

June 6, 2025 (8-9:30am)

g. AS, Architectural Engineering, OSU		Approval/25.SU
h. AS, Biology, OSU		Approval/25.SU
i. AS, Chemical Engineering, OSU		Approval/25.SU
j. AS, Computer Science, PSU		Approval/25.SU
k. AS, Construction Engineering Management, OSU		Approval/25.SU
l. AS, Electrical Engineering, OSU		Approval/25.SU
m. AS, Environmental Engineering, OSU		Approval/25.SU
n. AS, Industrial Engineering, OSU		Approval/25.SU
o. AS, Mechanical Engineering, OSU		Approval/25.SU
p. AS, Music, PSU		Approval/25.SU
q. Associate of General Studies		Approval/25.SU
r. Core Transfer Map		Approval/25.SU
s. Electronics Engineering Technology AAS		Approval/25.SU
t. Microelectronics Systems Technology AAS		Approval/25.SU
u. Oregon Transfer Module		Approval/25.SU
f. Business Changes		
a. New Course – BT-150	Bev Forney	Approval/25.SU
b. Course Inactivations		
i. BT-160		Approval/25.SU
ii. BT-161		Approval/25.SU
c. Program Suspensions		
i. Retail Management CC	Bev Forney	Approval/25.SU
ii. First-Line Supervisor Fundamentals CC	Bev Forney	Approval/25.SU
d. Program Amendments		
i. Business AST	Bev Forney	Approval/25.SU
ii. Administrative Professional AAS	Bev Forney	Approval/25.SU
iii. Administrative Assistant CC	Bev Forney	Approval/25.SU
iv. Administrative Assistant Training CC	Bev Forney	Approval/25.SU
v. Marketing CC	Bev Forney	Approval/25.SU
vi. Business AAS	Sharon Parker	Approval/25.SU
vii. Business Management CC	Sharon Parker	Approval/25.SU
viii. Management Fundamentals CPCC	Sharon Parker	Approval/25.SU
ix. Human Resource Management CC	Michael Moiso	Approval/25.SU
g. GIS Changes		
a. GIS Credits/Hours/Instructional Method Changes	Angela Armen	
i. GIS-101		Approval/25.SU
ii. GIS-201		Approval/25.SU
iii. GIS-202		Approval/25.SU
iv. GIS-232		Approval/25.SU
v. GIS-236		Approval/25.SU
vi. GIS-238		Approval/25.SU
vii. GIS-270		Approval/25.SU
viii. GIS-286		Approval/25.SU
b. New Course – GIS-260		Approval/25.SU
c. Geographic Information Systems (GIS) Technology CC Amendment		Approval/25.SU
d. GIS-101/GIS-201 Credit Change Amendments		
i. Wildland Fire Management AAS		Approval/25.SU
ii. Wildland Fire Science CC		Approval/25.SU

Present: ASG (Jazlyn Ricalde), ASG (Cadence Gillespie), Keely Baca, Nora Brodnicki (Co-Chair), Armetta Burney, Virginia Chambers, Amanda Coffey, Juan Cortes, Ephanie Debey, SD DeWaay, Megan Feagles (Recorder), Erin Gravelle, Dawn Hendricks, Kari Hiatt, Danielle Hoffman, Eric Lee, Kara Leonard, Gentiana Loeffler, Kelly Mercer (Co-Chair), Deanna Myers, Charles Siegfried, AJ Smith, April Smith, Aundrea Snitker, Sarah Steidl, Dru Urbassik

Guests: Dustin Bates

Absent: Dustin Bare, Debra Carino, Elizabeth Carney, Sue Goff, Jordan Gulley, Frank Kilders, Mike Mattson, Tracy Nelson, David Plotkin, Carrie Sandberg, Ashley Sears, Chris Sweet, Wryann Van Riper

1. Welcome

2. Approval of Minutes

- a. Approval of the May 2, 2025 minutes

Motion to approve, approved

3. Consent Agenda

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

Motion to approve, approved

4. Course and Program Approvals

- a. Automotive Course Inactivations

- a. AB-101, AB-105, AM-100, AM-106, AM-116, AM-118

- i. Dustin Bates presented
 - ii. College has decided to cancel these courses starting summer term and all terms in the future. 2025-26 Proposed Budget General Fund reductions.
 - iii. These are automotive courses that are not in any programs.
 - iv. The Department Chair was not involved in the decision to inactivate these popular courses. The decision came through the Budget Process and there was not faculty support or input on this decision.
 - v. The courses were taught by Associate Faculty.
 - vi. The department is going to explore offering these as Community Education courses.
 - vii. There was significant concern expressed about how decisions are made at the College. Whether or not the courses are officially inactivated, they will not be offered. It may not have been the intent, but the result is that this decision was made without involving faculty and in fact even circumventing faculty processes.
 - viii. The Committee did not support moving this to a vote.

No vote, not approved

- b. **PHB-112 Hours Change**

- a. Virginia Chambers presented
 - b. Changing from 60 LAB to 66 LAB. Remaining at 2 credits.
 - c. Increased from 30 hours per credit to 33 hours per credit to align with 6 hours of hands on skills in lab over the 11 weeks.

Motion to approve, approved

- c. **Employment Skills Training CC**

- a. Dru Urbassik presented
 - b. A Sub-Committee met to discuss the requirements and need for the Employment Skills Training CC. The description has been updated accordingly.

Motion to approve, approved

- d. **AS, English, PSU Suspension**

- a. Amanda Coffey presented

- b. The recent revisions to the English AAT degree allow for greater flexibility and can now meet the needs of our English majors who want to focus on creative writing and publishing and plan to transfer to PSU (or other institutions). We have consulted with the English department at PSU and they agree.

Motion to approve, approved

5. Old Business

a.

6. New Business

a.

7. Closing Comments

-Meeting Adjourned-

Next Meeting: June 6, 2025 (8-9:30am)

1. Course Title Change

Course	Current Title	Proposed Title
CS-240L	Linux Administration I	Linux Administration 1

2. Course Number Change

Course	Title	Proposed Course Number

3. Outlines Reviewed for Approval

Course	Title	Implementation
BA-217	Budgeting for Managers	2025/SU
CS-170	Python Programming	2025/SU
CS-240L	Linux Administration 1	2025/SU
CS-284	Network Security	2025/SU
DMC-247	Sound for Media	2025/SU
ENG-104Z	Introduction to Fiction	2025/SU
ENG-105Z	Introduction to Drama	2025/SU
ENG-251	Celtic Mythology	2025/SU
ENG-252	Hindu Mythology	2025/SU
MTH-082A	Wastewater Math I	2025/SU
MTH-082B	Waterworks Math I	2025/SU
MTH-082C	Wastewater Math II	2025/SU
MTH-082D	Waterworks Math II	2025/SU
MTH-082E	Math for High Purity Water	2025/SU
MUP-150	Contemporary Music Ensemble	2025/SU
MUP-258	Chamber Ensemble	2025/SU
MUS-090	Preparation for Music Theory	2025/SU
MUS-105	Music Appreciation	2025/SU
MUS-128	Keyboard Skills I	2025/SU
MUS-129	Keyboard Skills I	2025/SU
MUS-131	Group Piano: Piano for Pleasure	2025/SU
MUS-132	Group Piano: Piano for Pleasure	2025/SU
MUS-133	Group Piano: Piano for Pleasure	2025/SU
MUS-140	Careers in Music	2025/SU
MUS-218	MPT Seminar I	2025/SU
MUS-220	MPT Seminar III	2025/SU
MUS-247	Sound for Media	2025/SU
WET-021	Waterworks Operations II	2025/SU
WET-122	Water Distribution and Wastewater Collection	2025/SU
WET-134	Environmental Chemistry II	2025/SU
WLD-250	Welding Fabrication I Beginning Project	2025/SU
Z-201	General Zoology	2025/SU
Z-202	General Zoology	2025/SU
Z-203	General Zoology	2025/SU

Course Change Request

Date Submitted: 05/14/25 3:59 pm

Viewing: **BA-217 : Budgeting for Managers**

Last approved: 04/16/24 3:20 am

Last edit: 05/15/25 7:07 am

Changes proposed by: Joan San-Claire (joan.san-claire)

Catalog Pages
referencing this
course

[Business Administration \(BA\)](#)

Programs
referencing this
course

[CC.RETAILMGTL1Y: Retail Management](#)

Credits/Hours/Instructional Method Change

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 05/15/25 7:07 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/21/25 10:48 am
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
- 2. Apr 16, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix BA - Business Administration

Course Number 217

Department Business

Division Arts and Sciences

Course Title Budgeting for Managers

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

Budgeting is a crucial managerial decision-making and planning tool that also incorporates performance evaluation through variance analysis. This course examines developing and managing department and project budgets in-depth, as well as how they fit into the overall organizational framework. Specifically, this course includes coverage of static, flexible, and rolling budgets, capital budgeting, variance analysis, break-even and contribution margin analysis, profit planning, manufacturing costs, sales forecasts, and cost behavior.

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?

No

Course Requisites

Required

Prerequisites

BA-211Z

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

BA-213Z or some experience in budgeting

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?

Not Offered Every Term Fall/Spring

Will this class use library resources?

No Yes

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	describe the importance of budgeting and the development process, including budget components, constraints, and ethical considerations;
2	demonstrate application of basic math skills;
3	apply budgeting techniques, such as standard costs, variance analysis, and flexible budgeting as a planning and performance evaluation tool;
4	compute compound interest, present and future value, the break-even point, and contribution margin;
5	evaluate long-term projects and capital expenditure decisions with analytic tools and capital budgeting techniques.

Major Topic Outline

1. Importance of budgets. 2. Budget processes and human behavior. 3. Components of the budget. 4. Budget period and adjustments. 5. Responsibility accounting and management by exception. 6. Flexible budgets. 7. Standard costs. 8. Variance analysis. 9. Evaluation of long-term projects.

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)

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

OIT - Oregon Institute of Technology

Comparable
course(s)

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

How does it transfer?

general elective

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 04/14/25 9:50 am

Viewing: **CS-170 : Python Programming**

Last approved: 03/23/25 5:07 am

Last edit: 04/14/25 9:50 am

Changes proposed by: Becky Dunham (becky.dunham)

Catalog Pages
referencing this
course
[Computer Science \(CS\)](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office

2. DASC Curriculum Committee Outline Review Team

3. Curriculum Office

4. Curriculum Committee Approval

5. Colleague

Approval Path

1. 04/14/25 9:53 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office

2. 05/16/25 9:33 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Mar 23, 2025 by
Richard Albers (richa)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

richa@clackamas.edu

Course Prefix

CS - Computer Science

Course Number

170

Department

Computer Science

Division

Arts and Sciences

Course Title

Python Programming

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

No

Audit

No

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 Summer 2025
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

This is an extensive look at the Python programming language. It covers variables, I/O, selection and repetition structures, functions, objects, classes, and exception handling.

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?

No

Course Requisites

Required

Prerequisites

CS-162 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

Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Spring Summer/Fall/Winter/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	use a modern programming environment to create, debug, and run Python scripts and programs;
2	explain the different types of Python variables and the benefits and limitations of type hints;
3	use and explain the various mathematical operators and functions available in Python;
4	use Python's selection and repetition structures;
5	create functions and explain how data can be passed into and out of a functions;
6	explain the difference between lists, dictionaries, and maps and use them in a program;
7	use I/O operations on both the console and data files;
8	create and use both classes and objects, and explain how variables and methods are defined as private or public;

	Upon successful completion of this course, students should be able to:
9	explain and implement exception handling.

Major Topic Outline

Python Development environment installation and use

Variables types, usage, and type hints

Console and file I/O

Selection Structures

Repetition structures

Functions

Lists, Dictionaries, and/or Maps

Creating and Using Classes

Exception Handling

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)

none

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

None.

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 05/15/25 3:40 pm

Viewing: **CS-240L : Linux Administration 1 †**

Last approved: 11/07/23 5:00 am

Last edit: 05/15/25 3:40 pm

Changes proposed by: Rick Carino (rcarino)

Catalog Pages

referencing this
course

[Computer Science \(CS\)](#)

Programs

referencing this
course

[AAS.COMPNETADMIN: Computer & Network Administration](#)

[CC.COMPNETADMIN: Computer & Network Administration](#)

[CC.COMPAPPSPECIAL: Computer Application Specialist](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 3:42 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/17/25 9:42 pm
Nora Brodnicki (norab): Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

	Yes
Course Prefix	CS - Computer Science
Course Number	240L
Department	Computer Science
Division	Arts and Sciences
Course Title	Linux Administration <u>1</u> †

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 Summer 2025
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

Covers the fundamentals of the Linux operating system. Topics include: system architecture, installation, command line and file system. This course ~~course, along with CS-241L,~~ covers the topics of the Linux LPIC-1 Exam 101 certification. ~~(or CompTIA Linux+) certification exam.~~

Type of Course (ACTI Code)

210 - Career Technical Preparatory ~~100-~~
~~Lower Division Collegiate~~

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

CS-140

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/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?

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	use common commands and utilities with the Bash shell;
2	navigate the Linux File System with the command line;
3	perform common maintenance tasks with the command line;
4	install and configure a computer running Linux;
5	configure basic network settings.

Major Topic Outline

1. Linux Introduction 2. File Management 3. Working with Text 4. Advanced File Management 5. Booting the System 6. Partitioning 7. Filesystems 8. System Software

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

Reviewer Comments

Key: 476

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/15/25 3:54 pm

Viewing: **CS-284 : Network Security**

Last approved: 11/07/23 5:00 am

Last edit: 05/15/25 3:54 pm

Changes proposed by: Rick Carino (rcarino)

Catalog Pages
referencing this
course

[Computer Science \(CS\).](#)
[Course Descriptions](#)

Programs
referencing this
course

[AAS.COMPNETADMIN: Computer & Network Administration](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/16/25 6:36 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/20/25 1:15 pm
Gentiana Loeffler (gentiana.loeffler):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix CS - Computer Science

Course Number 284

Department Computer Science

Division Arts and Sciences

Course Title Network Security

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 66.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 66

Proposed Effective Summer 2025

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

This course provides an introduction to the core security skills needed for monitoring, detecting, investigating, analyzing and responding to security events, thus protecting systems and organizations from cybersecurity risks, threats and vulnerabilities. This course covers the topics of the Cisco CyberOps Associate ~~Cybersecurity Fundamentals and Cybersecurity Operations~~ certification exam. ~~exams~~.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

CS-151

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

CS-240L and CS-240W

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?

Winter

Will this class use library resources?

Yes ~~No~~

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?

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 cybersecurity operations, security principles, roles, and responsibilities;
2	identify related technologies, tools, regulations and frameworks within cybersecurity;
3	describe how to harden operating systems, applications, and networks;
4	demonstrate how to monitor, detect, investigate, analyze and respond to security incidents.

Major Topic Outline

- [1. Threat Actors and Defenders](#)
- [2. Operating Systems Overview](#)
- [3. Network Fundamentals](#)
- [4. Network Infrastructure Security](#)
- [5. Threats and Attacks](#)
- [6. Network Defense](#)
- [7. Cryptography and Endpoint Protection](#)
- [8. Protocols and Log Files](#)

9. Analyzing Security Data ~~1. Cybersecurity and the Security Operations Center 2. Windows Operating System 3. Linux Operating System 4. Network Protocols and Services 5. Network Infrastructure 6. Principles of Network Security 7. Network Attacks 8. Protecting the Network 9. Cryptography and the Public Key Infrastructure 10. Endpoint Security and Analysis 11. Security Monitoring 12. Intrusion Data Analysis 13. Incident Response and Handling~~

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

Reviewer Comments

Course Change Request

Date Submitted: 05/14/25 2:06 pm

Viewing: **DMC-247 : Sound for Media**

Last approved: 04/05/24 3:22 am

Last edit: 05/14/25 2:06 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Digital Media Communications \(DMC\)](#)

Programs
referencing this
course

[CC.VIDEOPRODTECH: Video Production Technician](#)

[AAS.DMC1: Digital Media Communications](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:42 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:14 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Apr 5, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix DMC - Digital Media Communications

Course Number 247

Department Music

Division Arts and Sciences

Course Title Sound for Media

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

Introduction to sound as related to film making, animation, and video games. Students will have the opportunity to create and assemble sound for media into a finished product. Explores the basic components of commercial film/video, animation, and game production as they relate to sound.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

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

Experience using a DAW (Digital Audio Workstation) or video editing software

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 ~~Fall/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?

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	describe the basic techniques used in production sound recording for video, animation, and/or video games;
2	identify the basic tools used to produce media related sound;
3	create production sound, Foley art, ADR, and sound design for media;
4	identify basic components of visual media production.

Major Topic Outline

1. Introduction of basic tools. 2. Introduction of basic techniques. 3. Introduction of film/video production components. 4. Introduction of Foley, ADR, and Sound Design techniques. 5. Introduction of Sound Design tools and techniques. a. Conception. b. Development. c. Execution. d. Final product.

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

Reviewer Comments

Key: 531

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/20/25 1:02 pm

Viewing: **ENG-104Z : Introduction to Fiction**

Formerly known as: **ENG-104**

Last approved: 04/16/24 3:20 am

Last edit: 05/20/25 1:02 pm

Changes proposed by: Amanda Coffey (amandac)

Catalog Pages
referencing this
course

ENG-104Z:

[English Literature \(ENG\)](#)

Programs
referencing this
course

ENG-104Z:

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)

[AS.OSUBIOLENGR: AS, Biological Engineering, OSU](#)

[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)

[AS.PSUMUSIC: AS, Music, PSU](#)

[AS.TBIOLOGY: Biology \(AST\)](#)

[AS.OSUBIOLOGY: AS, Biology, OSU](#)

[NA.OTM: Oregon Transfer Module](#)

[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)

[AS.TBUSINESS: Business \(AST\)](#)

[NA.CTM: Core Transfer Map](#)

[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)

[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)

[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)

[AS.OSUECOLENGR: AS, Ecological Engineering, OSU](#)

[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)

[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)

[AA.OTELEMED: Elementary Education \(AAOT\)](#)

[AGS.GENERAL: Associate of General Studies](#)

[AA.ENGLISH: English \(AAT\)](#)

In Workflow

1. Curriculum Office
2. DAFC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/20/25 1:03 pm
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/21/25 12:15 pm
Juan Cortes
(juan.cortes):
Approved for DAFC
Curriculum
Committee Outline
Review Team

History

1. Nov 1, 2023 by
Megan Feagles
(megan.feagles)
2. Apr 16, 2024 by
Megan Feagles
(megan.feagles)

[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)
[AS.OSUGENHORT: AS, Horticulture, OSU](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

	Yes
Course Prefix	ENG - English Literature
Course Number	104Z
Department	English
Division	Academic Foundations and Connections (AFAC)
Course Title	Introduction to Fiction

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 Summer 2025
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

The study of fiction invites us to enter imaginative narratives and confront the challenges of being human. ENG-104Z provides opportunities for the appreciation of fiction, including deeper awareness of craft and insight into how reading fiction can lead to self-enrichment. Students read a variety of types of fiction, from diverse perspectives and eras, and develop their skills in discussion, literary analysis, and critical thinking.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

No Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

Summer/Fall

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

Yes

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	articulate how culture and context shape literary texts and how literature contributes to understandings of ourselves and the world; (CCN)
2	identify how literary devices and various formal elements contribute meaning to a text; (CCN)
3	build interpretations based on relevant evidence. (CCN)

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.

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

- Checklist
- Criteria
- Presentations
- Projects
- Rubrics
- Writing Assignments

Major Topic Outline

1. The purpose and use of fiction: why read it? 2. The history of fiction. 3. The elements of fiction, including plot, character, dialogue, setting, point of view, and irony. 4. Connecting fiction to bigger ideas: themes, symbolism. 5. How to discuss fiction productively in a diverse group of people. 6. The breadth and variety of fiction: readings from a range of time periods and cultures. 7. Writing about fiction. 8. Special topics relating to instructors’ interest: the novel, film adaptations of fiction, fiction and literary criticism, etc.

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)

ENG 104

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

ENG 104

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)
ENG 104

How does it transfer?

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

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

Please attach documentation

Reviewer Comments

Key: 637

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/20/25 1:04 pm

Viewing: **ENG-105Z : Introduction to Drama**

Formerly known as: **ENG-105**

Last approved: 04/16/24 3:20 am

Last edit: 05/20/25 1:04 pm

Changes proposed by: Amanda Coffey (amandac)

Catalog Pages
referencing this
course

ENG-105Z:

[English Literature \(ENG\)](#)

Programs
referencing this
course

ENG-105Z:

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)

[AS.OSUBIOLENGR: AS, Biological Engineering, OSU](#)

[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)

[AS.PSUMUSIC: AS, Music, PSU](#)

[AS.TBIOLOGY: Biology \(AST\)](#)

[AS.OSUBIOLOGY: AS, Biology, OSU](#)

[NA.OTM: Oregon Transfer Module](#)

[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)

[AS.TBUSINESS: Business \(AST\)](#)

[NA.CTM: Core Transfer Map](#)

[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)

[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)

[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)

[AS.OSUECOLENGR: AS, Ecological Engineering, OSU](#)

[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)

[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)

[AA.OTELEMED: Elementary Education \(AAOT\)](#)

[AGS.GENERAL: Associate of General Studies](#)

[AA.ENGLISH: English \(AAT\)](#)

In Workflow

1. Curriculum Office
2. DAFC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/20/25 1:05 pm
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/21/25 12:15 pm
Juan Cortes
(juan.cortes):
Approved for DAFC
Curriculum
Committee Outline
Review Team

History

1. Nov 1, 2023 by
Megan Feagles
(megan.feagles)
2. Apr 16, 2024 by
Megan Feagles
(megan.feagles)

[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)
[AS.OSUGENHORT: AS, Horticulture, OSU](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix ENG - English Literature

Course Number 105Z

Department English

Division Academic Foundations and Connections
(AFAC)

Course Title Introduction to Drama

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 Summer 2025

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

The study of plays exposes us to texts with the power to shock, inspire, enlighten, and delight; this course in drama can be an empowering and transformative journey toward keener engagement with the world, local community, and your intended path. ENG-105Z provides opportunities for the appreciation of drama, including deeper awareness of craft and insight into how reading plays can lead to self-enrichment. Students read a variety of types of drama, from diverse perspectives and eras, and develop their skills in discussion, literary analysis, and critical thinking.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

No Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

Yes

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	articulate how culture and context shape literary texts and how literature contributes to understandings of ourselves and the world; (CCN)
2	identify how literary devices and various formal elements contribute meaning to a text; (CCN)
3	build interpretations based on relevant evidence. (CCN)

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.

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

- Checklist
- Criteria
- Performances/Simulation
- Presentations
- Projects
- Rubrics
- Writing Assignments

Major Topic Outline

- 1. History of drama.
- 2. The purpose and role of drama today.
- 3. Physical Elements of theater (sets, etc.)
- 4. Genres of Drama (e.g. tragedy, comedy, Elizabethan, theater of the absurd, etc.)
- 5. Literary terminology and conventions of drama.
- 6. Connecting drama to bigger ideas: themes, symbolism.
- 7. How to discuss drama productively in a diverse group of people.
- 8. Writing about drama.
- 9. Special topics related to individual instructors’ interest and expertise.

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)

ENG 105

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

ENG 105

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)
ENG 105

How does it transfer?

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

Evidence of transferability

Correspondence with receiving institution (mail, fax, email, etc.)

Please attach documentation

Reviewer Comments

Key: 638

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/20/25 1:06 pm

Viewing: **ENG-251 : Celtic Mythology**

Last approved: 11/01/23 5:11 am

Last edit: 05/20/25 1:06 pm

Changes proposed by: Amanda Coffey (amandac)

Catalog Pages
referencing this
course

[English Literature \(ENG\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)
[AS.OSUBIOLENGR: AS, Biological Engineering, OSU](#)
[AS.OSUSMECHENG: AS, Mechanical Engineering, OSU](#)
[AAS.MICROSYSTECH: Microelectronics Systems Technology](#)
[AS.PSUMUSIC: AS, Music, PSU](#)
[AS.TBIOLOGY: Biology \(AST\)](#)
[AS.OSUBIOLOGY: AS, Biology, OSU](#)
[NA.OTM: Oregon Transfer Module](#)
[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)
[AS.TBUSINESS: Business \(AST\)](#)
[NA.CTM: Core Transfer Map](#)
[AS.OSUCHEMENG: AS, Chemical Engineering, OSU](#)
[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)
[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)
[AS.OSUECOLENGR: AS, Ecological Engineering, OSU](#)
[AS.OSUELCOMPENG: AS, Electrical Engineering, OSU](#)
[AAS.ELECTRONENGTECH: Electronics Engineering Technology](#)
[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)
[AA.OTELEMED: Elementary Education \(AAOT\)](#)
[AGS.GENERAL: Associate of General Studies](#)
[AA.ENGLISH: English \(AAT\)](#)
[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

In Workflow

1. Curriculum Office
2. DAFC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/20/25 1:07 pm
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/21/25 12:15 pm
Juan Cortes
(juan.cortes):
Approved for DAFC
Curriculum
Committee Outline
Review Team

History

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

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

jamesb@clackamas.edu

Course Prefix ENG - English Literature

Course Number 251

Department English

Division Academic Foundations and Connections
(AFAC)

Course Title Celtic Mythology

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 Summer 2025

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

Explores the historical, cultural, social, and literary significance of Celtic myths; views Celtic mythology in its historical and geographic positions and in the larger context of Western civilization and literary tradition; considers how studying myth affects and influences reading other works; introduces theoretical approaches to mythology and basic literary elements and terminology.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Is this class challengeable?

No Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

No

When do you plan to offer this course?

Not Offered Every Year

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	demonstrate a perception of Celtic mythology as a phenomenon of literary, cultural, aesthetic, political, and religious importance via their writing, discussion, and exams; (AL1)(AL2)(CL1)

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

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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.

P

Demonstrate appropriate reasoning in response to complex issues.

P

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

P

Respond to the needs of diverse audiences and contexts.

P

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

Criteria

Presentations

Projects

Rubrics

Writing Assignments

Major Topic Outline

1. The origins and development of Celtic myth.
2. Cultural background of Celtic peoples.
3. The Celtic pantheon.
4. The Irish epics: Tain Bo Cuailnge and Finn Cycle.
5. The Irish Hero: CuChulainn.
6. Irish themes.
7. Welsh myth cycles: The Mabinogion.
8. Sources of Celtic myth.
9. Myth Theory and Literary Criticism.
10. The Celtic legacy.

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)

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

On January 31, 2014, Ryan Davis and I met at OSU with Louie Bottaro (College of Liberal Arts Head Advisor) and Steven Kunert at OSU (English Department Undergraduate Advisor). During this meeting we specifically asked whether or not the mythology courses would transfer. They said those courses would transfer as general electives.

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 05/20/25 1:07 pm

Viewing: **ENG-252 : Hindu Mythology**

Last approved: 11/01/23 5:11 am

Last edit: 05/20/25 1:07 pm

Changes proposed by: Amanda Coffey (amandac)

Catalog Pages
referencing this
course

[English Literature \(ENG\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)
[AS.OSUBIOLENGR: AS, Biological Engineering, OSU](#)
[AS.OSUSMECHENG: AS, Mechanical Engineering, OSU](#)
[AAS.MICROSYSTECH: Microelectronics Systems Technology](#)
[AS.PSUMUSIC: AS, Music, PSU](#)
[AS.TBIOLOGY: Biology \(AST\)](#)
[AS.OSUBIOLOGY: AS, Biology, OSU](#)
[NA.OTM: Oregon Transfer Module](#)
[AS.OSUARCHENG: AS, Architectural Engineering, OSU](#)
[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)
[AS.TBUSINESS: Business \(AST\)](#)
[NA.CTM: Core Transfer Map](#)
[AS.OSUCHEMENG: AS, Chemical Engineering, OSU](#)
[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)
[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)
[AS.OSUECOLENGR: AS, Ecological Engineering, OSU](#)
[AS.OSUELCOMPENG: AS, Electrical Engineering, OSU](#)
[AAS.ELECTRONENGTECH: Electronics Engineering Technology](#)
[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)
[AA.OTELEMED: Elementary Education \(AAOT\)](#)
[AGS.GENERAL: Associate of General Studies](#)
[AA.ENGLISH: English \(AAT\)](#)
[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

In Workflow

1. Curriculum Office
2. DAFC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/20/25 1:07 pm
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/21/25 12:15 pm
Juan Cortes
(juan.cortes):
Approved for DAFC
Curriculum
Committee Outline
Review Team

History

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

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

jamesb@clackamas.edu

Course Prefix ENG - English Literature

Course Number 252

Department English

Division Academic Foundations and Connections
(AFAC)

Course Title Hindu Mythology

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 Summer 2025

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

Explores the historical, cultural, social, and literary significance of Hindu myths; views Hindu mythology in its historical and geographic positions and in the larger context of world civilization and literary tradition; considers how studying myth affects and influences reading other works; introduces theoretical approaches to mythology and basic literary elements and terminology.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Is this class challengeable?

No Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

Not Offered Every Year

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

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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.

P

Demonstrate appropriate reasoning in response to complex issues.

P

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

P

Respond to the needs of diverse audiences and contexts.

P

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

Criteria

Presentations

Projects

Rubrics

Writing Assignments

Major Topic Outline

1. The origins and development of Hindu myth.
2. Cultural background.
3. The Hindu pantheon.
4. The Hindu epics.
5. Hindu themes.
6. Sources of Hindu myth.
7. Myth theory.

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)

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

On January 31, 2014, Ryan Davis and I met at OSU with Louie Bottaro (College of Liberal Arts Head Advisor) and Steven Kunert at OSU (English Department Undergraduate Advisor). During this meeting we specifically asked whether or not the mythology courses would transfer. They said those courses would transfer as general electives.

Please attach documentation

Course Change Request

Date Submitted: 04/29/25 3:04 pm

Viewing: **MTH-082A : Wastewater Math I**

Last approved: 03/29/24 3:35 am

Last edit: 04/29/25 4:30 pm

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Math Course Pathways and Prerequisites](#)
- [Mathematics \(MTH\)](#)
- [Water & Environmental Technology \(WET\)](#)
- [Water & Environmental Technology, AAS](#)
- [Water & Environmental Technology, Certificate](#)

Programs
referencing this
course

- [AAS.WATERENVIRONTECH: Water & Environmental Technology](#)
- [CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

- Curriculum Office
- DASC Curriculum Committee Outline Review Team
- Curriculum Office
- Curriculum Committee Approval
- Colleague

Approval Path

- 04/29/25 1:17 pm
Megan Feagles (megan.feagles): Rollback to Initiator
- 04/29/25 4:30 pm
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 05/13/25 12:38 pm
Deanna Myers (deanna.myers): Approved for DASC Curriculum Committee Outline Review Team

History

- Nov 7, 2023 by Megan Feagles (megan.feagles)
- Mar 29, 2024 by Megan Feagles

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MTH - Mathematics

Course Number 082A

Department Engineering Sciences

Division Arts and Sciences

Course Title Wastewater Math I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 11

Proposed Effective Summer 2025

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

Quantitative component to understanding wastewater operations. Simple unit [and flow rate](#) conversions, fraction to decimal conversions and more complicated problem solving as applied to wastewater preliminary & primary treatment.

Type of Course (ACTI Code)

351 - Post Secondary Remedial Math

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

WET-110

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

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 Computation
Area

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	perform applied mathematical conversions and dimensional analysis (flow rate, temperature, etc) necessary to pass the Oregon Water or Wastewater certification exams;
2	calculate the area and volume of a circle and rectangular clarifier and understand the role of theses shapes in water and wastewater treatment processes;
3	determine flowrate in a pipe using the continuity equation and comprehend these relationships in water and wastewater collection and treatment operations;
4	determine the velocity of flow and focus on hydraulic detention times for treatment processes;

	Upon successful completion of this course, students should be able to:
5	describe the multiple usages of the pounds formula (Mass & Mass Flux) in plant operation and <u>control</u> : control. Mass is based on pounds held within a process; Mass Flux is mass moved over time or ppd through a water body;
6	quantitatively assess all solids analysis measurements;
7	describe the need for proper mathematical assessment of BOD in National Pollutant Discharge Elimination Systems permit;
8	assess pump and lift station detention times and pumping rates;
9	describe headworks treatment as it applies to bar screens, bar racks, and grit channels;
10	process Clarification and Loading calculations in primary and secondary treatment.

Major Topic Outline

1. Sanitary Wastewater Composition. 2. Pumping Stations. 3. Bar Screens and Bar Racks, and Grit Channels. 4. Process Clarification and Loading. 5. Mass & Mass Flux and the difference between the two. 6. Flow and Contaminant Discussion, aka "Solution to Pollution is Dilution."

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

Yes

Clean up Natural Environment

Yes

Supports Green Services

No

Percent of Course 100

Reviewer Comments

Megan Feagles (megan.feagles) (04/29/25 1:17 pm): Rollback: Can you double check Student Learning Outcome #5. It looks like that's either two outcomes or there's extra information in there. Thanks.

Key: 1120

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/29/25 1:13 pm

Viewing: **MTH-082B : Waterworks Math I**

Last approved: 03/29/24 3:35 am

Last edit: 04/29/25 1:13 pm

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Math Course Pathways and Prerequisites](#)
- [Mathematics \(MTH\)](#)
- [Water & Environmental Technology \(WET\)](#)
- [Water & Environmental Technology, AAS](#)
- [Water & Environmental Technology, Certificate](#)

Programs
referencing this
course

- [AAS.WATERENVIRONTECH: Water & Environmental Technology](#)
- [CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 1:16 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:20 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
2. Mar 29, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

jamesn@clackamas.edu

Course Prefix

MTH - Mathematics

Course Number

082B

Department

Engineering Sciences

Division

Arts and Sciences

Course Title

Waterworks Math I

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

Yes

Only Pass/No Pass

No

Audit

Yes

Min Credit

1.00

Variable Credit

No

Contact hours

Lecture

11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 11

Proposed Effective Summer 2025

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

Problem solving for waterworks applications. Introduction to basic algebra and mathematical concepts, conversions, and calculations encountered in the waterworks industry.

Type of Course (ACTI Code)

351 - Post Secondary Remedial Math

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

WET-111

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

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 Computation
Area

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 powers and scientific notation and how it is used in the water industry;
2	explain and use dimensional anlaysis to solve mathematical problems;
3	describe how to use rounding and estimating in the water industry;
4	demonstrate proficiency in using fractions, percents, unit conversions, and decimals;
5	explain and complete basic hydraulic calculations used in the waterworks industry;
6	solve waterworks math problems equivalent to those on State of Oregon Level 1 and Washington OIT certification exams.

Major Topic Outline

1. Review of “basic” math used in water industry problem solving. Formulas for determining areas and volumes of common geometric shapes. 2. Continued review of basic math. Methods for making unit conversions in waterworks problem solving. 3. Practice calculating area and volume. 4. Introduction to the Fundamental Flow Equation. 5. Applications of the Fundamental Flow Equation. 6. Waterworks applied hydraulics, hydrostatic pressure. 7. Waterworks applied hydraulics, hydraulic detention time. 8. Waterworks applied hydraulics: flow rate, pipe size and velocity. 9. Calculating chlorine disinfectant C X T values.

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

Yes

Clean up Natural Environment

Yes

Supports Green Services

No

Percent of Course 100

Reviewer Comments

Course Change Request

Date Submitted: 04/29/25 1:14 pm

Viewing: **MTH-082C : Wastewater Math II**

Last approved: 03/29/24 3:35 am

Last edit: 05/16/25 7:08 am

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Math Course Pathways and Prerequisites](#)
- [Mathematics \(MTH\)](#)
- [Water & Environmental Technology \(WET\)](#)
- [Water & Environmental Technology, AAS](#)
- [Water & Environmental Technology, Certificate](#)

Programs
referencing this
course

- [AAS.WATERENVIRONTECH: Water & Environmental Technology](#)
- [CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 1:16 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/15/25 12:34 pm
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
2. Mar 29, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MTH - Mathematics

Course Number 082C

Department Engineering Sciences

Division Arts and Sciences

Course Title Wastewater Math II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 11

Proposed Effective Summer 2025
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

Quantitative component to understanding analysis and operations of secondary wastewater systems. Flow rate, chemical dosage, treatment plant loading, treatment process efficiency, unit conversion and process control.

Type of Course (ACTI Code)

351 - Post Secondary Remedial Math

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MTH-082A and MTH-082B

Corequisites

WET-120

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?

Winter

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction Computation
Area

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	solve wastewater math problems equivalent to those exam questions administered by the Associated Boards of Certification (ABC) through the State of Oregon Department of Environmental Quality (DEQ) at an Operator 1 (Provisional License) performance level;
2	display proficiency in basic wastewater secondary process calculations to include velocities, detention times, particle settling, pounds and mass flux;
3	develop skills in manipulating addition, subtraction, multiplication and division of both fractions and <u>decimals</u> ; decimals. Use industry standards for rounding off;
4	<u>use industry standards for rounding off;</u> demonstrate basic geometries used in the wastewater industry such as the circle and the rectangle, emphasize develop the formulae for areas and volumes that accompany these shapes and their impact to surface overflow rates and weir overflow rates;

	Upon successful completion of this course, students should be able to:
5	<u>demonstrate basic geometries used in the wastewater industry such as the circle and the rectangle, emphasize develop the formulae for areas and volumes that accompany these shapes and their impact to surface overflow rates and weir overflow rates;</u> develop skills in the formulae that express the day-to-day operation of secondary treatment processes to include lagoons, trickling filters, RBCs, and the activated-sludge process with its modifications;
6	<u>develop skills in the formulae that express the day-to-day operation of secondary treatment processes to include lagoons, trickling filters, RBCs, and the activated-sludge process with its modifications;</u> develop skills in the Scientific Calculator and in the Scientific Method to maintain unit integrity of mathematical conversions;
7	<u>develop skills in the Scientific Calculator and in the Scientific Method to maintain unit integrity of mathematical conversions;</u> show how laboratory testing (Mixed Liquor, BOD, Solids Profile) results impact process control calculations and waste removal efficiencies-
<u>8</u>	<u>show how laboratory testing (Mixed Liquor, BOD, Solids Profile) results impact process control calculations and waste removal efficiencies.</u>

Major Topic Outline

1. Ponds and Lagoons. a. Mass Solids & Organic Pond Loading Rates with TSS and BOD. b. Flowrate Pond loading rates with Q (MGD) per A (Acres), then expressed in terms of inches of "new" water added each day. c. Pond Area & Volume Calculations: c1. Average Area versus Top Area. c2. Volume using Both Top and Bottom Areas (averaged). d. Efficiency of "pollutant" removals for Ponds and Lagoons. 2. Trickling Filters. a. Areas and Volumes of Trickling Filters. b. Hydraulic & Organic Loading Rates onto Trickling Filters. c. Recirculation Ratio: $RR = QR/QI$. d. Applied Flowrate: $QA = QR + QI$. e. Efficiency of "pollutant" removals for Trickling Filters. 3. Rotating Biological Contactors (RBDs) & the Aerated (ARBC) option. a. Surface Area calculations for Plastic RBC units. b. Hydraulic & Organic Loading Rates onto RBC units. c. Efficiency of "pollutant" removals for RBC units. 4. Activated Sludge (A-S) & Modifications to the Activated Sludge Process. a. Raw Laboratory Data turned into Concentrations. b. A-S Process Loading Rates, both Organic and Solids. c. A-S Process Operational Strategies. c1. F/M. c2. MCRT. c3. SVI & SDI. d. Efficiency of "pollutant" removals for RBC units. 5. General Flowrate (Q), Area & Volume (A & V), and Concentration Discussions that lead to general analysis for all Secondary Treatment Processes. a. Two Normal Equation where concentration times volume or flowrate (mass) always equals the same mass regardless of its concentration or volume or flowrate. a1. $N1V1 = N2V2$. b. Three Normal Equation where mass plus mass always equals resulting mass. b1. $N1V1 + N2V2 = N3V3$.

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

Yes

Clean up Natural Environment

Yes

Supports Green Services

No

Percent of Course 100

Reviewer Comments

Key: 1122

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/29/25 1:15 pm

Viewing: **MTH-082D : Waterworks Math II**

Last approved: 11/07/23 5:03 am

Last edit: 04/29/25 1:15 pm

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Math Course Pathways and Prerequisites](#)
- [Mathematics \(MTH\)](#)
- [Water & Environmental Technology \(WET\)](#)
- [Water & Environmental Technology, AAS](#)
- [Water & Environmental Technology, Certificate](#)

Programs
referencing this
course

- [AAS.WATERENVIRONTECH: Water & Environmental Technology](#)
- [CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

- Curriculum Office
- DASC Curriculum Committee Outline Review Team
- Curriculum Office
- Curriculum Committee Approval
- Colleague

Approval Path

- 04/29/25 1:16 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 05/16/25 9:44 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

- Nov 7, 2023 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

jamesn@clackamas.edu

Course Prefix

MTH - Mathematics

Course Number

082D

Department

Engineering Sciences

Division

Arts and Sciences

Course Title

Waterworks Math II

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

Yes

Only Pass/No Pass

No

Audit

Yes

Min Credit

1.00

Variable Credit

No

Contact hours

Lecture

11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 11

Proposed Effective Summer 2025
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

Problem solving for waterworks applications. Introduction to contact-time (CT) calculations, how to determine chemical concentrations, the pounds formula, and basic hydraulics.

Type of Course (ACTI Code)

351 - Post Secondary Remedial Math

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MTH-082A and MTH-082B

Corequisites

WET-121

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?

Winter

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction Computation

Area

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	solve waterworks math problems equivalent to those on State of Oregon Level I and Washington OIT Certification Exams;
2	calculate the specific gravity of a solid or liquid given the weight per volume;
3	calculate the chemical dosage using the standard pounds formula;
4	determine the pounds of active chemical in a solution with a given percent solution strength and specific gravity;
5	determine the pounds of active chemical in a dry chemical reagent that has a given percent active ingredient;
6	calculate the dosage pump setting to provide a given chemical dosage in a water treatment application;
7	determine chlorine demand given information on chlorine dose and chlorine residual;
8	solve problems related to water distribution hydraulics including uneven pipe thrust, total force exerted by fluids, hydrostatic pressure, and hydraulic detention

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

Major Topic Outline

1. Introduction to solutions and solution concentrations. 2. Introduction to chlorine disinfections. 3. Introduction to C X T calculations. 4. Introduction to chemical dosage problems. 5. Chlorine profiles with the Pounds Formula. 6. Organic profiles with the Pounds Formula. 7. Manipulation of Pounds formula. 8. Application of waterworks hydraulics. 9. Pipe flow and thrust.

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

Yes

Clean up Natural Environment

Yes

Supports Green Services

No

Percent of Course 100

Reviewer Comments

Course Change Request

Date Submitted: 04/29/25 1:16 pm

Viewing: **MTH-082E : Math for High Purity Water**

Last approved: 03/29/24 3:35 am

Last edit: 04/29/25 1:16 pm

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Math Course Pathways and Prerequisites](#)
- [Mathematics \(MTH\)](#)
- [Water & Environmental Technology \(WET\)](#)
- [Water & Environmental Technology, AAS](#)
- [Water & Environmental Technology, Certificate](#)

Programs
referencing this
course

- [AAS.WATERENVIRONTECH: Water & Environmental Technology](#)
- [CC.HIPURITYWATER: High Purity Water](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 1:17 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:46 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Mar 29, 2024 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

Yes

Course Prefix MTH - Mathematics

Course Number 082E

Department Engineering Sciences

Division Arts and Sciences

Course Title Math for High Purity Water

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 11

Proposed Effective Summer 2025
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

Basic math for high purity water concepts. Measurement accuracy, rounding rules & errors, significant figures, scientific notation, metric prefixes, simple statistics, average & standard deviation of a population.

Type of Course (ACTI Code)

351 - Post Secondary Remedial Math

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

WET-125

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

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 Computation

Area

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	demonstrate measurement accuracy;
2	explain rounding rules and errors;
3	identify significant figures;
4	use scientific notation;
5	define metric prefixes;
6	explain simple statistics including average and standard deviation of a population.

Major Topic Outline

1. Measurement accuracy. 2. Rounding Rules and Errors. 3. Significant Figures. 4. Scientific Notation. 5. Metric Prefixes. 6. Simple Statistics. a. Average. b. Standard Deviation of a Population.

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

Reviewer Comments

Key: 1124

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/23/25 2:05 pm

Viewing: **MUP-150 : Contemporary Music Ensemble**

Last approved: 02/15/24 3:49 am

Last edit: 04/23/25 2:11 pm

Changes proposed by: Kathleen Hollingsworth (kathleen.hollingswor)

Catalog Pages
referencing this
course
[Music \(MUS\)](#)
[Music Performance \(MUP\)](#)

Programs
referencing this
course
[AAS.MUSICPERFTECH: Music Performance & Technology](#)
[CC.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

In Workflow

- Curriculum Office
- DASC Curriculum Committee Outline Review Team
- Curriculum Office
- Curriculum Committee Approval
- Colleague

Approval Path

- 04/23/25 2:11 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 05/15/25 3:59 pm
Eric Lee (elee):
Approved for DASC Curriculum Committee Outline Review Team

History

- Feb 15, 2024 by
Megan Feagles (megan.feagles)

	Yes
Course Prefix	MUP - Music Performance
Course Number	150
Department	Music
Division	Arts and Sciences
Course Title	Contemporary Music Ensemble

Grading

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

Contact hours

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

Community
Education/Adult

Total 44

Proposed Effective Summer 2025
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

This course is a performance ensemble open to all musicians who wish to play pop, rock, popular music. May be repeated for up to 12 credits. ~~Studies the development and performance of original compositions through intensive musical collaboration and creation. May be repeated for up to 12 credits.~~

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Can this course be repeated for credit in a degree?

Yes

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

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Pass proficiency audition

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

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	demonstrate ability to write a lead sheet;
2	demonstrate competence in musical collaboration;
3	display skills in instrumentation/arranging;
4	express skills in performing original compositions;
5	exhibit ability to prepare and promote performance.

Major Topic Outline

1. Instrumentation. 2. Arranging. 3. Composition. 4. Collaboration. 5. Promotion. 6. Performance.

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

[PSU - Portland State University](#)

Comparable

course(s)

[MUS 345](#)

How does it transfer?

[required or support for major](#)

Evidence of transferability

[Correspondence with receiving institution \(mail, fax, email, etc.\)](#)

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 05/01/25 2:27 pm

Viewing: **MUP-258 : Chamber Ensemble**

Last approved: 06/09/23 5:25 am

Last edit: 05/01/25 2:27 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/21/25 1:11 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 04/23/25 8:34 pm
Eric Lee (elee):
Rollback to Initiator
3. 05/02/25 4:11 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 05/15/25 4:05 pm
Eric Lee (elee):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Jun 9, 2023 by Megan Feagles

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 258

Department Music

Division Arts and Sciences

Course Title Chamber Ensemble

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 22.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 22

Proposed Effective Summer 2025

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

Rehearsal and performance of traditional vocal and instrumental chamber music (one musician per part). Includes concerts and coaching by area professionals. Highly recommended for music majors. Second of a two-part series. May be repeated for up to 8 credits. ~~Second of a two-part series:~~

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 8

Course Requisites

Required

Prerequisites

MUP-158 ~~(3~~ 6 credits)

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

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?

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	<u>describe key components of chamber music literature critically;</u> exhibit an appreciation of chamber music literature;
2	perform in a chamber ensemble.

Major Topic Outline

1. Grouping of students in chamber ensembles.
2. Coaching / rehearsal of chamber music.
3. Performance.

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)

~~Chamber Music~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

MUS LDT ~~Chamber Music~~

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

web page of transfer courses at OSU

OUS school to which the course will transfer

~~OSU-C - OSU-Cascade~~

Comparable

course(s)

~~Chamber Music~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

MUS-194 ~~Chamber Music~~

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Transferology

OUS school to which the course will transfer

~~SOU - Southern Oregon University~~

Comparable
course(s)

~~Chamber Music~~

How does it transfer?

~~general elective~~
~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

MUS-294T ~~Chamber Music~~

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Transferology

OUS school to which the course will transfer

~~WOU -- Western Oregon University~~

Comparable
course(s)

~~Chamber Music~~

How does it transfer?

~~general elective~~
~~required or support for major~~

Evidence of transferability

Please attach documentation

Reviewer Comments

Eric Lee (elee) (04/23/25 8:34 pm): Rollback: Hi Lars! Two comments here: 1) The first Student Learning Outcome is not really measurable--could you rework that into something that you measure in the class? (Or just drop it)? 2) We have been looking for more evidence in the course transfer section. I will send you the document via email to help with identifying the specific courses that MUP-258 transfers as.

Course Change Request

Date Submitted: 05/14/25 2:11 pm

Viewing: **MUS-090 : Preparation for Music Theory**

Last approved: 04/16/24 3:20 am

Last edit: 05/14/25 2:11 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course
[Course Descriptions](#)
[Music \(MUS\)](#)

Credits/Hours/Instructional Method Change

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 05/15/25 6:42 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/16/25 9:10 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
- 2. Apr 16, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 090

Department Music

Division Arts and Sciences

Course Title Preparation for Music Theory

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

Min Credit 2.00

Variable Credit No

Contact hours

Lecture 22.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

This course familiarizes students with terminology and building blocks used in Music Theory. Students who have played in ensembles or sang in choirs, but have not had a formal music theory program before, will find that this course prepares them to succeed in the MUS-111 through MUS-113 sequence.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

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?

Not Offered Every Term Summer

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?

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	demonstrate basic music notation as related to rhythm and pitch;
2	sightread basic rhythms;
3	identify key signatures, pitches, and related scales;
4	discuss basic harmony.

Major Topic Outline

1. Reading music notation a. basic rhythmic patterns and time signatures b. key signatures c. accidentals 2. aural recognition and keyboard application of: a. major, minor, diminished, and augmented triads b. inversions of triads c. relative key relationship d. triads within key signatures 3. use of scale degrees 4. use of solfege syllables

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

Reviewer Comments

Key: 1233

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:23 pm

Viewing: **MUS-105 : Music Appreciation**

Last approved: 10/04/23 4:44 am

Last edit: 05/14/25 2:23 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)

[AS.OSUBIOLENGR: AS, Biological Engineering, OSU](#)

[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)

[AS.PSUMECHENGR: AS, Mechanical Engineering, PSU](#)

[AS.PSUMUSIC: AS, Music, PSU](#)

[AS.TBIOLOGY: Biology \(AST\)](#)

[CC.MUSICTECH: Music Technology](#)

[NA.OTM: Oregon Transfer Module](#)

[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)

[AS.TBUSINESS: Business \(AST\)](#)

[AAS.MUSICTECH: Music Technology](#)

[NA.CTM: Core Transfer Map](#)

[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)

[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)

[AS.PSUCIVILENGR: AS, Civil Engineering, PSU](#)

[AS.PSUCOMPENGR: AS, Computer Engineering, PSU](#)

[AS.PSUCOMPSCI: AS, Computer Science, PSU](#)

[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)

[AS.OSUECOLENGR: AS, Ecological Engineering, OSU](#)

[EFA.CARTSCOMMHUM: EFA, Creative Arts, Communication & Humanities](#)

[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)

[AS.PSUELECTENGR: AS, Electrical Engineering, PSU](#)

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:43 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:11 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

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

[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)

[AA.OTELEMED: Elementary Education \(AAOT\)](#)

[AGS.GENERAL: Associate of General Studies](#)

[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

[AS.PSUENVIRENGR: AS, Environmental Engineering, PSU](#)

[AS.OSUGENHORT: AS, Horticulture, OSU](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 105

Department Music

Division Arts and Sciences

Course Title Music Appreciation

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33

Proposed Effective Summer 2025
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

For non-majors and music majors. Emphasis on engaging in the study of instrumental and vocal musical genres from the ancient period through the contemporary music of our time. Includes critical analysis, study of elements, forms, styles, composers, performers, cultural, and historical issues and events.

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

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

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?

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	engage in focused, active listening, critical analysis, and thoughtful interpretation of music; (AL1)
2	produce music-related performance critiques, programs of recorded or live music, research papers, and/or musical compositions and/or lyrics; (AL1)
3	analyze values, ethics and surrounding issues related to the conventionally accepted style periods of music's development in order to better understand and more fully engage in issues relevant to the enjoyment of music anywhere in the world, aided by an understanding of relevant instrumental and vocal musical genres from the ancient period through the contemporary music of our time; (AL2)
4	identify and analyze the ways and extent to which music has served to challenge commonly held practices, values, beliefs, and cultural norms. (CL1)

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.

P

Demonstrate appropriate reasoning in response to complex issues.

P

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

Projects

Rubrics

Thesis/Research Project

Writing Assignments

Major Topic Outline

1. What is Music? 2. The Elements of Music. a. Form. b. Rhythm. c. Melody. d. Harmony. e. Texture. f. Dynamics. 3. How to listen to Music analytically. a. Blend. b. Balance. c. Intonation. d. Style. e. Transparency. f. Tension and release. g. Intangibles. 4. Attending Performances. a. Critical Analysis. b. Written Critiques. 5. The creative process. a. Music. b. Lyrics. c. Presentation. c1. Sacred Music. c2. Secular Music. c3. Chamber Music. c4. Symphonic Music. c5. Opera. c6. Ballet. c7. World Music. c8. Instruments of the Orchestra. c9. Voice Types. c10. Ensembles. d. Message. 6. Music and culture. A. Middle Ages. B. Renaissance. C. Baroque. D. Enlightenment. E. Eighteenth Century Classicism. F. Nineteenth Century Romanticism. G. Twentieth Century. H. Religion. I. Patronage. J. Nationalism. 7. Methods of presentation: reading assignments; lectures; guest performers; guest speakers; attendance at college or professional level live performances; viewing/listening to video examples and sound recordings. 8. Student activities: web-based and library research; live interviews; focused discussion; research papers; performance critiques; music and/or lyric creation and/or analysis; creation of a program of live or recorded music.

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)

~~Music Appreciation~~

How does it transfer?

~~general education or distribution requirement~~

~~general elective~~

Evidence of transferability

~~Other. Please explain:~~

Explanation of other evidence of transferability

~~Web Transfer sites~~

OUS school to which the course will transfer

Comparable
course(s)

MUS-101: MUSIC APPRECIATION I: SURVEY ~~Music Appreciation~~

How does it transfer?

general education or distribution requirement
general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Web Transfer sites

OUS school to which the course will transfer

~~OSU-C - OSU-Cascade~~

Comparable
course(s)

~~Music Appreciation~~

How does it transfer?

~~general education or distribution requirement~~
~~general elective~~

Evidence of transferability

~~Other. Please explain.~~

Explanation of other evidence of transferability

~~Web Transfer sites~~

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

MUSLD ~~Music Appreciation~~

How does it transfer?

general education or distribution requirement

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Web Transfer sites

OUS school to which the course will transfer

~~SOU - Southern Oregon University~~

Comparable

course(s)

~~Music Appreciation~~

How does it transfer?

~~general education or distribution requirement~~

~~general elective~~

Evidence of transferability

~~Other. Please explain.~~

Explanation of other evidence of transferability

~~Web Transfer sites~~

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

MUS 100T Music Appreciation

How does it transfer?

general education or distribution requirement

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Web Transfer sites

OUS school to which the course will transfer

~~WOU - Western Oregon University~~

Comparable

course(s)

~~Music Appreciation~~

How does it transfer?

~~general education or distribution requirement~~

~~general elective~~

Evidence of transferability

~~Other. Please explain.~~

Explanation of other evidence of transferability

~~Web Transfer sites~~

Please attach documentation

Reviewer Comments

Key: 1237

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:26 pm

Viewing: **MUS-128 : Keyboard Skills I**

Last approved: 05/17/24 3:34 am

Last edit: 05/14/25 2:26 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:44 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:15 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles (megan.feagles)
2. May 17, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 128

Department Music

Division Arts and Sciences

Course Title Keyboard Skills I

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 No

Contact hours

Lecture 22.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

Develops basic keyboard skills required for study of tonal harmony and various musical activities such as vocal and instrumental rehearsals, music education and composition.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Foundational Requirement

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MUS-127

Corequisites

MUS-112, MUS-112L, and MUS-115

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?

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?

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	play keyboard instruments to demonstrate concepts studied in MUS-112;
2	improvise simple music;
3	sight-read written music;
4	transpose written music;
5	harmonize simple music in two hands.

Major Topic Outline

1. Harmonic progression. 2. Harmonization. 3. Sight-reading in two hands. 4. Playing by ear. 5. Scales and arpeggios. 6. Improvisation. 7. Transposition.

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)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Keyboard Skills I MUS LDT

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Web search

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

Keyboard Skills MUS192

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~SOU - Southern Oregon University~~

Comparable

course(s)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Keyboard Skills MUS1AAT

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~WOU - Western Oregon University~~

Comparable
course(s)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

Please attach documentation

Reviewer Comments

Key: 1252

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:28 pm

Viewing: **MUS-129 : Keyboard Skills I**

Last approved: 05/17/24 3:34 am

Last edit: 05/14/25 2:28 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:44 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:16 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles (megan.feagles)
2. May 17, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 129

Department Music

Division Arts and Sciences

Course Title Keyboard Skills I

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 No

Contact hours

Lecture 22.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

Develops basic keyboard skills required for study of tonal harmony and various musical activities such as vocal and instrumental rehearsals, music education and composition.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Foundational Requirement

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MUS-128

Corequisites

MUS-113, MUS-113L, and MUS-116

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?

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	play keyboard instruments to demonstrate concepts studied in MUS-113;
2	improvise simple music;
3	sight-read written music;
4	transpose written music;
5	harmonize simple music in two hands.

Major Topic Outline

1. Harmonic progression. 2. Harmonization. 3. Sight-reading in two hands. 4. Playing by ear. 5. Scales and arpeggios. 6. Improvisation. 7. Transposition.

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)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Keyboard Skills MUSLDT

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

Keyboard Skills MUS193

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~SOU - Southern Oregon University~~

Comparable

course(s)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Keyboard Skills MUS1AAT

How does it transfer?

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~WOU - Western Oregon University~~

Comparable
course(s)

~~Keyboard Skills~~

How does it transfer?

~~required or support for major~~

Evidence of transferability

Please attach documentation

Reviewer Comments

Key: 1253

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:30 pm

Viewing: **MUS-131 : Group Piano: Piano for Pleasure**

Last approved: 11/07/23 5:03 am

Last edit: 05/14/25 2:30 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AAS.MUSICPERFTECH: Music Performance & Technology](#)

[CC.MUSICTECH: Music Technology](#)

[AAS.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:44 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:12 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 131

Department Music

Division Arts and Sciences

Course Title Group Piano: Piano for Pleasure

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 22.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

First of three courses in a year-long sequence. Beginning classroom piano instruction for non-music majors. Includes reading, theory, technical exercises, and the opportunity to share your music with others. Beginning to intermediate level.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

[Discipline Studies](#)

[Elective Only](#)

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?

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?

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	perform simple piano works for audience;
2	exhibit confidence to perform for others;
3	demonstrate good practice habits.

Major Topic Outline

1. Reading simple music. 2. Understanding of rudimentary musical notation. 3. Basic hand position. 4. Performing for audience.

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

[PSU - Portland State University](#)

Comparable

course(s)

[MUS191](#)

How does it transfer?

[general elective](#)

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[transferology](#)

OUS school to which the course will transfer

[UO - University of Oregon](#)

Comparable

course(s)

MUS1AAT

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

Please attach documentation

Reviewer Comments

Key: 1254

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:31 pm

Viewing: **MUS-132 : Group Piano: Piano for Pleasure**

Last approved: 11/07/23 5:03 am

Last edit: 05/14/25 2:31 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AAS.MUSICPERFTECH: Music Performance & Technology](#)
[CC.MUSICTECH: Music Technology](#)
[AAS.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:45 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:12 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 132

Department Music

Division Arts and Sciences

Course Title Group Piano: Piano for Pleasure

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 22.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

Second of three courses in a year-long sequence. Beginning classroom piano instruction for non-music majors. Includes reading, theory, technical exercises, and the opportunity to share your music with others. Beginning to intermediate level.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

[Discipline Studies](#)

[Elective Only](#)

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?

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?

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	perform simple piano works for audience;
2	exhibit confidence to perform for others;
3	demonstrate good practice habits.

Major Topic Outline

1. Reading simple music. 2. Understanding of musical notation. 3. Basic hand position. 4. Performing for audience.

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

[UO - University of Oregon](#)

Comparable

course(s)

[MUS1AAT](#)

How does it transfer?

[general elective](#)

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[transferology](#)

OUS school to which the course will transfer

[PSU - Portland State University](#)

Comparable

course(s)

MUS-192

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

Please attach documentation

Reviewer Comments

Key: 1255

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:32 pm

Viewing: **MUS-133 : Group Piano: Piano for Pleasure**

Last approved: 11/07/23 5:03 am

Last edit: 05/14/25 2:32 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music \(MUS\)](#)

Programs
referencing this
course

[AAS.MUSICPERFTECH: Music Performance & Technology](#)

[CC.MUSICTECH: Music Technology](#)

[AAS.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:45 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:13 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 133

Department Music

Division Arts and Sciences

Course Title Group Piano: Piano for Pleasure

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 22.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 22

Proposed Effective Summer 2025
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

Third of three courses in a year-long sequence. Beginning classroom piano instruction for non-music majors. Includes reading, theory, technical exercises, and the opportunity to share your music with others. Beginning to intermediate level.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Elective Only

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?

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?

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	perform more advanced piano works for audience;
2	exhibit increased confidence to perform for others;
3	demonstrate good practice habits.

Major Topic Outline

1. Reading more complex music. 2. Understanding of musical notation. 3. Hand position. 4. Performing for audience.

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

[UO - University of Oregon](#)

Comparable

course(s)

[MUS-1AAT](#)

How does it transfer?

[general elective](#)

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[transferology](#)

OUS school to which the course will transfer

[PSU - Portland State University](#)

Comparable

course(s)

MUS-193

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

Please attach documentation

Reviewer Comments

Key: 1256

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/14/25 2:18 pm

Viewing: **MUS-140 : Careers in Music**

Last approved: 03/08/24 3:47 am

Last edit: 05/14/25 2:18 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

- [Course Descriptions](#)
- [Music \(MUS\)](#)

Programs
referencing this
course

- [AAS.MUSICPERFTECH: Music Performance & Technology](#)
- [CC.MUSICTECH: Music Technology](#)
- [AAS.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

- Curriculum Office
- DASC Curriculum Committee Outline Review Team
- Curriculum Office
- Curriculum Committee Approval
- Colleague

Approval Path

- 05/15/25 6:46 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 05/16/25 9:17 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

- Feb 15, 2024 by
Megan Feagles (megan.feagles)
- Mar 8, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 140

Department Music

Division Arts and Sciences

Course Title Careers in Music

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

An overview of the music industry career opportunities. Studies include recording studio management/engineering, music merchandising, promotion, music contracting, agent/personal manager, live performing, teaching, technical support, record business, video and film production/editing, retailing, and instrument repair.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

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?

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?

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	describe the range of careers in the music industry;
2	<u>describe</u> demonstrate basic principles common to success in the music business;
3	<u>create and</u> demonstrate common music industry entrance strategies.

Major Topic Outline

1. Discussion may include the following areas of the music industry. a. Studio management and engineering. b. Music merchandising. c. Artist and concert promotion. d. Music technician (electronic or traditional). e. Arts management. f. Music video production/support. g. Music retailing. h. Performing. i. Teaching. j. Music librarianship. k. Songwriting/composition. l. Music therapy. m. Instrument building/repair. n. Music journalism. o. Live sound engineering.

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

Reviewer Comments

Key: 1262

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/23/25 1:55 pm

Viewing: **MUS-218 : MPT Seminar I**

Last approved: 02/15/24 3:49 am

Last edit: 04/23/25 2:20 pm

Changes proposed by: Kathleen Hollingsworth (kathleen.hollingswor)

Catalog Pages
referencing this
course
[Course Descriptions](#)
[Music \(MUS\)](#)

Programs
referencing this
course
[AAS.MUSICPERFTECH: Music Performance & Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office

2. DASC Curriculum Committee Outline Review Team

3. Curriculum Office

4. Curriculum Committee Approval

5. Colleague

Approval Path

1. 04/23/25 1:59 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office

2. 05/16/25 9:27 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 218

Department Music

Division Arts and Sciences

Course Title MPT Seminar I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 11

Proposed Effective Summer 2025

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

First of a three-part series. For second year Music Performance and Technology AAS ~~MPT~~ students only. Seminar will cover writing, arranging, production, performance and music theory through experiential learning. Students will produce, write and arrange for each CME/Songwriters ~~CWE/Songwriters~~ concert and will produce the Annual MPT/Garage Band Festival ~~MPT-festival~~ each spring.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MUS-103, MUS-109, MUS-113L, and MUP-150

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

~~Must be a 2nd year MPT student in good standing~~

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?

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	demonstrate ability to write and arrange for the class and other projects;
2	produce and promote the CME Concert;
3	play keyboard exercises from memory;
4	read, think and converse about the philosophy of music.

Major Topic Outline

1. Writing 2. Arranging 3. Production 4. Promotion 5. Keyboard skills 6. Philosophy

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

Reviewer Comments

Key: 1285

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/23/25 1:58 pm

Viewing: **MUS-220 : MPT Seminar III**

Last approved: 11/07/23 5:03 am

Last edit: 04/23/25 1:59 pm

Changes proposed by: Kathleen Hollingsworth (kathleen.hollingswor)

Catalog Pages
referencing this
course
[Course Descriptions](#)
[Music \(MUS\)](#)

Programs
referencing this
course
[AAS.MUSICPERFTECH: Music Performance & Technology](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 04/23/25 1:59 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/15/25 4:00 pm
Eric Lee (elee):
Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

	Yes
Course Prefix	MUS - Music
Course Number	220
Department	Music
Division	Arts and Sciences
Course Title	MPT Seminar III

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	No
Min Credit	1.00
Variable Credit	No

Contact hours

Lecture	11.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community	
Education/Drivers	
Ed	

Community

Education/Adult

Total 11

Proposed Effective Summer 2025

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

Third in a three-part series. For second year Music Performance and Technology AAS ~~MPT~~ students only. Seminar will cover writing, arranging, production, performance and music theory through experiential learning. Students will produce, write and arrange for each CME/Songwriters ~~CWE/Songwriters~~ concert and will produce the Annual MPT/Garage Band Festival ~~MPT-festival~~ each spring.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MUS-219

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	demonstrate ability to write and arrange for the class and other projects;
2	produce and promote the CME Concert;
3	play keyboard exercises from memory;
4	read, think and converse about the philosophy of music.

Major Topic Outline

1. Writing 2. Arranging 3. Production 4. Promotion 5. Keyboard skills 6. Philosophy

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

Reviewer Comments

Key: 1287

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/15/25 11:45 am

Viewing: **MUS-247 : Sound for Media**

Last approved: 04/05/24 3:22 am

Last edit: 05/15/25 11:45 am

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Course Descriptions](#)
[Music \(MUS\)](#)

Programs
referencing this
course

[CC.MUSICTECH: Music Technology](#)
[CC.VIDEOPRODTECH: Video Production Technician](#)
[AAS.MUSICTECH: Music Technology](#)
[AAS.DMC1: Digital Media Communications](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 6:51 am
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 05/16/25 6:37 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 05/16/25 9:32 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Apr 5, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUS - Music

Course Number 247

Department Music

Division Arts and Sciences

Course Title Sound for Media

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

Introduction to sound as related to film making, animation, and video games. Students will have the opportunity to create and assemble sound for media into a finished product. Explores the basic components of commercial film/video, animation, and game production as they relate to sound.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

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

Experience using a DAW (Digital Audio Workstation) or video editing software

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?

Fall Fall/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?

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	describe the basic techniques used in production sound recording for video, animation, and/or video games;
2	identify the basic tools used to produce media related sound;
3	create production sound, Foley art, ADR, and sound design for media;
4	identify basic components of visual media production.

Major Topic Outline

1. Introduction of basic tools. 2. Introduction of basic techniques. 3. Introduction of film/video production components. 4. Introduction of Foley, ADR, and Sound Design techniques. 5. Introduction of Sound Design tools and techniques. a. Conception. b. Development. c. Execution. d. Final product.

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

Reviewer Comments

Megan Feagles (megan.feagles) (05/15/25 6:51 am): Rollback: this course is still listed in spring term in the AAS.MUSICTECH. Either it needs to be listed as offered in fall and spring, or it needs to be moved to fall term in the AAS.MUSICTECH.

Key: 1293

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/29/25 1:20 pm

Viewing: **WET-021 : Waterworks Operations II**

Last approved: 03/29/24 3:36 am

Last edit: 04/29/25 1:20 pm

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

[Course Descriptions](#)
[Water & Environmental Technology \(WET\)](#)

Programs
referencing this
course

[AAS.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 1:21 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/16/25 9:42 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 8, 2023 by
Megan Feagles (megan.feagles)
2. Mar 29, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

jamesn@clackamas.edu

Course Prefix WET - Water & Environmental Technology

Course Number 021

Department Engineering Sciences

Division Arts and Sciences

Course Title Waterworks Operations II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33

Proposed Effective Summer 2025

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

For professional upgrade only. Does not meet the requirements for the certificate or degree.

Basic hydrology, ground water and surface water sources, well construction and operation, introduction to water chemistry, waterworks hydraulics, and fundamentals of pumps and pumping.

Type of Course (ACTI Code)

220 - Career Technical Supplemental

CIP Code 15.0506 - Water Quality and Wastewater
Treatment Management and Recycling
Technology/Technician.

Select one of the following career areas:

Industrial and Engineering Systems

Target Population:

Water Quality Industry

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?

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?

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	describe the fundamentals of water chemistry, including a review of the atomic structure of matter, the classification of matter, chemical formulas of common chemicals used in the water industry, characteristics of acids, bases and salts, and the relationship between pH, alkalinity and water stability;
2	solve a variety of chemical dosage problems common to water treatment and disinfection;

	Upon successful completion of this course, students should be able to:
3	identify the differences between surface and groundwater sources of drinking water;
4	describe the fundamentals of water wells, including proper well construction methods, basic components of municipal water wells, fundamentals of hydrogeology, aquifer protection, and groundwater locations methods;
5	explain the water quality characteristics of groundwater and surface water, including typical treatment methods used to remove or alter contaminants in groundwater and surface water;
6	describe surface water techniques used in the Pacific NW, including an understanding of the chemicals and processes used during coagulation, sedimentation, and filtration;
7	describe the fundamentals of centrifugal pumps, including pump components and function, pump performance curves, pumping configurations, affinity laws, pump cavitation, packing and mechanical seals, and pump troubleshooting techniques.

Major Topic Outline

1. Introduction to water chemistry. 2. Basic relationships of water hardness, alkalinity and pH. 3. Introduction to drinking water sources: groundwater and surface water. 4. Secondary maximum contaminants of importance in drinking water. 5. Introduction to waterworks industry chemical dosage problems. 6. Fundamentals of hydrogeology and groundwater protection. 7. Characteristics of groundwater and common treatment techniques. 8. Characteristics of surface water and common treatment techniques. 9. Introduction to centrifugal pump concepts. 10. Centrifugal pump operation and troubleshooting. 11. Practical applications of centrifugal pumps in the waterworks industry.

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

Reviewer Comments

Key: 1521

[Preview Bridge](#)

Course Change Request

Date Submitted: 04/29/25 1:47 pm

Viewing: **WET-122 : Water Distribution and Wastewater Collection Systems**

Last approved: 11/08/23 4:57 am

Last edit: 05/17/25 11:40 am

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

[Water & Environmental Technology_\(WET\)](#)

Programs
referencing this
course

[AAS.WATERENVIRONTECH: Water & Environmental Technology](#)

[CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 1:48 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/17/25 10:39 am
Ephanie Debey (ephanie.debey):
Rollback to Curriculum Office for DASC Curriculum Committee Outline Review Team
3. 05/17/25 11:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 05/17/25 9:57 pm
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum

History

1. Nov 8, 2023 by
Megan Feagles
(megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix WET - Water & Environmental Technology

Course Number 122

Department Engineering Sciences

Division Arts and Sciences

Course Title Water Distribution and Wastewater Collection Systems

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33

Proposed Effective Summer 2025

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

Elementary engineering aspects of water distribution and wastewater collection systems. System components, construction materials, pump station design, maintenance, operations, and other related topics.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

WET-110

Corequisites

WET-120

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?

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	apply basic engineering aspects of sewer to design, flow and collection system hydraulics;
2	implement proper inspection, operation and maintenance techniques to collection systems;
3	apply the basic engineering aspects of water distribution systems to design, flow, and hydraulic principles;

	Upon successful completion of this course, students should be able to:
4	implement proper inspection, operation and maintenance of water distribution systems.

Major Topic Outline

1. Wastewater Collection System Operator: Duties and Responsibilities. 2. Why do we need Collection System Operation and Maintenance? 3. Wastewater Collection Systems: Basics/Description. 4. Safe and Safety Procedures. 5. Inspecting and Testing the Collection System. 6. Pipeline Cleaning and Maintenance. 7. Problem Solving for Open Channel Flow rates. a. Continuity. b. Manning. c. Flumes. d. Weirs.

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

Reviewer Comments

Course Change Request

Date Submitted: 04/30/25 6:50 am

Viewing: **WET-134 : Environmental Chemistry II**

Last approved: 11/08/23 4:57 am

Last edit: 04/30/25 6:50 am

Changes proposed by: Matt LaForce (laforce)

Catalog Pages
referencing this
course

[Water & Environmental Technology_\(WET\)](#)

Programs
referencing this
course

[AAS.WATERENVIRONTECH: Water & Environmental Technology](#)

[CC.WATERENVIRONTECH: Water & Environmental Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/30/25 6:51 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/17/25 10:04 pm
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 8, 2023 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix WET - Water & Environmental Technology

Course Number 134

Department Engineering Sciences

Division Arts and Sciences

Course Title Environmental Chemistry II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 22.00

Lec/Lab

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 55

Proposed Effective Summer 2025
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

Water quality testing, monitoring and reporting. The course includes the theory and application of common water quality tests for surface water, groundwater, and storm water monitoring systems. The course also covers all water quality tests for ensuring correct water treatment processes.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

WET-123

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?

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 and perform pH, acidity, alkalinity, calcium carbonate saturation, specific conductance, hardness, Pb and Cu, Jar tests, and free residual chlorine tests;
2	perform, interpret, and produce a report for common water quality tests;
3	utilize a laboratory spectrophotometer to analyze selected ions in water;
4	perform simple quality assurance procedures for each of the lab procedures performed;
5	describe the significance of selected water tests, including an understanding of the importance of the test to water treatment plant operators.

Major Topic Outline

1. Introduction to quality assurance in the laboratory. 2. Storm water monitoring parameters and applications. 3. Fundamentals of pH measurement and meter calibration. 4. pH and Acidity. 5. Alkalinity. 6. Calcium Carbonate Saturation. 7. Introduction of the use of a laboratory spectrophotometer and HPLC. 8. Water hardness and the marble test. 9. Jar Tests. 10. Free Residual Chlorine Monitoring. 11. Chlorine demand of raw and finished water.

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

Reviewer Comments

Key: 1540

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/19/25 9:22 am

Viewing: **WLD-250 : Welding Fabrication I**

Beginning Project

Last approved: 04/20/24 3:24 am

Last edit: 05/19/25 9:22 am

Changes proposed by: Melissa Harris (melissa.harris)

Catalog Pages
referencing this
course

[Welding Technology_\(WLD\)](#)

Programs
referencing this
course

[AAS.WELDINGTECH: Welding Technology](#)

[CC.ENTRYWLDTECH: Entry Level Welder](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DTPS Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 05/15/25 10:54 am
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 05/19/25 9:27 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 05/22/25 9:14 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Nov 8, 2023 by
Megan Feagles (megan.feagles)
2. Apr 20, 2024 by
Sharon Brown

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix WLD - Welding Technology

Course Number 250

Department Automotive and Welding Department

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Welding Fabrication I Beginning Project

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

Lec/Lab 88.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 88

Proposed Effective Summer 2025

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

This course consists of lecture and lab and provides instruction in fabrication techniques including blueprint reading, layout, sketching, bills of material, job cost calculations, measuring, fitting, cutting and welding. Students will be assigned beginning fabrication projects. The student will be responsible for all aspects of managing the project to successful completion.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

WLD-111, WLD-111A and WLD-111B, WLD-113, WLD-113A and WLD-113B, WLD-115, or WLD-115A and WLD-115B ~~WLD-111, WLD-113, or WLD-115~~

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

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?

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	recognize and demonstrate how to prevent safety hazards in the shop;
2	identify what type of personal protective equipment is needed for a job;
3	interpret and draw basic blueprint welding symbols;
4	write up a bill of materials;
5	estimate the cost of a job;
6	choose the appropriate welding process for a job;
7	apply layout techniques;

	Upon successful completion of this course, students should be able to:
8	measure and cut accurately;
9	fabricate projects while staying within tolerances.

Major Topic Outline

1. Shop safety. 2. Measuring. 3. Jigs and fixtures. 4. Blueprint reading. 5. Finishing. 6. Welding symbols. 7. Final inspection. 8. Shop math.

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

Yes

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course

5

Reviewer Comments

Course Change Request

Date Submitted: 04/25/25 3:43 pm

Viewing: **Z-201 : General Zoology**

Last approved: 10/30/23 4:51 am

Last edit: 04/28/25 6:45 am

Changes proposed by: Jennifer Bown (jenb)

Catalog Pages
referencing this
course

[Zoology_\(Z\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)

[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)

[AS.PSUMUSIC: AS, Music, PSU](#)

[AS.OSUBIOLOGY: AS, Biology, OSU](#)

[NA.OTM: Oregon Transfer Module](#)

[AS.OSUARCHENGR: AS, Architectural Engineering, OSU](#)

[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)

[AS.TBUSINESS: Business \(AST\)](#)

[NA.CTM: Core Transfer Map](#)

[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)

[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)

[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)

[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)

[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)

[AA.OTELEMED: Elementary Education \(AAOT\)](#)

[AGS.GENERAL: Associate of General Studies](#)

[AA.ENGLIT: English \(AAT\)](#)

[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 9:37 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/07/25 2:56 pm
Nora Brodnicki
(norab): Approved
for DASC Curriculum
Committee Outline
Review Team

History

1. Oct 30, 2023 by
Megan Feagles
(megan.feagles)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix Z - Zoology

Course Number 201

Department Science

Division Arts and Sciences

Course Title General Zoology

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

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

A lecture and lab course offering cellular and molecular basis of animal life including genetics, embryology, evolution, systematics, and protozoan diversity.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MTH-095 or placement in MTH-111Z

Corequisites

Z-201L

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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)

Sciences

Equivalent Courses

Equivalent Active Courses

[BI-215](#) - [General Zoology](#)

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	demonstrate the ability to comprehend and communicate basic scientific principles and concepts important to an understanding of major topics relating to zoology; (SC1)(SC2)
2	demonstrate the ability to think critically and problem solve, particularly in applying biological concepts to current situations in Zoology and their influences on our society; (SC1)(SC3)
3	apply the scientific method by designing and conducting experiments, analyzing data, and concluding in written laboratory reports; (SC2)
4	communicate the theories of the origin of life and its chemical basis, relating it to the evolutionary process; (SC1)
5	comprehend the various cellular processes including transportation, chemical reactions, division, and metabolism of animals; (SC1)

	Upon successful completion of this course, students should be able to:
6	comprehend the structure of DNA and describe its role in genetics, protein synthesis, and animal development; (SC1)
7	comprehend the process of evolution and natural selection and their influence on everyday occurrences in our society; (SC1)(SC3)
8	describe the current and past classification systems and apply to the Protozoan groups and the Animal Kingdom. (SC3)

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.

P

Demonstrate appropriate reasoning in response to complex issues.

P

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.

MA: Mathematics Outcomes

Use appropriate mathematics to solve problems.

P

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

SC: Science or Computer Science Outcomes

Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.

S

Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Multiple Choice Test

Projects

Standardized Testing

Thesis/Research Project

Writing Assignments

Major Topic Outline

1. Biological Principles and the Science of Zoology. a. Properties of Life. b. Zoology as a part of Biology. c. Principles of Science. d. Theories of Evolution and Heredity. 2. Origin and Chemistry of Life. a. Organic Molecular Structure. a1. Major Organic groups. a2. Importance of water. a3. pH and its significance to life. b. Chemical Evolution. c. Origin of Living Systems. d. Precambrian Life. 3. Cells as Units of Life. a. The cell theory. b. Organization of Cells. c. Mitosis and Cell Division. 4. Cellular Metabolism. a. Energy and Laws of Thermodynamics. b. Role of Enzymes. c. ATP and Chemical Energy Transfer. d. Cellular Respiration. e. Metabolism of Lipids and Proteins. f. Management of Metabolism. 5. Genetics. a. Mendel's Investigations and the Chromosomal Basis on Inheritance. b. Mendelian Laws of Inheritance and the Gene Theory. c. DNA and its replication. d. Sources of Phenotypic Variation. 6. Organic Evolution a. Darwinian concepts and natural selection. b. Revisions of Darwin's Theory – current research and influences on society

c. Speciation (process and events). d. Macro and Microevolution and major Evolutionary Events – influences on current research trends and societal attitudes. 7. The Reproductive Process. a. Reproductive Processes and Patterns of animals. b. Origin and Maturation of Germ Cells/Tissues. c. Male and Female Reproductive Systems. d. Endocrine Events that Orchestrate Reproduction. 8. Principles of Development. a. Early concepts (Preformation versus Epigenesis) – historic and current theories (societal influences on perception of scientific findings). b. Fertilization. c. Cleavage and early development. d. Gastrulation and Formation of Germ Layers. e. Mechanisms of Embryonic Development. f. Gene Expression during Development. g. Vertebrate Development. h. Development of Organs and Organ Systems. 9. Architectural Pattern of an Animal. a. Hierarchical Organization of Animal Complexity. b. Extracellular Components of Metazoan Bodies. c. Types of Tissues. d. Animal Body Plans. 10. Classification and Phylogeny of Animals. a. Linnaeus and the Development of Classification – historic & current societal attitude of classification systems. b. Species concepts. c. Taxonomic Characters and Phylogenetic Classification. d. Major Division of Life. e. Major Subdivisions of the Animal Kingdom. e1. Protozoan groups. e2. Invertebrate & Vertebrates groups. 11. Protozoan Groups. a. Form and Function of Protozoans. b. Overview of the current Protozoan Groups. b1. Phyla Retortamonada, Axostylata, Chlorophyta, Euglenozoa, Apicomplexa, Ciliophora, Dinoflagellata. b2. Ameobas. c. Phylogenetics and Adaptive Radiations.

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)

lower division transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Equivalences transfer tables

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

lower division transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Equivalences transfer tables

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

lower division transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Equivalences transfer tables

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 04/25/25 3:49 pm

Viewing: **Z-202 : General Zoology**

Last approved: 10/30/23 4:51 am

Last edit: 05/16/25 7:26 am

Changes proposed by: Jennifer Bown (jenb)

Catalog Pages
referencing this
course

[Zoology_\(Z\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)

[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)

[AS.PSUMUSIC: AS, Music, PSU](#)

[AS.OSUBIOLOGY: AS, Biology, OSU](#)

[NA.OTM: Oregon Transfer Module](#)

[AS.OSUARCHENGR: AS, Architectural Engineering, OSU](#)

[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)

[AS.TBUSINESS: Business \(AST\)](#)

[NA.CTM: Core Transfer Map](#)

[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)

[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)

[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)

[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)

[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)

[AA.OTELEMED: Elementary Education \(AAOT\)](#)

[AGS.GENERAL: Associate of General Studies](#)

[AA.ENGLIT: English \(AAT\)](#)

[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/29/25 9:37 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 05/02/25 8:57 am
Deanna Myers
(deanna.myers):
Approved for DASC
Curriculum
Committee Outline
Review Team

History

1. Oct 30, 2023 by
Megan Feagles
(megan.feagles)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix Z - Zoology

Course Number 202

Department Science

Division Arts and Sciences

Course Title General Zoology

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

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

A lecture and lab course covering the maintenance of the cellular, tissue, and & organ levels of invertebrates, evolution of animal systems and the diversity of the invertebrate animal phyla.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MTH-095 with a C or better or placement in MTH-111Z

Corequisites

Z-202L

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

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?

Yes

General Education Outcome(s)

Sciences

Equivalent Courses

Equivalent Active Courses

[BI-216 - General Zoology](#)

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	demonstrate the ability to comprehend and communicate basic scientific principles and concepts important to an understanding invertebrate animals; (SC1)(SC2)
2	critically evaluate existing and alternative explanations of the evolution of invertebrate anatomy and physiology; (SC2)
3	demonstrate the ability to think critically and problem solve, particularly in applying theoretical concepts to current situations in invertebrate Zoology and societal influences; (SC1)(SC3)
4	apply the scientific method by designing and conducting experiments, analyzing data, and concluding in written laboratory reports; (SC2)
5	critically examine survival strategies for various invertebrate animals and their influences on human society; (SC3)
6	asses the strength and weaknesses of current classification systems as they apply to invertebrate animals. (SC3)

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.

P

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.

MA: Mathematics Outcomes

Use appropriate mathematics to solve problems.

P

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

SC: Science or Computer Science Outcomes

Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.

S

Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Multiple Choice Test

Projects

Standardized Testing

Thesis/Research Project

Writing Assignments

Major Topic Outline

1. Classification and Phylogeny of Animals. a. Linnaeus and the Development of Classification – historic & current societal attitudes of classification systems. b. Taxonomic Characters and Phylogenetic Classification. c. Major Subdivisions of the Animal Kingdom. 2. Mesozoa and Parazoa. a. Theories on the origins of Metazoa. b. Diversity of simple animals. b1. Phyla Mesozoa, Placozoa, and Porifera. 3. Radiate Animals. a. Form and Function of Radiates. b. Phylogenetics and Diversity of Radiates. b1. Phyla Cnidaria, Ctenophora. 4. Acoelomate Bilateral Animals. a. Form and Function of Acoelomates. b. Phylogenetics and Diversity. b1. Phyla Platyhelminthes, Nemertea. 5. Pseudocoelomate Animals. a. Form and Function of Pseudocoelomates. b. phylogenetics and Diversity of Smaller Protozoans. b1. Phyla Nematoda, Rotifera, Ectoprocta, Phorinda. c. Parasitic survival strategies and their influences on society. 6. Molluscs. a. Form and Function of Molluscs. b. Phylogenetics and Diversity of Molluscan Classes. c. Economic and societal issues involving this group. 7. Segmented Worms & Rotifers. a. Form and Function of Segmented Worms. b. Phylogenetics and Diversity. b1. Phylum Annelida: Class Polychaeta, Oligochaeta, Hirundinea. b2. Phylum Rotifera. c. Evolutionary significance of Metamerism. 8. Arthropods. a. Form and Function of Phylum Arthropoda. a1. Phylogenetics and Diversity. a2. Subphyla Trilobita, Chelicerata. c. Adaptive Radiation within this Phylum. d. Economic and societal issues involving this group. 9. Crustaceans. a. Form and Function of Subphyla Crustacea. b. Brief Survey of Crustaceans. c. Phylogenetics and Adaptive Radiations. 10. Hexapods. a. Form and Function of Terrestrial Mandibulates. b. Phylogenetics and Brief Survey of Diversity. b1. Class Chilopoda, Diplopoda, Pauropoda, Symphyla, Insecta. c. Insects

and Human Interactions. d. Adaptive Radiation within this group. 11. Echinoderms and Hemichordates. a. Form and Function of Echinoderms and Hemichordates. b. Phylogenetics and Diversity. b1. Phyla Echinodermata, Hemichordata. c. Adaptive Radiation within this group. 12. Form and Function of Each Group listed above includes: a. Control systems. a1. Neural. a2. Endocrine. a3. Molecular. b. Strategies for: b1. Feeding. b2. Digestion. b3. Respiration. b4. Circulation including immunity. b5. Excretion. b6. Movement. c. Reproduction and Development. d. Behavior. e. Survival Strategies – integrate all the above categories in discussions of evolutionary strategies and their societal influences both historic and current.

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)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

OUS school to which the course will transfer

UO - University of Oregon

Comparable
course(s)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 04/25/25 3:35 pm

Viewing: **Z-203 : General Zoology**

Last approved: 03/29/24 3:36 am

Last edit: 04/25/25 3:35 pm

Changes proposed by: Jennifer Bown (jenb)

Catalog Pages
referencing this
course
[Zoology_\(Z\)](#)

Programs
referencing this
course

[AS.OSUINDENG: AS, Industrial Engineering, OSU](#)
[AS.OSUSMECHENGR: AS, Mechanical Engineering, OSU](#)
[AS.PSUMUSIC: AS, Music, PSU](#)
[AS.OSUBIOLOGY: AS, Biology, OSU](#)
[NA.OTM: Oregon Transfer Module](#)
[AS.OSUARCHENGR: AS, Architectural Engineering, OSU](#)
[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)
[AS.TBUSINESS: Business \(AST\)](#)
[NA.CTM: Core Transfer Map](#)
[AS.OSUCHEMENGR: AS, Chemical Engineering, OSU](#)
[AS.OSUCIVILENGR: AS, Civil Engineering, OSU](#)
[AS.OSUCONENRMGT: AS, Construction Engineering Management, OSU](#)
[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)
[AA.OREGONTRANSFER: Associate of Arts Oregon Transfer \(AAOT\)](#)
[AA.OTELEMED: Elementary Education \(AAOT\)](#)
[AGS.GENERAL: Associate of General Studies](#)
[AA.ENGLIT: English \(AAT\)](#)
[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 04/29/25 9:37 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 2. 05/02/25 8:42 am
Debra Carino (dcarino): Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Oct 30, 2023 by
Megan Feagles (megan.feagles)
- 2. Mar 29, 2024 by
Megan Feagles (megan.feagles)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix Z - Zoology

Course Number 203

Department Science

Division Arts and Sciences

Course Title General Zoology

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

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 33

Proposed Effective Summer 2025
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

A lab course covering diversity of the more complex invertebrate and vertebrate animal phyla.
Includes animal anatomy/physiology, animal behavior, distribution, ecology and conservation.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MTH-095 with a C or better or placement in MTH-111Z

Corequisites

Z-203L

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

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?

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?

Yes

General Education Outcome(s)

Sciences

Equivalent Courses

Equivalent Active Courses

[BI-217 - General Zoology](#)

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	demonstrate the ability to comprehend and communicate basic scientific principles and concepts important to an understanding vertebrate animals; (SC1)(SC2)
2	critically evaluate existing and alternative explanations of the evolution of vertebrate anatomy and physiology and animal behavior; (SC2)
3	demonstrate the ability to think critically and problem solve, particularly in applying theoretical concepts to current situations in vertebrate zoology, conservation, and societal issues; (SC1)(SC3)
4	apply the scientific method by designing and conducting experiments, analyzing data, and concluding in written laboratory reports; (SC2)
5	critically examine survival strategies for various vertebrate animals and their influences on human society; (SC3)
6	asses the strength and weaknesses of current scientific research on animal ecology and conservation biology; (SC3)

	Upon successful completion of this course, students should be able to:
7	gather, comprehend, and communicate research findings on wildlife preserves and their importance in conservation, presenting their findings to peers. (SC1)

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.

P

Demonstrate appropriate reasoning in response to complex issues.

P

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.

MA: Mathematics Outcomes

Use appropriate mathematics to solve problems.

P

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

P

SC: Science or Computer Science Outcomes

Gather, comprehend, and communicate scientific and technical information in order to explore ideas, models, and solutions and generate further questions.

S

Apply scientific and technical modes of inquiry, individually, and collaboratively, to critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Assess the strengths and weaknesses of scientific studies and critically examine the influence of scientific and technical knowledge on human society and the environment.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Multiple Choice Test

Presentations

Projects

Standardized Testing

Thesis/Research Project

Writing Assignments

Major Topic Outline

1. Diversity of the Chordate Animals. a. Five Chordate Hallmarks. b. Ancestry and Evolution – current and historic research and how the classification has been influenced. c. Brief Survey of Chordate groups. c1. Subphyla Urochordata, Cephalochordata, Vertebrata. 2. Fishes a. Ancestry and Relationships of Major Groups of Fish – evolution of first Vertebrates and the change in societal attitudes. b. Living Jawless Fish. c. Phylogenetics and Diversity of Fish. c1. Class Chondrichthyes. c2. Osteichthyes (Bony fish). d. Structural and Functional Adaptations of Fishes. 3. Early Tetrapods and Modern Amphibians. a. Movement onto Land. b. Early evolution of Terrestrial Vertebrates – historic and current research finding (strength and weaknesses). c. Modern Amphibian form, function, and diversity. 4. Amniote Origins and Reptilian Groups. a. Origin and Adaptive Radiation of Reptilian Groups – historic and current research finding (strength and weaknesses). b. Distinguishing Characteristics of Reptiles (compare to Amphibians). c. Characteristics and Natural History of Reptilian Orders. 5. Birds. a. Evolutionary theories of origin and Relationships - historic and current research finding (strength and weaknesses). b. Form and Function of Birds. c. Migration and Navigation. d. Social Behavior and

Reproduction. e. Bird Populations. 6. Mammals. a. Origin and Evolution of Mammals - historic and current research finding (strength and weaknesses). b. Structural and Functional Adaptations of Mammals. c. Humans and Mammals. d. Human Evolution. 7. Animal Behavior. a. Principles of Classical Ethology. b. Categories of Behavior. c. Control of Behavior. d. Social Behavior (altruism and kin selection) – applications to human society. 8. Animal Distribution and Ecology. a. Distribution of Life on Earth and animals (Zoogeography). b. Biomes and Life Zones. c. Population growth and interactions. d. Tacking populations using new technology (GPS, GIS). e. Hierarchy of Ecology. f. Ecosystems and Symbiotic Relationships. 9. Conservation Biology. a. Biodiversity and its decline – relate to human society. a1. Reasons for decline. b. Ecological Disturbances due to human influences. b1. Ozone Depletion. b2. Greenhouse Effect. b3. Chemical releases & Biological Magnification. b4. Habitat Fragmentation (Edges and Island effects). c. Restoration Ecology. d. Goals of Conservation and their impacts on society. 10. Form and Function of Each Group includes: a. Control systems. a1. Neural. a2. Endocrine. a3. Molecular. b. Strategies for: b1. Feeding. b2. Digestion. b3. Respiration. b4. Circulation including immunity. b5. Excretion. b6. Movement. c. Reproduction and Development.

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)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

Lower Division Transfer (Z-LDT)

How does it transfer?

general education or distribution requirement

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Online Course Equivalency Transfer tables

Please attach documentation

Reviewer Comments

Key: 2045

[Preview Bridge](#)

Course	Current Hours/Credits	Proposed Hours/Credits
HOR-120	12 LECT/1 Credit	11 LECT/1 Credit

Course Change Request

Date Submitted: 05/01/25 7:46 am

Viewing: **HOR-120 : Pesticide Laws & Safety**

Last approved: 11/07/23 5:02 am

Last edit: 05/01/25 7:46 am

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages
referencing this
course

[Horticulture/Arboriculture/Landscape/Organic Farming.\(HOR\)](#)

Programs
referencing this
course

- [AAS.LANDSCAPEMGMGT: Landscape Management](#)
- [AAS.LANDMGMTARBOR: Landscape Management AAS, Arboriculture Option](#)
- [CC.LANDSCAPEPRAC: Landscape Practices](#)
- [CC.PLANTHEALMGT: Plant Health Management](#)
- [AAS.HORT1: Horticulture](#)
- [CC.HORT: Horticulture](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 05/01/25 6:22 am
Megan Feagles (megan.feagles): Rollback to Initiator
- 2. 05/01/25 7:47 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 3. 05/17/25 9:46 pm
Nora Brodnicki (norab): Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Reason for proposal

We are moving this course to a 1 lecture hour per week, 11-week course. This is in response to student feedback that the condensed timeframe makes studying and synthesizing the large quantity of information too difficult. Previously, it was a 5-week course, 2 hours per week. It looks like the old 12 lecture hour number was an error and should have been 10.

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix HOR -
Horticulture/Arboriculture/Landscape/Organic
Farming

Course Number 120

Department Horticulture

Division Arts and Sciences

Course Title Pesticide Laws & Safety

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00
~~12.00~~

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 11 ~~12~~

Proposed Effective Summer 2025

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

This course engages students with the laws, regulations, and best management practices used to control pests, weeds, and diseases. Focus on applicator safety, environmental protection, and storage and handling requirements. Prepares students to sit for the Oregon Pesticide Laws & Safety exam.

Type of Course (ACTI Code)

210 - Career Technical Preparatory

Is this class challengeable?

Yes

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?

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	explain safe and proper pesticide transportation, storage, application, clean-up, and disposal;
2	discuss and access current state and federal laws, regulations, and record keeping requirements;
3	recognize and choose appropriate chemical control methods for weed, disease and insect pests based on site factors;

	Upon successful completion of this course, students should be able to:
4	describe the components of Integrated Pest Management (IPM).

Major Topic Outline

1. Compare and interpret product labels and safety data sheets 2. Choosing proper Personal Protective Equipment (PPE) 3. Chemical toxicity and First aid 4. Federal and state laws, regulations, and record keeping requirements 5. Site and environmental considerations 6. Integrated Pest Management (IPM) 7. Safe chemical transportation, storage, application and disposal 8. Common chemical controls for weeds, diseases and insects

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

Reviewer Comments

Program	Implementation
Horticulture AAS	2025/SU
Horticulture CC	2025/SU
Landscape Management AAS	2025/SU
Landscape Management AAS, Arboriculture Option	2025/SU
Organic Farming CC	2025/SU

Program Change Request

Date Submitted: 05/27/25 12:10 pm

Viewing: **AAS.HORT1 : Horticulture**

Last approved: 02/07/25 8:47 am

Last edit: 05/27/25 12:34 pm

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages Using
this Program
Horticulture, AAS

Change Type
College Council Review
No

Program Contact Information

Are you the Faculty Contact Person?

Yes

In Workflow

- 1. Curriculum Office
- 2. HORT Chair
- 3. DASC Dean
- 4. Curriculum Office
- 5. Curriculum Committee Approval

Approval Path

- 1. 05/27/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/27/25 1:12 pm
Christopher Konieczka (chrisk):
Approved for HORT Chair
- 3. 05/27/25 1:24 pm
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

- (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)
11. Mar 15, 2024 by
April Chastain
(april.chastain)
12. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
13. Jun 11, 2024 by
Megan Feagles
(megan.feagles)
14. Nov 15, 2024 by
Christopher
Konieczka (chrisk)
15. Feb 7, 2025 by
Christopher
Konieczka (chrisk)

Program Overview

Name of Proposed Program

Horticulture

Program Code	AAS.HORT1
Award (CCWD)	
AAS Degree (90-108 credits) (AAS)	
Type of Program (CCC)	Associate of Applied Science (AAS)
Educational Focus Area	Natural Resources
Effective Catalog Edition	2025-2026
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:

	Outcome(s)
1	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;
2	identify common woody plants in the landscape;
3	recognize and evaluate key pests and propose solutions based on IPM strategies;
4	use a basic understanding of plant biology and soil science to make sound decisions in the production and maintenance of plants;

	Outcome(s)
5	display effective decision making, time management and project management skills in the horticulture industry;
6	communicate effectively with co-workers and customers through speaking, writing and computer technology.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term		Credits
<u>HOR-111</u>	Horticulture Practicum/Fall	2.00
<u>HOR-115</u>	Horticulture Safety	1.00
<u>HOR-223</u>	Applied Plant Science	4.00
<u>HOR-226</u>	Plant Identification/Fall	4.00
Select one of the following:		4.00-5.00
<u>MTH-050</u>	Technical Mathematics I	
<u>MTH-065</u>	Algebra II	
Higher Level Math or Statistics		
	Credits	15-16

Winter Term

<u>HOR-133</u>	Horticulture Practicum/Winter	2.00
<u>HOR-216</u>	Integrated Pest Management	3.00
<u>HOR-222</u>	Horticultural Computer Applications	2.00
<u>HOR-227</u>	Plant Identification/Winter	4.00
<u>HOR-230</u>	Equipment Operation & Maintenance	2.00
	Credits	13

Spring Term

<u>HOR-112</u>	Horticulture Career Exploration	2.00
<u>HOR-120</u>	Pesticide Laws & Safety	1.00
<u>HOR-140</u>	Soils	3.00
<u>HOR-143</u>	Horticulture Practicum/Spring	2.00
<u>HOR-228</u>	Plant Identification/Spring	4.00
<u>WR-101</u>	Workplace Writing	4.00
or <u>WR-121Z</u>	or Composition I	
	Credits	16

Summer Term

<u>HOR-281</u>	Horticulture/CWE	6.00
or <u>HOR-280</u> and <u>HOR-282</u>	or Horticulture/CWE and Horticulture/CWE	
	Credits	6

Second Year

Fall Term

BA-285	Human Relations in Business	4.00
or COMM-100Z	or Introduction to Communication	
or COMM-111Z	or Public Speaking	
or COMM-140	or Introduction to Intercultural Communication	
or COMM-218Z	or Interpersonal Communication	
HOR-118	Spanish for Horticulture	4.00
HOR-235	Weed Identification	2.00
or HOR-236	or Insect Identification	
Production and Management Focus Area courses		2.00-3.00
Electives		3.00
Credits		15-16

Winter Term

BA-119	Project Management Practices	2.00
HOR-231	Irrigation Design	3.00
HOR-237	Disease Identification	2.00
Production and Management Focus Area courses		3.00
Electives		6.00
Credits		16

Spring Term

BA-207	Prepping for Business Success	4.00
HOR-240	Irrigation Practices	3.00
Production and Management Focus Area courses		2.00-4.00
Electives		5.00
Credits		14-16
Total Credits		95-99

Production and Management Focus Area

Arboriculture

HOR-262	Treework Practicum I	2.00
HOR-131	Tree & Shrub Pruning	3.00
HOR-261	Tree Diagnostics	2.00

Greenhouse/Nursery

HOR-130	Plant Propagation Techniques	3.00
HOR-122	Greenhouse I	3.00
HOR-142	Greenhouse II	3.00

Landscape

<u>HOR-224</u>	Landscape Installation	3.00
<u>HOR-131</u>	Tree & Shrub Pruning	3.00
<u>HOR-123</u>	Landscape Maintenance	3.00
Organic Farming		
<u>HOR-113</u>	Organic Farming Practicum/Fall	3.00
<u>HOR-136</u>	Organic Farming Practicum/Winter	3.00
<u>HOR-141</u>	Organic Farming Practicum/Spring	4.00

Electives

Summer		
<u>HOR-146</u>	Fruit & Berry Growing	3.00
<u>HOR-211</u>	Native Plant Identification	1.00
<u>HOR-284</u>	Organic Farming Practicum/Summer	3.00
Fall		
<u>HOR-113</u>	Organic Farming Practicum/Fall	3.00
<u>HOR-124</u>	Food Harvest	3.00
<u>HOR-130</u>	Plant Propagation Techniques	3.00
<u>HOR-212</u>	Flower Arranger's Garden	2.00
<u>HOR-224</u>	Landscape Installation	3.00
<u>HOR-225</u>	Arboriculture I	3.00
<u>HOR-235</u>	Weed Identification	2.00
<u>HOR-236</u>	Insect Identification	2.00
<u>HOR-252</u>	Kitchen Herbs	1.00
<u>HOR-262</u>	Treework Practicum I	2.00
Winter		
<u>HOR-122</u>	Greenhouse I	3.00
<u>HOR-131</u>	Tree & Shrub Pruning	3.00
<u>HOR-136</u>	Organic Farming Practicum/Winter	3.00
<u>HOR-229</u>	Introduction to Landscape Design	3.00

<u>HOR-239</u>	Tree Climber Training	1.00
<u>HOR-251</u>	Herbal Products	1.00
<u>HOR-260</u>	Arboriculture II	3.00
<u>HOR-290</u>	Special Topics in Horticulture	1.00
Spring		
<u>HOR-123</u>	Landscape Maintenance	3.00
<u>HOR-135</u>	Propagation of Edible Plants	3.00
<u>HOR-141</u>	Organic Farming Practicum/Spring	4.00
<u>HOR-142</u>	Greenhouse II	3.00
<u>HOR-213</u>	Computer-Aided Landscape Design	3.00
<u>HOR-214</u>	Organic Cut Flower Farming	2.00
<u>HOR-215</u>	Herbaceous Perennials	3.00
<u>HOR-234</u>	Advanced Landscape Design	3.00
<u>HOR-244</u>	Ecological Landscape Design	3.00
<u>HOR-246</u>	Organic Gardening	2.00
<u>HOR-249</u>	Landscape Bidding and Estimating	1.00
<u>HOR-250</u>	Organic Herb Growing	1.00
<u>HOR-261</u>	Tree Diagnostics	2.00
<u>HOR-263</u>	Plant Health Care Practicum	2.00
Multiple Terms		
<u>BA-223</u>	Principles of Marketing	4.00
<u>FYE-101</u>	First Year Experience Level I	2.00
<u>HOR-281</u>	Horticulture/CWE	6.00
or <u>HOR-280</u> & <u>HOR-282</u>	Horticulture/CWE and Horticulture/CWE	
<u>WET-109</u>	Backflow Assembly Operation and Testing	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 05/27/25 12:11 pm

Viewing: **CC.HORT : Horticulture**

Last approved: 02/07/25 8:47 am

Last edit: 05/27/25 12:51 pm

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages Using
this Program
[Horticulture, Certificate](#)

Change Type
College Council Review
No

Program Contact Information

Are you the Faculty Contact Person?

Yes

In Workflow

- 1. Curriculum Office
- 2. HORT Chair
- 3. DASC Dean
- 4. Curriculum Office
- 5. Curriculum Committee Approval

Approval Path

- 1. 05/27/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/27/25 1:12 pm
Christopher Konieczka (chrisk):
Approved for HORT Chair
- 3. 05/27/25 1:24 pm
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

- (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. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
9. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
10. Jun 5, 2024 by
Megan Feagles
(megan.feagles)
11. Feb 7, 2025 by April
Chastain
(april.chastain)

Program Overview

Name of Proposed Program

Horticulture

Program Code CC.HORT

Award (CCWD)

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

Parent Program

AAS.HORT1

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

Educational Focus Natural Resources
Area

Effective Catalog Edition	2025-2026
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:

	Outcome(s)
1	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;
2	identify common woody plants in the landscape;
3	implement IPM strategies in the horticulture industry;
4	use a basic understanding of plant biology and soil science to make sound decisions in the production and maintenance of plants;
5	communicate effectively with co-workers and customers through speaking, writing, and computer technology.

Proposed Curriculum

Plan of Study Grid

Fall Term		Credits
<u>HOR-111</u>	Horticulture Practicum/Fall	2.00
<u>HOR-115</u>	Horticulture Safety	1.00
<u>HOR-223</u>	Applied Plant Science	4.00

<u>HOR-226</u>	Plant Identification/Fall	4.00
Select one of the following:		4.00-5.00
<u>MTH-050</u>	Technical Mathematics I	
<u>MTH-065</u>	Algebra II	
Higher Level Math or Statistics		
	Credits	15-16
Winter Term		
<u>HOR-133</u>	Horticulture Practicum/Winter	2.00
<u>HOR-216</u>	Integrated Pest Management	3.00
<u>HOR-222</u>	Horticultural Computer Applications	2.00
<u>HOR-227</u>	Plant Identification/Winter	4.00
<u>HOR-230</u>	Equipment Operation & Maintenance	2.00
	Credits	13
Spring Term		
<u>BA-285</u>	Human Relations in Business	4.00
or <u>COMM-100Z</u>	or Introduction to Communication	
or <u>COMM-111Z</u>	or Public Speaking	
or <u>COMM-140</u>	or Introduction to Intercultural Communication	
or <u>COMM-218Z</u>	or Interpersonal Communication	
<u>HOR-112</u>	Horticulture Career Exploration	2.00
<u>HOR-120</u>	Pesticide Laws & Safety	1.00
<u>HOR-140</u>	Soils	3.00
<u>HOR-143</u>	Horticulture Practicum/Spring	2.00
<u>HOR-228</u>	Plant Identification/Spring	4.00
	Credits	16
Summer Term		
<u>HOR-280</u>	Horticulture/CWE	3.00
<u>WR-101</u>	Workplace Writing	4.00
or <u>WR-121Z</u>	or Composition I	
	Credits	7
	Total Credits	51-52

Reviewer
Comments

Program Change Request

Date Submitted: 05/27/25 12:12 pm

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

Last approved: 02/07/25 8:47 am

Last edit: 05/27/25 12:42 pm

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages Using
this Program
Landscape Management, AAS

Change Type
College Council Review
No

Program Contact Information

Are you the Faculty Contact Person?
Yes

In Workflow

1. Curriculum Office
2. HORT Chair
3. DASC Dean
4. Curriculum Office
5. Curriculum Committee Approval

Approval Path

1. 05/27/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/27/25 1:12 pm
Christopher Konieczka (chrisk):
Approved for HORT Chair
3. 05/27/25 1:24 pm
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

- (megan.feagles)
5. Feb 14, 2023 by
Megan Feagles
(megan.feagles)
6. Apr 18, 2023 by
Megan Feagles
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7. Jun 5, 2023 by
Megan Feagles
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8. Jun 5, 2023 by
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9. Feb 16, 2024 by
April Chastain
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10. Mar 5, 2024 by
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11. Mar 15, 2024 by
April Chastain
(april.chastain)
12. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
13. Jun 11, 2024 by
Megan Feagles
(megan.feagles)
14. Feb 7, 2025 by April
Chastain
(april.chastain)

Program Overview

Name of Proposed Program

Landscape Management

Program Code AAS.LANDSCAPEMGMT

Award (CCWD)

AAS Degree (90-108 credits) (AAS)

Type of Program (CCC)	Associate of Applied Science (AAS)
Educational Focus Area	Natural Resources
Effective Catalog Edition	2025-2026
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:

	Outcome(s)
1	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;
2	identify common woody and herbaceous plants in the landscape;
3	recognize and evaluate key pests in the landscape and propose solutions based on integrated pest management (IPM) strategies;
4	use a basic understanding of plant biology and soil science to make sound decisions in the design and maintenance of landscapes;
5	display effective decision making, time management and project management skills in the landscape industry environment;

	Outcome(s)
6	effectively communicate with co-workers and customers through speaking, writing and computer technology.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term

Credits

<u>HOR-111</u>	Horticulture Practicum/Fall	2.00
<u>HOR-115</u>	Horticulture Safety	1.00
<u>HOR-223</u>	Applied Plant Science	4.00
<u>HOR-226</u>	Plant Identification/Fall	4.00
Select one of the following:		4.00-5.00
<u>MTH-050</u>	Technical Mathematics I	
<u>MTH-065</u>	Algebra II	
Higher Level Math or Statistics		
Credits		15-16

Winter Term

<u>HOR-131</u>	Tree & Shrub Pruning	3.00
<u>HOR-133</u>	Horticulture Practicum/Winter	2.00
<u>HOR-216</u>	Integrated Pest Management	3.00
<u>HOR-222</u>	Horticultural Computer Applications	2.00
<u>HOR-227</u>	Plant Identification/Winter	4.00
Credits		14

Spring Term

<u>BA-285</u>	Human Relations in Business	4.00
or <u>COMM-100Z</u>	or Introduction to Communication	
or <u>COMM-111Z</u>	or Public Speaking	
or <u>COMM-140</u>	or Introduction to Intercultural Communication	
or <u>COMM-218Z</u>	or Interpersonal Communication	
<u>HOR-120</u>	Pesticide Laws & Safety	1.00
<u>HOR-140</u>	Soils	3.00
<u>HOR-143</u>	Horticulture Practicum/Spring	2.00
<u>HOR-215</u>	Herbaceous Perennials	3.00
<u>HOR-228</u>	Plant Identification/Spring	4.00
Credits		17

Summer Term

<u>HOR-281</u>	Horticulture/CWE	6.00
or <u>HOR-280</u> and <u>HOR-282</u>	or Horticulture/CWE and Horticulture/CWE	
Credits		6

Second Year

Fall Term		
HOR-118	Spanish for Horticulture	4.00
HOR-224	Landscape Installation	3.00
HOR-235	Weed Identification	2.00
or HOR-236	or Insect Identification	
WR-101	Workplace Writing	4.00
or WR-121Z	or Composition I	
	Credits	13
Winter Term		
BA-119	Project Management Practices	2.00
HOR-229	Introduction to Landscape Design	3.00
HOR-230	Equipment Operation & Maintenance	2.00
HOR-231	Irrigation Design	3.00
HOR-237	Disease Identification	2.00
Electives		3.00
	Credits	15
Spring Term		
BA-207	Prepping for Business Success	4.00
HOR-123	Landscape Maintenance	3.00
HOR-240	Irrigation Practices	3.00
HOR-249	Landscape Bidding and Estimating	1.00
Electives		3.00
	Credits	14
	Total Credits	94-95

Electives

Summer		
HOR-146	Fruit & Berry Growing	3.00
HOR-211	Native Plant Identification	1.00
Fall		
HOR-225	Arboriculture I	3.00
Winter		
CDT-103	Computer-Aided Drafting I	3.00
HOR-239	Tree Climber Training	1.00
HOR-260	Arboriculture II	3.00
HOR-290	Special Topics in Horticulture	1.00

Spring		
<u>HOR-213</u>	Computer-Aided Landscape Design	3.00
<u>HOR-234</u>	Advanced Landscape Design	3.00
<u>HOR-244</u>	Ecological Landscape Design	3.00
<u>HOR-246</u>	Organic Gardening	2.00
<u>HOR-261</u>	Tree Diagnostics	2.00
Multiple Terms		
<u>BA-223</u>	Principles of Marketing	4.00
<u>FYE-101</u>	First Year Experience Level I	2.00
<u>WET-109</u>	Backflow Assembly Operation and Testing	4.00

Reviewer
Comments

Program Change Request

Date Submitted: 05/27/25 12:14 pm

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

Last approved: 02/07/25 8:47 am

Last edit: 05/27/25 12:49 pm

Changes proposed by: Christopher Konieczka (chrisk)

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

In Workflow

- 1. Curriculum Office
- 2. HORT Chair
- 3. DASC Dean
- 4. Curriculum Office
- 5. Curriculum Committee Approval

Approval Path

- 1. 05/27/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 2. 05/27/25 1:12 pm
Christopher Konieczka (chrisk):
Approved for HORT Chair
- 3. 05/27/25 1:24 pm
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

- (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. Feb 16, 2024 by
April Chastain
(april.chastain)
10. Mar 15, 2024 by
April Chastain
(april.chastain)
11. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
12. Jun 11, 2024 by
Megan Feagles
(megan.feagles)
13. Feb 7, 2025 by April
Chastain
(april.chastain)

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 (CCC)	Associate of Applied Science (AAS)
Educational Focus Area	Natural Resources
Effective Catalog Edition	2025-2026
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:

	Outcome(s)
1	demonstrate competency with the use of standard arboriculture equipment, including: climbing gear, chainsaw, chipper, hydraulic sprayer, truck and trailer;
2	identify common woody and herbaceous plants in the landscape;
3	recognize and identify key biotic and abiotic disorders in trees;
4	perform site assessments, including: plant health inspections of key plants, hazard tree identification, and water audit interpretations;
5	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

<u>HE-252</u>	First Aid/CPR/AED ¹	3.00
<u>HOR-115</u>	Horticulture Safety	1.00
<u>HOR-223</u>	Applied Plant Science	4.00
<u>HOR-226</u>	Plant Identification/Fall	4.00
<u>HOR-236</u>	Insect Identification	2.00
	Credits	14
Winter Term		
<u>HOR-131</u>	Tree & Shrub Pruning	3.00
<u>HOR-216</u>	Integrated Pest Management	3.00
<u>HOR-222</u>	Horticultural Computer Applications	2.00
<u>HOR-227</u>	Plant Identification/Winter	4.00
<u>HOR-230</u>	Equipment Operation & Maintenance	2.00
<u>HOR-239</u>	Tree Climber Training	1.00
	Credits	15
Spring Term		
<u>BA-285</u>	Human Relations in Business	4.00
or <u>COMM-100Z</u>	or Introduction to Communication	
or <u>COMM-111Z</u>	or Public Speaking	
or <u>COMM-140</u>	or Introduction to Intercultural Communication	
or <u>COMM-218Z</u>	or Interpersonal Communication	
<u>HOR-120</u>	Pesticide Laws & Safety	1.00
<u>HOR-140</u>	Soils	3.00
<u>HOR-228</u>	Plant Identification/Spring	4.00
<u>WR-101</u>	Workplace Writing	4.00
or <u>WR-121Z</u>	or Composition I	
	Credits	16
Summer Term		
<u>HOR-211</u>	Native Plant Identification	1.00
<u>HOR-280</u>	Horticulture/CWE	3.00
	Credits	4
Second Year		
Fall Term		
<u>HOR-225</u>	Arboriculture I	3.00
<u>HOR-262</u>	Treework Practicum I	2.00
Select one of the following:		4.00-5.00
<u>MTH-050</u>	Technical Mathematics I	
<u>MTH-065</u>	Algebra II	
Higher Level Math or Statistics		
<u>Electives</u>		3.00
	Credits	12-13
Winter Term		

<u>BA-119</u>	Project Management Practices	2.00
<u>HOR-229</u>	Introduction to Landscape Design	3.00
<u>HOR-237</u>	Disease Identification	2.00
<u>HOR-260</u>	Arboriculture II	3.00
<u>Electives</u>		3.00
	Credits	13
Spring Term		
<u>HOR-123</u>	Landscape Maintenance	3.00
<u>HOR-215</u>	Herbaceous Perennials	3.00
<u>HOR-261</u>	Tree Diagnostics	2.00
<u>HOR-263</u>	Plant Health Care Practicum	2.00
<u>HOR-282</u>	Horticulture/CWE	3.00
<u>Electives</u>		3.00
	Credits	16
Summer Term		
<u>HOR-281</u>	Horticulture/CWE	6.00
	Credits	6
	Total Credits	96-97

1
May be waived with current CPR certification

Electives

Summer		
<u>HOR-146</u>	Fruit & Berry Growing	3.00
Fall		
<u>HOR-118</u>	Spanish for Horticulture	4.00
<u>HOR-224</u>	Landscape Installation	3.00
<u>HOR-235</u>	Weed Identification	2.00
<u>HOR-264</u>	Treework Practicum II (Aerial)	2.00
Winter		
<u>HOR-231</u>	Irrigation Design	3.00
<u>HOR-290</u>	Special Topics in Horticulture	1.00
Spring		
<u>BA-207</u>	Prepping for Business Success	4.00
<u>HOR-240</u>	Irrigation Practices	3.00

<u>HOR-244</u>	Ecological Landscape Design	3.00
<u>HOR-249</u>	Landscape Bidding and Estimating	1.00
Multiple Terms		
<u>FYE-101</u>	First Year Experience Level I	2.00

Reviewer
Comments

Program Change Request

Date Submitted: 05/27/25 12:14 pm

Viewing: **CC.ORGANICFARM : Organic Farming**

Last approved: 02/07/25 8:47 am

Last edit: 05/27/25 12:54 pm

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages Using
this Program

[Organic Farming, Certificate](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

Yes

In Workflow

1. Curriculum Office
2. HORT Chair
3. DASC Dean
4. Curriculum Office
5. Curriculum Committee Approval

Approval Path

1. 05/27/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/27/25 1:12 pm
Christopher Konieczka (chrisk):
Approved for HORT Chair
3. 05/27/25 1:24 pm
Sue Goff (sue.goff):
Approved for DASC Dean

History

1. Oct 6, 2022 by
clmig-kxayasene
2. Dec 13, 2022 by
Megan Feagles (megan.feagles)
3. Jan 5, 2023 by
Megan Feagles (megan.feagles)
4. Jan 17, 2023 by
Megan Feagles

- (megan.feagles)
5. Feb 6, 2023 by
Megan Feagles
(megan.feagles)
6. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
7. Jun 2, 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)
11. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
12. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
13. Jun 5, 2024 by
Megan Feagles
(megan.feagles)
14. Nov 15, 2024 by
Christopher
Konieczka (chrisk)
15. Feb 7, 2025 by
Christopher
Konieczka (chrisk)

Program Overview

Name of Proposed Program

Organic Farming

Program Code	CC.ORGANICFARM
Award (CCWD)	
Certificate (45-60 credits) (CC1)	
Type of Program (CCC)	Certificate of Completion (CC)
Educational Focus Area	Natural Resources
Effective Catalog Edition	2025-2026
Career Area	Agriculture, Food & Natural Resources Systems
Department	Horticulture
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	01.0304 - Crop Production.

Program Award Information

Program Learning Outcomes (PLOs)

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

	Outcome(s)
1	apply sustainable, organic methods in the planning, planting, management and harvesting of food crops;
2	select and properly use farm equipment that is appropriate for a given scale and system of farming;
3	implement organic IPM strategies in orchards and on small scale vegetable and berry farms;
4	use a basic understanding of soil science and irrigation systems to make ecologically sound decisions in the production of food crops;

	Outcome(s)
5	write a business plan and identify the various regulations that impact an organic food producer;
6	effectively communicate with co-workers and customers through speaking, writing and computer technology.

Proposed Curriculum

Plan of Study Grid

Fall Term		Credits
HOR-113	Organic Farming Practicum/Fall	3.00
HOR-124	Food Harvest	3.00
HOR-223	Applied Plant Science	4.00
Select one of the following		4.00-5.00
MTH-050	Technical Mathematics I	
MTH-065	Algebra II	
Higher Level Math or Statistics		
Electives		2.00
	Credits	16-17
Winter Term		
BA-285	Human Relations in Business	4.00
or COMM-100Z	or Introduction to Communication	
or COMM-111Z	or Public Speaking	
or COMM-140	or Introduction to Intercultural Communication	
or COMM-218Z	or Interpersonal Communication	
HOR-136	Organic Farming Practicum/Winter	3.00
HOR-216	Integrated Pest Management	3.00
HOR-230	Equipment Operation & Maintenance	2.00
	Credits	12
Spring Term		
HOR-135	Propagation of Edible Plants	3.00
HOR-140	Soils	3.00
HOR-141	Organic Farming Practicum/Spring	4.00
Electives		3.00-4.00
	Credits	13-14
Summer Term		
HOR-146	Fruit & Berry Growing	3.00
HOR-284	Organic Farming Practicum/Summer	3.00
HOR-285	Organic Farming/CWE	3.00
WR-101	Workplace Writing	4.00
or WR-121Z	or Composition I	

Credits

13

Total Credits

54-56

Electives

<u>BA-119</u>	Project Management Practices	2.00
<u>BA-207</u>	Prepping for Business Success	4.00
<u>BA-223</u>	Principles of Marketing	4.00
<u>BA-270</u>	Social Media Marketing	4.00
<u>HOR-212</u>	Flower Arranger's Garden	2.00
<u>HOR-214</u>	Organic Cut Flower Farming	2.00
<u>HOR-235</u>	Weed Identification	2.00
<u>HOR-236</u>	Insect Identification	2.00
<u>HOR-237</u>	Disease Identification	2.00
<u>HOR-240</u>	Irrigation Practices	3.00
<u>HOR-246</u>	Organic Gardening	2.00
<u>HOR-250</u>	Organic Herb Growing	1.00
<u>HOR-251</u>	Herbal Products	1.00
<u>HOR-252</u>	Kitchen Herbs	1.00

Reviewer

Comments

Course	Current Hours/Credits	Proposed Hours/Credits
DMC-242	10 LECT/1 Credit	11 LECT/1 Credit
MUP-102	44 LE/LA/2 Credits	33 LAB/1 Credit
MUP-105	44 LE/LA/2 Credits	33 LAB/1 Credit
MUP-202	44 LE/LA/2 Credits	33 LAB/1 Credit
MUP-205	44 LE/LA/2 Credits	33 LAB/1 Credit
MUP-241	22 LE/LA/1 Credit	33 LAB/1 Credit

Course Change Request

Date Submitted: 05/15/25 11:23 am

Viewing: **DMC-242 : Field Recording for Media**

Last approved: 11/07/23 5:01 am

Last edit: 05/15/25 11:23 am

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Digital Media Communications \(DMC\)](#)

Programs
referencing this
course

[CC.VIDEOPRODTECH: Video Production Technician](#)

[AAS.DMC1: Digital Media Communications](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 05/15/25 6:52 am
Megan Feagles (megan.feagles):
Rollback to Initiator
- 2. 05/15/25 11:30 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 3. 05/16/25 9:15 am
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Nov 7, 2023 by
Megan Feagles (megan.feagles)

Reason for proposal

Alignment with current hours taught.

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix DMC - Digital Media Communications

Course Number 242

Department Music

Division Arts and Sciences

Course Title Field Recording for Media

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture 11.00
~~10.00~~

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 11 ~~10~~

Proposed Effective Summer 2025

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

This course offers students interested in recording and sweetening audio for film an opportunity to work with student film crews during the shooting and editing process.

Type of Course (ACTI Code)

220 - Career Technical Supplemental

CIP Code 09.0702 - Digital Communication and Media/Multimedia.

Select one of the following career areas:

Arts, Information, and Communications

Target Population:

DMC ~~art~~ students

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?

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?

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	work with field recording equipment;
2	adjust levels and mix of film audio for optimal sound;
3	edit and playback sound using computers.

Major Topic Outline

1. Introduction of basic tools for field recording. 2. Introduction of basic techniques of field recording.

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

Reviewer Comments

Course Change Request

Date Submitted: 05/27/25 2:04 pm

Viewing: **MUP-102 : Wind Ensemble**

Last approved: 02/15/24 3:49 am

Last edit: 05/27/25 2:04 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)
[CC.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/21/25 1:07 pm
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 05/01/25 2:04 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 05/15/25 4:04 pm
Eric Lee (elee):
Rollback to Initiator
4. 05/27/25 2:10 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
5. 05/28/25 8:08 am
Eric Lee (elee):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles
(megan.feagles)

Yes

Reason for proposal

Aligning credit hours and teaching method with area universities

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 102

Department Music

Division Arts and Sciences

Course Title Wind Ensemble

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

Min Credit 1.00
~~2.00~~

Variable Credit No

Contact hours

Lecture

Lec/Lab ~~44.00~~

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33 ~~44~~

Proposed Effective Summer 2025

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

For non-majors and music majors. Introduction and study of traditional and contemporary band literature. This course is taken each term in one's first year of a two-year course of study that includes performance, study of common styles and practices of historically and culturally significant composers/arrangers, and study of historical issues related to the development and performance of band literature. Provides a thorough groundwork in the fundamental ideas, techniques, and practices of band music and ensemble performance. No audition required. May be repeated for up to 3 ~~6~~ credits.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Foundational Requirement

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 3 6

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Completion of high school or high school performance level. Ability to read music and play a band instrument

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

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?

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	engage in focused, active and reactive listening and critical analysis of wind band music from different historical musical style-periods;
2	analyze and explore a range of conventional wind band music to create one's own stylistically appropriate interpretations;
3	demonstrate style-appropriate performance of conventional wind band music;
4	critique others' musical performances;
5	perform in a wind band ensemble.

Major Topic Outline

1. Music Sight Reading and Listening. a. Determining strengths/weaknesses of ensemble. b. Explore a variety of musical styles. 2. Performance repertoire selection. a. Based on results of sight reading. b. Parts assigned. c. Recorded examples researched. 3. Repertoire research, rehearsal, lecture. a. Sectional rehearsals. b. Ensemble rehearsals. c. Analytical listening to recorded and live examples. ci. Historical and cultural elements. cii. Compositional elements. ciii. Stylistic elements. d. Guest artist encounters and presentations. di. Historical and cultural elements. dii. Stylistic elements. diii. Technical elements. 4. Presentation of repertoire. a. Public concerts. b. Peer concerts. c. Recording of performance(s).

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)

~~Wind Ensemble~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Wind Ensemble MUS LDT

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

OSU website

OUS school to which the course will transfer

~~OSU-C - OSU-Cascade~~

Comparable

course(s)

~~Wind Ensemble~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

Wind Symphony MUS195 ~~Wind Ensemble~~

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~SOU - Southern Oregon University~~

Comparable

course(s)

~~Wind Ensemble~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

Wind Ensemble MUS194T

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

transferology

OUS school to which the course will transfer

~~WOU - Western Oregon University~~

Comparable

course(s)

~~Wind Ensemble~~

How does it transfer?

~~general elective~~
~~required or support for major~~

Evidence of transferability

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (04/21/25 1:07 pm): Rollback: Please provide a reason for the credits/hours/instructional method change in the “Reason for Proposal” field and resubmit the course.

Eric Lee (elee) (05/15/25 4:04 pm): Rollback: Transfer issue--fill in comparable courses and evidence. I looked at PSU, for example, and this course transfers as MUS 195 - Wind Symphony.

Key: 1154

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/01/25 1:59 pm

Viewing: **MUP-105 : Jazz Ensemble**

Last approved: 06/09/23 5:25 am

Last edit: 05/01/25 1:59 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)
[CC.MUSICTECH: Music Technology](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 04/21/25 1:08 pm
Megan Feagles (megan.feagles): Rollback to Initiator
- 2. 05/01/25 2:04 pm
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 3. 05/16/25 9:08 am
Ephanie Debey (ephanie.debey): Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Jun 9, 2023 by
Megan Feagles (megan.feagles)

Reason for proposal

Aligning credit hours and teaching method with area universities

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 105

Department Music

Division Arts and Sciences

Course Title Jazz Ensemble

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00
~~2.00~~

Variable Credit No

Contact hours

Lecture

Lec/Lab ~~44.00~~

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33 ~~44~~

Proposed Effective Summer 2025

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

For non-majors and music majors. Introduction and study of common 'big-band' and small-group jazz styles. This course is taken each term in one's first year of a two-year course of study that includes performance, improvisation, musical arranging and writing, study of common styles and practices of historically and culturally significant jazz artists, and study of historical issues related to the development and performance of jazz music. May be repeated for up to 3 ~~6~~ credits.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 3 ~~6~~

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

MUP-102

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

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?

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	display the basic skills necessary to perform in a creative music ensemble;
2	engage in focused, active and reactive listening and critical analysis of jazz music from different historical style periods;
3	demonstrate style-appropriate interpretation and performance of jazz music;
4	plan and execute jazz-related performances, simple musical arrangements and/or compositions;

	Upon successful completion of this course, students should be able to:
5	critique others' musical performances;
6	analyze the musical boundaries and values of a given historical jazz style period and engage in creating one's own interpretation in the jazz style.

Major Topic Outline

1. Music Sight Reading and Listening. a. Determine strengths/weaknesses of the ensemble. b. Explore variety of musical styles. bi. Historical and cultural elements. bii. Compositional elements. biii. Stylistic elements. biv. Performance practices and conventions. c. Explore variety of arrangement configurations. 2. Repertoire selection. a. Based on results of sight reading. b. Parts assigned. c. Recorded examples researched . 3. Repertoire research, rehearsal, lecture. a. Sectional rehearsals. b. Ensemble rehearsals. c. Analytical listening to recorded examples. d. Attendance at live performances. e. Guest artist encounters and presentations. ei. Historical and cultural elements. eii. Stylistic elements. eiii. Technical elements. 4. Repertoire presentations. a. Public concerts. b. Peer concerts. c. Recording of performance(s).

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)

Jazz Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable
course(s)

Jazz Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable
course(s)

Jazz Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Jazz Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable
course(s)

Jazz Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (04/21/25 1:08 pm): Rollback: Please provide a reason for the credits/hours/instructional method change in the "Reason for Proposal" field and resubmit the course.

Course Change Request

Date Submitted: 05/01/25 1:59 pm

Viewing: **MUP-202 : Wind Ensemble**

Last approved: 02/15/24 3:49 am

Last edit: 05/01/25 1:59 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

1. Curriculum Office
2. DASC Curriculum Committee Outline Review Team
3. Curriculum Office
4. Curriculum Committee Approval
5. Colleague

Approval Path

1. 04/21/25 1:08 pm
Megan Feagles (megan.feagles): Rollback to Initiator
2. 05/01/25 2:04 pm
Megan Feagles (megan.feagles): Approved for Curriculum Office
3. 05/16/25 9:09 am
Ephanie Debey (ephanie.debey): Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles (megan.feagles)

Reason for proposal

Aligning credit hours and teaching method with area universities

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 202

Department Music

Division Arts and Sciences

Course Title Wind Ensemble

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00
~~2.00~~

Variable Credit No

Contact hours

Lecture

Lec/Lab ~~44.00~~

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33 ~~44~~

Proposed Effective Summer 2025

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

For non-majors and music majors. Introduction and study of traditional and contemporary band literature. This is the second year of a two-year course of study that includes performance, study of common styles and practices of historically and culturally significant composers/arrangers, and study of historical issues related to the development and performance of band literature. Provides a thorough groundwork in the fundamental ideas, techniques, and practices of band music and ensemble performance. No audition required. May be repeated for up to 6 credits.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Foundational Requirement

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 6

Course Requisites

Required

Prerequisites

MUP-102 (3 ~~6~~ credits)

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Completion of high school or high school performance level. Ability to read music and play a band instrument

Recommended

Is Student Petition required?

No

Hide course in catalog

No

When do you plan to offer this course?

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?

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	engage in focused, active and reactive listening and critical analysis of wind band music from different historical musical style-periods;

	Upon successful completion of this course, students should be able to:
2	analyze and explore a range of conventional wind band music to create stylistically appropriate interpretations;
3	demonstrate style-appropriate performance of conventional wind band music;
4	produce written and/or verbal critiques of others' musical performances;
5	display the basic skills necessary to perform in a wind band ensemble.

Major Topic Outline

1. Music sight reading and listening. a. Determine strengths/weaknesses of ensemble. b. Explore a variety of musical styles. 2. Performance repertoire selection. a. Based on results of sight reading. b. Part assigned. c. Recorded examples researched. 3. Repertoire research, rehearsal, lecture. a. Sectional rehearsals. b. Ensemble rehearsals. c. Analytical listening to recorded and live examples. c1. Historical and cultural elements. c2. Compositional elements. c3. Stylistic elements. d. Guest artist encounters and presentations. d1. Historical and cultural elements. d2. Stylistic elements. d3. Technical elements. 4. Presentation of repertoire. a. Public concerts. b. Peer concerts. c. recording of performance(s).

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)

Wind Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Wind Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable

course(s)

Wind Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Wind Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable
course(s)

Wind Ensemble

How does it transfer?

general elective
required or support for major

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

Wind Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

Wind Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (04/21/25 1:08 pm): Rollback: 1. Should the number of repeat credit be lowered to 3? Or is it still 6? 2. Please provide a reason for the credits/hours/instructional method change in the "Reason for Proposal" field and resubmit the course.

Course Change Request

Date Submitted: 05/01/25 2:00 pm

Viewing: **MUP-205 : Jazz Ensemble**

Last approved: 06/09/23 5:25 am

Last edit: 05/01/25 2:00 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 04/21/25 1:09 pm
Megan Feagles (megan.feagles): Rollback to Initiator
- 2. 05/01/25 2:04 pm
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 3. 05/08/25 1:52 pm
Gentiana Loeffler (gentiana.loeffler): Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Jun 9, 2023 by
Megan Feagles (megan.feagles)

Reason for proposal

Aligning credit hours and teaching method with area universities

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 205

Department Music

Division Arts and Sciences

Course Title Jazz Ensemble

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00
~~2.00~~

Variable Credit No

Contact hours

Lecture

Lec/Lab ~~44.00~~

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33 ~~44~~

Proposed Effective Summer 2025

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

For non-majors and music majors. Introduction and study of common big-band and small-group jazz styles. This is the second year of a two-year course of study that includes performance, improvisation, musical arranging and writing, study of common styles and practices of historically and culturally significant jazz artists, and study of historical issues related to the development and performance of jazz music. May be repeated for up to 3 ~~6~~ credits.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 3 ~~6~~

Course Requisites

Required

Prerequisites

MUP-105 (3 ~~6~~ credits)

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

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?

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	exhibit comprehension of common jazz styles;
2	demonstrate an understanding of basic jazz phrasing;
3	exhibit comprehension of basic skills necessary to perform in a creative music ensemble.

Major Topic Outline

1. Music Sight Reading. a. Determine strengths/weaknesses of the ensemble. 2. Performance repertoire selection. a. Based on results of sight reading. b. Parts assigned. c. Recorded examples researched. 3. Performance repertoire rehearsal. a. Sectional rehearsals. b. Ensemble rehearsals. c. Listening to recorded examples. 4. Performance of repertoire. a. Public concerts.

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)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

Jazz Ensemble

How does it transfer?

general elective

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (04/21/25 1:09 pm): Rollback: Please provide a reason for the credits/hours/instructional method change in the “Reason for Proposal” field and resubmit the course.

Key: 1196

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/01/25 2:00 pm

Viewing: **MUP-241 : College Orchestra**

Last approved: 06/09/23 5:25 am

Last edit: 05/15/25 12:44 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages
referencing this
course

[Music Performance \(MUP\)](#)

Programs
referencing this
course

[AS.PSUMUSIC: AS, Music, PSU](#)

Credits/Hours/Instructional Method Change

Yes

In Workflow

- 1. Curriculum Office
- 2. DASC Curriculum Committee Outline Review Team
- 3. Curriculum Office
- 4. Curriculum Committee Approval
- 5. Colleague

Approval Path

- 1. 04/21/25 1:09 pm
Megan Feagles (megan.feagles):
Rollback to Initiator
- 2. 05/01/25 2:04 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
- 3. 05/15/25 12:44 pm
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

- 1. Jun 9, 2023 by
Megan Feagles (megan.feagles)

Reason for proposal

Aligning credit hours and teaching method with area universities

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix MUP - Music Performance

Course Number 241

Department Music

Division Arts and Sciences

Course Title College Orchestra

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 1.00

Variable Credit No

Contact hours

Lecture

Lec/Lab ~~22.00~~

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 33 ~~22~~

Proposed Effective Summer 2025

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

Performance and study of orchestral literature. College students may earn credit for playing in one of several approved orchestral groups. Minimum of one performance per term. May be repeated for up to 4 ~~8~~ credits. Required: Student Petition.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Can this course be repeated for credit in a degree?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 4 ~~8~~

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

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?

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	demonstrate comprehension of common orchestral styles;
2	demonstrate an understanding of basic orchestral phrasing;
3	demonstrate intermediate skills necessary to perform in an orchestra.

Major Topic Outline

1. Music sight reading. a. Determine strengths/weaknesses of the ensemble. 2. Performance repertoire selection. a. Based on results of sight reading. b. Parts assigned. c. Recorded examples researched. 3. Performance repertoire rehearsal. a. Sectional rehearsals. b. Ensemble rehearsals. c. Listening to recorded examples. 4. Performance of repertoire. a. Public concerts.

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)

Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU - Oregon State University

Comparable

course(s)

Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

OSU-C - OSU-Cascade

Comparable

course(s)

Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

MUS 196 Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Transferology

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

MUS 296T Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Transferology

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable
course(s)

Orchestra

How does it transfer?

general elective

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (04/21/25 1:09 pm): Rollback: Please provide a reason for the credits/hours/instructional method change in the “Reason for Proposal” field and resubmit the course.

Key: 1199

[Preview Bridge](#)

Program	Implementation
Music Technology CC	2025/SU
Music Technology AAS	2025/SU

Program Change Request

Date Submitted: 05/27/25 2:31 pm

Viewing: **CC.MUSICTECH : Music Technology**

Last approved: 06/10/24 2:02 pm

Last edit: 05/27/25 2:31 pm

Changes proposed by: Lars Campbell (lars.campbell)

Catalog Pages Using
this Program

[Music Technology, Certificate](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

No

In Workflow

- 1. Curriculum Office
- 2. MUSC Chair
- 3. DASC Dean
- 4. Curriculum Office
- 5. Curriculum Committee Approval

Approval Path

- 1. 05/16/25 6:48 am
Megan Feagles (megan.feagles): Rollback to Initiator
- 2. 05/27/25 2:29 pm
Megan Feagles (megan.feagles): Rollback to Initiator
- 3. 05/27/25 2:35 pm
Megan Feagles (megan.feagles): Approved for Curriculum Office
- 4. 05/27/25 4:14 pm
Lars Campbell (lars.campbell): Approved for MUSC Chair
- 5. 05/28/25 8:39 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
(megan.feagles)
5. Apr 18, 2023 by
Megan Feagles
(megan.feagles)
6. Jun 5, 2023 by
Megan Feagles
(megan.feagles)
7. Oct 30, 2023 by
Megan Feagles
(megan.feagles)
8. Mar 11, 2024 by
Megan Feagles
(megan.feagles)
9. Mar 21, 2024 by
Megan Feagles
(megan.feagles)
10. Jun 7, 2024 by Lars
Campbell
(lars.campbell)
11. Jun 10, 2024 by
Megan Feagles
(megan.feagles)

Faculty Contact Email

david.badstubner@clackamas.edu

Program Overview

Name of Proposed Program

Music Technology

Program Code

CC.MUSICTECH

Award (CCWD)

Certificate (45-60 credits) (CC1)

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

Educational Focus Creative Arts, Communication and Humanities
Area

Effective Catalog 2025-2026
Edition

Career Area Arts, Information, and Communications

Department Music

Division Arts and Sciences

Other locations (institutions) this Program will be offered

CIP Code 10.0203 - Recording Arts
Technology/Technician.

Program Award Information

Program Learning Outcomes (PLOs)

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

	Outcome(s)
1	complete recording projects illustrating competence in professional audio recording technologies and the ability to complete the production process using appropriate software/hardware;
2	complete recording projects that include elements of music and audio in digital format, including MIDI, sound sampling, synthesis, processing, editing, and mixing and display confidence in the use of associated software/hardware appropriate for these tasks in a professional setting;
3	produce a final recording project that demonstrates preparedness for entry into a career related to music technology, and articulate how that project relates to professional opportunities in that field;

	Outcome(s)
4	critically analyze and discuss multimedia works (their own or others) in the context of music history and/or theory;
5	demonstrate an awareness of ethical, legal, and business considerations involved when creating recorded audio works, including basic professional skills related to documentation and rights licensing for copyright, fair use, etc.

Proposed Curriculum

Plan of Study Grid

Fall Term		Credits
<u>MUS-107</u>	Introduction to Audio Recording I	3.00
<u>MUS-141</u>	Introduction to the Music Business	3.00
<u>MUS-142</u>	Introduction to Electronic Music I: MIDI	3.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>WR-101</u>	Workplace Writing	4.00
or <u>WR-121Z</u>	or Composition I	
<u>Program Basics</u>		3.00
<u>Electives</u>		2.00
	Credits	18
Winter Term		
Select one of the following:		4.00
<u>COMM-100Z</u>	Introduction to Communication	
<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	
<u>COMM-140</u>	Introduction to Intercultural Communication	
<u>COMM-218Z</u>	Interpersonal Communication	
Select one of the following:		4.00-5.00
<u>MTH-050</u>	Technical Mathematics I	
<u>MTH-065</u>	Algebra II	
Higher Level Math or Statistics		
<u>MUS-108</u>	Introduction to Audio Recording II	3.00
<u>MUS-140</u>	Careers in Music	3.00
<u>MUS-143</u>	Introduction to Electronic Music II: Sequencing, Audio Looping, Sound EFX	3.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>Program Basics</u>		3.00
<u>Electives</u>		2.00
	Credits	22-23
Spring Term		
<u>MUS-109</u>	Introduction to Audio Recording III	3.00
<u>MUS-144</u>	Introduction to Electronic Music III: Digital Audio	3.00
<u>MUS-188</u>	Performance Attendance	0.00

<u>MUS-280</u>	Music/CWE	2.00
<u>Program Basics</u>		3.00
<u>Electives</u>		2.00
	Credits	13
	Total Credits	53-54

Program Basics

<u>MUP-100</u>	Individual Lessons: Non-Music Majors	1.00-2.00
<u>MUP-171</u>	<u>Individual Lessons: Piano</u>	<u>2.00</u>
<u>MUP-171J</u>	<u>Individual Lessons: Jazz Piano</u>	<u>2.00</u>
<u>MUP-171R</u>	<u>Individual Lessons: Rock, Blues, Pop Piano</u>	<u>2.00</u>
<u>MUP-172</u>	<u>Individual Lessons: Organ</u>	<u>2.00</u>
<u>MUP-174</u>	<u>Individual Lessons: Voice</u>	<u>2.00</u>
<u>MUP-174J</u>	<u>Individual Lessons: Jazz Voice</u>	<u>2.00</u>
<u>MUP-174R</u>	<u>Individual Lessons: Rock, Blues, Pop Voice</u>	<u>2.00</u>
<u>MUP-175</u>	<u>Individual Lessons: Violin</u>	<u>2.00</u>
<u>MUP-176</u>	<u>Individual Lessons: Viola</u>	<u>2.00</u>
<u>MUP-177</u>	<u>Individual Lessons: Cello</u>	<u>2.00</u>
<u>MUP-178</u>	<u>Individual Lessons: Bass</u>	<u>2.00</u>
<u>MUP-178J</u>	<u>Individual Lessons: Jazz Bass</u>	<u>2.00</u>
<u>MUP-178R</u>	<u>Individual Lessons: Rock, Blues, Pop Bass</u>	<u>2.00</u>
<u>MUP-179</u>	<u>Individual Lessons: Harp</u>	<u>2.00</u>
<u>MUP-180</u>	<u>Individual Lessons: Guitar</u>	<u>2.00</u>
<u>MUP-180J</u>	<u>Individual Lessons: Jazz Guitar</u>	<u>2.00</u>
<u>MUP-180R</u>	<u>Individual Lessons: Rock, Blues, Pop Guitar</u>	<u>2.00</u>
<u>MUP-181</u>	<u>Individual Lessons: Flute</u>	<u>2.00</u>
<u>MUP-181J</u>	<u>Individual Lessons: Jazz Flute</u>	<u>2.00</u>
<u>MUP-182</u>	<u>Individual Lessons: Oboe</u>	<u>2.00</u>
<u>MUP-183</u>	<u>Individual Lessons: Clarinet</u>	<u>2.00</u>
<u>MUP-183J</u>	<u>Individual Lessons: Jazz Clarinet</u>	<u>2.00</u>

<u>MUP-184</u>	<u>Individual Lessons: Saxophone</u>	<u>2.00</u>
<u>MUP-184J</u>	<u>Individual Lessons: Jazz Saxophone</u>	<u>2.00</u>
<u>MUP-185</u>	<u>Individual Lessons: Bassoon</u>	<u>2.00</u>
<u>MUP-186</u>	<u>Individual Lessons: Trumpet</u>	<u>2.00</u>
<u>MUP-186J</u>	<u>Individual Lessons: Jazz Trumpet</u>	<u>2.00</u>
<u>MUP-187</u>	<u>Individual Lessons: French Horn</u>	<u>2.00</u>
<u>MUP-188</u>	<u>Individual Lessons: Trombone</u>	<u>2.00</u>
<u>MUP-188J</u>	<u>Individual Lessons: Jazz Trombone</u>	<u>2.00</u>
<u>MUP-189</u>	<u>Individual Lessons: Euphonium</u>	<u>2.00</u>
<u>MUP-190</u>	<u>Individual Lessons: Tuba</u>	<u>2.00</u>
<u>MUP-191</u>	<u>Individual Lessons: Percussion</u>	<u>2.00</u>
<u>MUP-191J</u>	<u>Individual Lessons: Jazz Percussion</u>	<u>2.00</u>
<u>MUP-191R</u>	<u>Individual Lessons: Rock, Blues, Pop Drumset</u>	<u>2.00</u>
<u>MUP-192T</u>	<u>Individual Lessons: Audio Tech</u>	<u>2.00</u>
<u>MUS-101</u>	Music Fundamentals	3.00
<u>MUS-102</u>	Applied Music Fundamentals	3.00
<u>MUS-103</u>	Applied Music Fundamentals	3.00
<u>MUS-104</u>	<u>Applied Music Fundamentals</u>	<u>3.00</u>
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-131</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-132</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-133</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-134</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-135</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-136</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-137</u>	Group Guitar I	1.00

<u>MUS-138</u>	Group Guitar II	1.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00

Electives

<u>MUP-100</u>	Individual Lessons: Non-Music Majors	1.00-2.00
<u>MUP-102</u>	Wind Ensemble	1.00
<u>MUP-104</u>	Jazz Combo	1.00
<u>MUP-105</u>	Jazz Ensemble	1.00
<u>MUP-122</u>	Vocal Ensemble	2.00
<u>MUP-125</u>	Advanced Vocal Ensemble	2.00
<u>MUP-141</u>	College Orchestra	1.00
<u>MUP-150</u>	Contemporary Music Ensemble	2.00
MUP-241	College Orchestra	1.00
<u>MUS-101</u>	Music Fundamentals	3.00
<u>MUS-102</u>	Applied Music Fundamentals	3.00
<u>MUS-103</u>	Applied Music Fundamentals	3.00
<u>MUS-104</u>	<u>Applied Music Fundamentals</u>	<u>3.00</u>
<u>MUS-105</u>	Music Appreciation	3.00
<u>MUS-106</u>	Audio Recording At Home	1.00
<u>MUS-131</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-132</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-133</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-134</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-135</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-136</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-137</u>	Group Guitar I	1.00
<u>MUS-138</u>	Group Guitar II	1.00
<u>MUS-145</u>	Location Audio, Livestreaming, and Advanced Audio Editing Techniques	3.00

or MUS-150 & MUS-151 & MUS-152	Location, Live, and Dialogue Sound Recording and Video and Audio for Livestream and Advanced Audio Editing Techniques	
MUS-147	Music, Sound & Moviemaking	1.00
MUS-148	Live Sound Engineering	3.00
MUS-160	Songwriting I	2.00
MUS-161	Songwriting II	2.00
MUS-170	Introduction to Scoring Music for Media	2.00
MUS-171	Sound Design	2.00
MUS-205	Music Literature: History of Jazz	4.00
MUS-206	Music Literature: History of Rock	4.00
MUS-247	Sound for Media	3.00

Reviewer

Comments

Megan Feagles (megan.feagles) (05/16/25 6:48 am): Rollback: per request to edit Program

Basics/Electives

Megan Feagles (megan.feagles) (05/27/25 2:29 pm): Rollback: add MUS-104 to program basics

Program Change Request

Date Submitted: 05/27/25 2:42 pm

Viewing: **AAS.MUSICTECH : Music Technology**

Last approved: 04/18/25 8:40 am

Last edit: 05/28/25 7:46 am

Changes proposed by: David Badstubner (david.badstubner)

Catalog Pages Using
this Program

[Music Technology, AAS](#)

Change Type

College Council Review

No

Program Contact Information

Are you the Faculty Contact Person?

No

In Workflow

1. Curriculum Office
2. MUSC Chair
3. DASC Dean
4. Curriculum Office
5. Curriculum Committee Approval

Approval Path

1. 05/16/25 6:48 am
Megan Feagles (megan.feagles): Rollback to Initiator
2. 05/28/25 7:47 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
3. 05/28/25 9:30 am
Lars Campbell (lars.campbell): Approved for MUSC Chair
4. 05/28/25 9:35 am
Sue Goff (sue.goff): Approved for DASC Dean

History

1. Jun 7, 2024 by David Badstubner (david.badstubner)
2. Aug 12, 2024 by Megan Feagles (megan.feagles)

Faculty Contact Email

david.badstubner@clackamas.edu

Program Overview

Name of Proposed Program	
Music Technology	
Program Code	AAS.MUSICTECH
Award (CCWD)	
AAS Degree (90-108 credits) (AAS)	
Type of Program (CCC)	Associate of Applied Science (AAS)
Educational Focus Area	Creative Arts, Communication and Humanities
Effective Catalog Edition	2025-2026
Career Area	Arts, Information, and Communications
Department	Music
Division	Arts and Sciences
Other locations (institutions) this Program will be offered	
CIP Code	50.0913 - Music Technology.

Program Award Information

Program Learning Outcomes (PLOs)

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

	Outcome(s)
1	complete recording projects illustrating advanced competence in professional audio recording techniques/technologies and the ability to complete the production process using appropriate software/hardware;
2	complete recording projects that include elements of music and audio in a digital format, including MIDI, sound sampling, synthesis, processing, editing, mixing, and display advanced competence and confidence in the use of associated software/hardware appropriate for these tasks in a professional setting;
3	produce a portfolio of production, recording, and mixing projects that demonstrate advanced preparedness for entry into a career related to music technology, and articulate with advanced competency and demonstration how this portfolio connects and relates to professional opportunities in that field;
4	critically analyze and discuss with advanced competence and vocabulary multimedia works (their own or others) in the context of music history, theory, and industry trends;
5	demonstrate an awareness of ethical, legal, and business considerations involved when creating audio works, including advanced professional skills and understanding related to documentation and rights licensing for copyright, fair use, etc.
6	produce, mix, edit, and treat audio for current media paradigms such as television, movies, video games, podcasts, social media platforms, etc.

Proposed Curriculum

Plan of Study Grid

First Year

Fall Term	Credits
MUS-107 Introduction to Audio Recording I	3.00
MUS-141 Introduction to the Music Business	3.00
MUS-142 Introduction to Electronic Music I: MIDI	3.00
MUS-188 Performance Attendance	0.00
WR-101 Workplace Writing	4.00
or WR-121Z or Composition I	
Program Basics	3.00-4.00
Electives	3.00-4.00
Credits	19-21
Winter Term	
Select one of the following:	4.00
COMM-100Z Introduction to Communication	

<u>COMM-126</u>	Intro to Communication, Gender, and Sexuality	
<u>COMM-140</u>	Introduction to Intercultural Communication	
<u>COMM-218Z</u>	Interpersonal Communication	
<u>MTH-050</u>	Technical Mathematics I	4.00
or <u>MTH-065</u>	or Algebra II	
<u>MUS-108</u>	Introduction to Audio Recording II	3.00
<u>MUS-140</u>	Careers in Music	3.00
<u>MUS-143</u>	Introduction to Electronic Music II: Sequencing, Audio Looping, Sound EFX	3.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>Program Basics</u>		3.00-4.00
	Credits	20-21
Spring Term		
<u>MUS-109</u>	Introduction to Audio Recording III	3.00
<u>MUS-144</u>	Introduction to Electronic Music III: Digital Audio	3.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>MUS-280</u>	Music/CWE	2.00
<u>Program Basics</u>		3.00-4.00
<u>Electives</u>		3.00-4.00
	Credits	14-16
Second Year		
Fall Term		
<u>EET-112</u>	Electronic Equipment and Assembly I	1.00
Select one of the following:		3.00
<u>MUS-101</u>	Music Fundamentals	3.00
or <u>MUS-111</u>	or Music Theory I	
MUS-111	Music Theory I	-
<u>MUS-148</u>	Live Sound Engineering	3.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>MUS-207</u>	Advanced Audio Recording & Mixing I: Recording Techniques	3.00
<u>MUS-242</u>	Advanced Electronic Music I: Synthesis and Instrument Design	3.00
<u>MUS-247</u>	<u>Sound for Media</u>	<u>3.00</u>
<u>PE/Health/Safety/First Aid requirement</u>		1.00-3.00
<u>Electives</u>		3.00-4.00
	Credits	17-19
Winter Term		
<u>MUS-171</u>	Sound Design	2.00
<u>MUS-188</u>	Performance Attendance	0.00
<u>MUS-208</u>	Advanced Audio Recording & Mixing II: Editing & Mix Preparation	3.00
<u>MUS-243</u>	Advanced Electronic Music II: Electronic Music Ensemble	3.00
<u>MUS-248</u>	Live Sound Engineering II	3.00
	Credits	11

Spring Term

BA-119	Project Management Practices	2.00
MUS-188	Performance Attendance	0.00
MUS-209	Advanced Audio Recording & Mixing III: Mixing & Mastering Capstone	3.00
MUS-244	Advanced Electronic Music III: Production Capstone	3.00
MUS-247	Sound for Media	3.00
MUS-280	Music/CWE	2.00
Electives		3.00-4.00
	Credits	13-14
	Total Credits	94-102

Program Basics

MUP-100	Individual Lessons: Non-Music Majors	1.00-2.00
MUP-171	Individual Lessons: Piano	2.00
MUP-171J	Individual Lessons: Jazz Piano	2.00
MUP-171R	Individual Lessons: Rock, Blues, Pop Piano	2.00
MUP-172	Individual Lessons: Organ	2.00
MUP-174	Individual Lessons: Voice	2.00
MUP-174J	Individual Lessons: Jazz Voice	2.00
MUP-174R	Individual Lessons: Rock, Blues, Pop Voice	2.00
MUP-175	Individual Lessons: Violin	2.00
MUP-176	Individual Lessons: Viola	2.00
MUP-177	Individual Lessons: Cello	2.00
MUP-178	Individual Lessons: Bass	2.00
MUP-178J	Individual Lessons: Jazz Bass	2.00
MUP-178R	Individual Lessons: Rock, Blues, Pop Bass	2.00
MUP-179	Individual Lessons: Harp	2.00
MUP-180	Individual Lessons: Guitar	2.00
MUP-180J	Individual Lessons: Jazz Guitar	2.00
MUP-180R	Individual Lessons: Rock, Blues, Pop Guitar	2.00
MUP-181	Individual Lessons: Flute	2.00
MUP-181J	Individual Lessons: Jazz Flute	2.00

<u>MUP-182</u>	Individual Lessons: Oboe	2.00
<u>MUP-183</u>	Individual Lessons: Clarinet	2.00
<u>MUP-183J</u>	Individual Lessons: Jazz Clarinet	2.00
<u>MUP-184</u>	Individual Lessons: Saxophone	2.00
<u>MUP-184J</u>	Individual Lessons: Jazz Saxophone	2.00
<u>MUP-185</u>	Individual Lessons: Bassoon	2.00
<u>MUP-186</u>	Individual Lessons: Trumpet	2.00
<u>MUP-186J</u>	Individual Lessons: Jazz Trumpet	2.00
<u>MUP-187</u>	Individual Lessons: French Horn	2.00
<u>MUP-188</u>	Individual Lessons: Trombone	2.00
<u>MUP-188J</u>	Individual Lessons: Jazz Trombone	2.00
<u>MUP-189</u>	Individual Lessons: Euphonium	2.00
<u>MUP-190</u>	Individual Lessons: Tuba	2.00
<u>MUP-191</u>	Individual Lessons: Percussion	2.00
<u>MUP-191J</u>	Individual Lessons: Jazz Percussion	2.00
<u>MUP-191R</u>	Individual Lessons: Rock, Blues, Pop Drumset	2.00
<u>MUP-192T</u>	Individual Lessons: Audio Tech	2.00
<u>MUP-271</u>	Individual Lessons: Piano	2.00
<u>MUP-271J</u>	Individual Lessons: Jazz Piano	2.00
<u>MUP-271R</u>	Individual Lessons: Rock, Blues, Pop Piano	2.00
<u>MUP-272</u>	Individual Lessons: Organ	2.00
<u>MUP-274</u>	Individual Lessons: Voice	2.00
<u>MUP-274J</u>	Individual Lessons: Jazz Voice	2.00
<u>MUP-274R</u>	Individual Lessons: Rock, Blues, Pop Voice	2.00
<u>MUP-275</u>	Individual Lessons: Violin	2.00
<u>MUP-276</u>	Individual Lessons: Viola	2.00
<u>MUP-277</u>	Individual Lessons: Cello	2.00
<u>MUP-278</u>	Individual Lessons: Bass	2.00
<u>MUP-278J</u>	Individual Lessons: Jazz Bass	2.00

<u>MUP-278R</u>	Individual Lessons: Rock, Blues, Pop Bass	2.00
<u>MUP-279</u>	Individual Lessons: Harp	2.00
<u>MUP-280</u>	Individual Lessons: Guitar	2.00
<u>MUP-280J</u>	Individual Lessons: Jazz Guitar	2.00
<u>MUP-280R</u>	Individual Lessons: Rock, Blues, Pop Guitar	2.00
<u>MUP-281</u>	Individual Lessons: Flute	2.00
<u>MUP-281J</u>	Individual Lessons: Jazz Flute	2.00
<u>MUP-282</u>	Individual Lessons: Oboe	2.00
<u>MUP-283</u>	Individual Lessons: Clarinet	2.00
<u>MUP-283J</u>	Individual Lessons: Jazz Clarinet	2.00
<u>MUP-284</u>	Individual Lessons: Saxophone	2.00
<u>MUP-284J</u>	Individual Lessons: Jazz Saxophone	2.00
<u>MUP-285</u>	Individual Lessons: Bassoon	2.00
<u>MUP-286</u>	Individual Lessons: Trumpet	2.00
<u>MUP-286J</u>	Individual Lessons: Jazz Trumpet	2.00
<u>MUP-287</u>	Individual Lessons: French Horn	2.00
<u>MUP-288</u>	Individual Lessons: Trombone	2.00
<u>MUP-288J</u>	Individual Lessons: Jazz Trombone	2.00
<u>MUP-289</u>	Individual Lessons: Euphonium	2.00
<u>MUP-290</u>	Individual Lessons: Tuba	2.00
<u>MUP-291</u>	Individual Lessons: Percussion	2.00
<u>MUP-291J</u>	Individual Lessons: Jazz Percussion	2.00
<u>MUP-291R</u>	Individual Lessons: Rock, Blues, Pop Drumset	2.00
<u>MUP-292T</u>	Individual Lessons: Audio Tech	2.00
<u>MUS-101</u>	Music Fundamentals	3.00
<u>MUS-102</u>	Applied Music Fundamentals	3.00
<u>MUS-103</u>	Applied Music Fundamentals	3.00
<u>MUS-104</u>	Applied Music Fundamentals	3.00
<u>MUS-105</u>	Music Appreciation	3.00

<u>MUS-111</u>	Music Theory I	3.00
<u>MUS-112</u>	Music Theory I	3.00
<u>MUS-113</u>	Music Theory I	3.00
<u>MUS-131</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-132</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-133</u>	Group Piano: Piano for Pleasure	1.00
<u>MUS-134</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-135</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-136</u>	Group Voice: Anyone Can Sing	1.00
<u>MUS-137</u>	Group Guitar I	1.00
<u>MUS-138</u>	Group Guitar II	1.00
<u>MUS-205</u>	Music Literature: History of Jazz	4.00
<u>MUS-206</u>	Music Literature: History of Rock	4.00

Electives

<u>ART-161</u>	Photography I	4.00
<u>ART-162</u>	Photography II	4.00
<u>ART-261</u>	Photography III	4.00
<u>ART-262</u>	Digital Photography & Photo-Imaging	4.00
<u>BA-111</u>	General Accounting I	3.00
<u>BA-120</u>	Project Management Fundamentals	4.00
<u>BA-131</u>	Introduction to Business Computing	4.00
<u>BA-207</u>	Prepping for Business Success	4.00
<u>BA-223</u>	Principles of Marketing	4.00
<u>BA-228</u>	Computerized Accounting	4.00
<u>BA-239</u>	Advertising	4.00
<u>COMM-112</u>	Persuasive Speaking	4.00
<u>CS-120</u>	Survey of Computing	4.00
<u>DMC-221</u>	Introduction to 2D Animation: Design & Techniques	4.00

<u>DMC-225</u>	Computer Graphics I	4.00
<u>DMC-226</u>	Computer Graphics II	4.00
<u>DMC-227</u>	Computer Graphics III	4.00
<u>MUP-100</u>	<u>Individual Lessons: Non-Music Majors</u>	<u>1.00</u>
<u>MUS-101</u>	<u>Music Fundamentals</u>	<u>3.00</u>
<u>MUS-102</u>	<u>Applied Music Fundamentals</u>	<u>3.00</u>
<u>MUS-103</u>	<u>Applied Music Fundamentals</u>	<u>3.00</u>
<u>MUS-104</u>	<u>Applied Music Fundamentals</u>	<u>3.00</u>
<u>MUS-105</u>	<u>Music Appreciation</u>	<u>3.00</u>
<u>MUS-131</u>	<u>Group Piano: Piano for Pleasure</u>	<u>1.00</u>
<u>MUS-132</u>	<u>Group Piano: Piano for Pleasure</u>	<u>1.00</u>
<u>MUS-133</u>	<u>Group Piano: Piano for Pleasure</u>	<u>1.00</u>
<u>MUS-134</u>	<u>Group Voice: Anyone Can Sing</u>	<u>1.00</u>
<u>MUS-135</u>	<u>Group Voice: Anyone Can Sing</u>	<u>1.00</u>
<u>MUS-136</u>	<u>Group Voice: Anyone Can Sing</u>	<u>1.00</u>
<u>MUS-137</u>	<u>Group Guitar I</u>	<u>1.00</u>
<u>MUS-138</u>	<u>Group Guitar II</u>	<u>1.00</u>
<u>MUS-205</u>	<u>Music Literature: History of Jazz</u>	<u>4.00</u>
<u>MUS-206</u>	<u>Music Literature: History of Rock</u>	<u>4.00</u>

Reviewer

Comments

Megan Feagles (megan.feagles) (05/16/25 6:48 am): Rollback: per request to edit Program Basics/Electives