

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

work safely in an industrial environment around machinery, power equipment, heat, chemicals and electricity;

troubleshoot, install and repair basic electromechanical systems by using knowledge of electrical and mechanical fundamentals, diagnostic instruments, and hand and power tools;

use knowledge of manufacturing and welding processes to execute the repair and replacement of machine elements;

communicate effectively through graphical means including schematics, diagrams, engineering drawing and sketches to determine system functions to effect repairs and improve performance.

Proposed Curriculum

Plan of Study Grid

Fall Term		Credits
IMT-104	Reading Schematics and Symbols	2
~~IMT-108~~	~~Rigging and Lifting~~	~~2~~
MFG-103	Machining for Fabrication & Maintenance	3
MFG-107	Industrial Safety & First Aid	3
MFG-109	Computer Literacy for Technicians	3
Select one of the following:		4
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
Higher Level Math or Statistics		
	Credits	15
Winter Term		
IMT-120	Industrial Machinery I	3
MFG-140	Principles of Fluid Power	3
Select one of the following:		3-4
MTH-080	Technical Mathematics II	
MTH-095	Algebra III	
Higher Level Math or Statistics		
WLD-150	Welding Processes	4
Human Relations requirement		3
	Credits	16-17
Spring Term		
IMT-108	Rigging and Lifting	2

IMT-110	Preventative Maintenance	2
IMT-220	Industrial Machinery II	3
MFG-221	Materials Science	3
WR-101	Workplace Writing	4
Electives		3
	Credits	17
	Total Credits	48-49

Electives

Any CDT, EET, GIS, MET, MFG, MTT, SM, or WLD course not included in the program, or other technical course with approval.

Reviewer
Comments

Program Change Request

Date Submitted: 03/05/24 8:48 am

Viewing: **CC.MACHTECH : Machine Tool Technology**

Last approved: 06/05/23 1:59 pm

Last edit: 03/05/24 10:32 am

Changes proposed by: Sasha Nelson-Steinberg (sasha.nelson)

Catalog Pages Using
this Program
[Machine Tool Technology, Certificate](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

No

Approval Path

1. 12/13/23 9:24 am
   Megan Feagles
   (megan.feagles):
   Approved for
   Curriculum Office
2. 02/05/24 10:15 am
   Mike Mattson
   (mattsonm):
   Rollback to Initiator
3. 03/05/24 10:38 am
   Megan Feagles
   (megan.feagles):
   Approved for
   Curriculum Office
4. 03/06/24 12:24 pm
   Mike Mattson
   (mattsonm):
   Approved for IDTD
   Chair
5. 03/06/24 12:50 pm
   Armetta Burney
   (armetta.burney):
   Approved for DTPS
   Dean

History

Faculty Contact Email

mattsonm@clackamas.edu

Program Overview

Name of Proposed Program

Machine Tool Technology

Program Code   CC.MACHTECH

Award (CCWD)
Certificate, Related to a Parent Program (45-60 credits) (CC1R)

Parent Program
AAS.MACHTECH

Type of Program   Certificate of Completion (CC)
(CCC)

Educational Focus   Industrial Technology and Automotive
Area

Effective Catalog   2024-2025
Edition

Career Area   Industrial and Engineering Systems

Department   Industrial Technology

Division   Technology, Applied Science and Public
                       Services (TAPS)

Other locations (institutions) this Program will be offered

CIP Code	15.0613 - Manufacturing Engineering Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

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

work independently on manual machine tools to produce machined products to required specifications by applying appropriate skills, processes, and technologies;

work independently on CNC machine tools to produce machined products to required specifications by applying appropriate skills, processes, and technologies;

apply critical thinking skills to solve common machining and manufacturing problems;

work safely in an industrial environment around machinery, power tools, electricity and chemicals.

Proposed Curriculum

Plan of Study Grid

Fall Term		Credits
MFG-104	Print Reading	3
MFG-107	Industrial Safety & First Aid	3
Select one of the following:		4
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
	Higher Level Math or Statistics	
MTT-111	Manual Machining I	4
MTT-121	CNC I: Set-Up and Operation	4
	Credits	18
Winter Term		
MFG-109	Computer Literacy for Technicians	3
Select one of the following:		3-4
MTH-080	Technical Mathematics II	
MTH-095	Algebra III	
	Higher Level Math or Statistics	
MTT-112	Manual Machining II	4
MTT-122	CNC II: Programming and Operation	4
Human Relations requirement		3
	Credits	17-18
Spring Term		

MFG-221	Materials Science	3
MTT-113	Manual Machining III	4
MTT-123	CNC III: Applied Programming and Operation	4
MTT-141	CAD/CAM I	4
WR-101	Workplace Writing [1]	4
	Credits	15
	Total Credits	50-51

[1] Substitute college transfer courses for these courses if you plan to continue your education at a higher education institution. It is recommended that you consult with a faculty advisor or a staff member in Student Services for the transfer requirements of the specific advanced program or school.

Reviewer Comments

MFG-221 Materials Science 3
MTT-113 Manual Machining III 4
MTT-123 CNC III: Applied Programming and Operation4
MTT-141 CAD/CAM I 4
WR-101 Workplace Writing