

<ul style="list-style-type: none"> s. English (AAT) t. Oregon Transfer Module e. Computer Science Amendments <ul style="list-style-type: none"> a. Full-Stack Web Development AAS b. Front-End Web Development CC f. AS, Mechanical Engineering, PSU Amendment g. Horticulture Changes <ul style="list-style-type: none"> a. HOR-249 Hours/Instructional Method Change b. Amendments <ul style="list-style-type: none"> i. Horticulture AAS ii. Horticulture CC iii. Plant Health Management CC iv. Landscape Management AAS v. Landscape Management AAS, Arboriculture vi. Landscape Practices CC vii. AS, Horticulture, OSU viii. Organic Farming CC h. Early Education Changes <ul style="list-style-type: none"> a. New Courses <ul style="list-style-type: none"> i. ECE-170 ii. ECE-170ES b. ECE-280ES Credit Change c. Program Amendments <ul style="list-style-type: none"> i. Early Childhood Education & Family Studies AAS ii. Early Learning CC iii. Educación infantil y estudios familiares AAS iv. Educación infantil y estudios familiares CC 	<p><i>Debra Carino</i></p> <p><i>Eric Lee</i></p> <p><i>April Chastain</i></p> <p><i>Christopher Konieczka</i></p> <p>Dawn Hendricks</p>	<p>Approval/26.SU</p> <p>Approval/26.SP</p> <p>Approval/26.SP</p> <p>Approval/26.SU</p> <p>Approval/26.SU</p> <p>Approval/26.SU</p> <p>Approval/26.SU</p>
<p>5. Old Business</p>		
<p>6. New Business</p> <ul style="list-style-type: none"> a. Gen Ed Approval for Common Course Numbering b. Commencement 	<p>Elizabeth Carney</p> <p>Sarah Steidl</p>	<p>Discussion</p> <p>Discussion</p>
<p>7. Closing Comments</p>		

Present: Keely Baca, Nora Brodnicki (Co-Chair), Armetta Burney, Debra Carino, Elizabeth Carney, Virginia Chambers, Amanda Coffey, Ephanie Debey, Ada Echevarria, Megan Feagles (Recorder), Jordan Gulley, Kari Hiatt, Danielle Hoffman, Kerrie Hughes, Anne Innis, Kara Leonard, Gentiana Loeffler, Keoni McHone, Kelly Mercer (Co-Chair), Deanna Myers, Anne-Mary Nash-Haruna, Misay Partnof, David Plotkin, Carrie Sandberg, Charles Siegfried, April Smith, Sarah Steidl, Chris Sweet, Dru Urbassik, Wryann Van Riper

Guests: Eric Lee, Joan San-Claire, Laurette Scott

Absent: ASG, Dustin Bare, Craig Connors, Erin Gravelle, Frank Kilders, AJ Smith, Aundrea Snitker, Keely Baca

1. Welcome

2. Approval of Minutes

- a. Approval of the December 5, 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. Program for Intensive English (PIE) Subject Inactivation

- a. Curriculum Office presented for Laura Joyce.
b. This is an informational item that all the courses in the PIE subject will be inactive starting in 26-27.
c. The Program for Intensive English (PIE) was paused at the start of Winter26 due to low enrollment. For that last 3 years, very few students (2 or 3 students each year) have benefited from the labor and resources going into maintaining the program, and with the current climate around international students, we don't foresee that rising in the near future. Pausing the PIE means we won't be accepting new students and we are removing all information about the program from the CCC Website. We will have the ability to reopen the PIE in the future if there were to be a rise in international students seeking English language programs in our area.
d. This was a difficult decision to make, as our PIE students have contributed so much to our learning community and the strength of the ESOL Department over the years. If you have questions or concerns about the impact of pausing the PIE, please reach out to Laura Joyce.

b. Gerontology CC Amendment

- a. Laurette Scott presented
b. Replacing 3 Credits of Electives with HS-100 due to a change in the HS-170 prerequisite.
c. It's possible all the Gerontology programs will be suspended soon due to lack of faculty.

Motion to approve, approved

5. Old Business

- a.

6. New Business

- a. CourseLeaf Program Form Updates
i. Dru Urbassik presented
ii. Much like when a program triggers a 30% change with CCWD, NWCCU has criteria that triggers a change which requires additional information. We've now built those additional fields into the program form.
iii. Added additional approval steps in the workflow **after** the Curriculum Committee approval step to ensure that only fully approved information will display to the public.
iv. Advisory Committee question was also added per ISP 196.

- v. These changes will be communicated to Department Chairs and Administrative Assistants through email.
- b. Change EFA Subject Name to “Career Exploration”
 - i. Eric Lee presented
 - ii. Right now, the EFA subject stands for Educational Focus Area. Is there interest in changing the subject name to be Career Exploration?
 - iii. Current EFA course titles:

EFA-101C	Introduction to the Creative Arts Communication and Humanities
EFA-101J	Introduction to the Social Sciences, Human Services and Criminal Justice
EFA-101N	Introduction to Natural Resources
EFA-101S	Introduction to STEM
 - iv. The HD subject currently stands for Human Development/Career Planning
 - v. Guided Pathways is picking up this winter, and they will look at these courses.
 - vi. There is interest for some to review the purpose of these courses.
- c. Interest in Reviewing PE Related Instruction Requirement
 - i. Is there interest in reviewing the PE/Health/Safety Related Instruction requirement for AAS degrees? ISP 181.
 - ii. Joan San-Claire brought up this topic at the 12/5/25 meeting and the Committee decided to bring it forward for discussion.
 - iii. There is interest in forming a group to explore if this is still needed. They would gather information about whether other Oregon Community Colleges have this or a similar requirement.
 - 1. Keoni, Joan, Elizabeth, Nora, Debra
- d. General Education Complete
 - i. David Plotkin presented
 - ii. In accordance with the vision statement adopted by the HECC on December 11, 2025, and the agency’s revised Strategic Plan, the HECC will develop a transfer General Education (GE) block that fulfills all general education requirements for a bachelor’s degree at any Oregon public university. The Transfer Council is requested to lead in the development of this block.
- e. Gen Ed Approval for Common Course Numbering
 - i. Moved to February 6th meeting.
 - ii. Do the Common Course Numbering courses need General Education approval?

7. Closing Comments

-Meeting Adjourned-

Next Meeting: February 6, 2026 (8-9:30am)

1. Course Title Change

Course	Current Title	Proposed Title

2. Course Number Change

Course	Title	Proposed Course Number

3. Outlines Reviewed for Approval

Course	Title	Implementation
APR-112UL	Outside Electrical Basic Theory II	2026/SP
APR-112UM	Metering: Basics II	2026/SP
APR-114LE	Data Communications	2026/SP
APR-115UW	Substation Metering & Relay Overview	2026/SP
APR-116UM	Network Data Operations (NDO) Overview	2026/SP
APR-118UM	Leadman Repairman Overview	2026/SP
APR-121UL	Outside Electrical Fundamental Theory I	2026/SP
APR-127PB	Plumbing Fittings & Materials	2026/SP
APR-131LM	Basic Electricity II	2026/SP
APR-137PB	Plumbing Basic Installation & ISO	2026/SP
APR-157PB	Plumbing Pipe Sizing & Advanced Math	2026/SP
APR-167PB	Plumbing Welding and Print Reading	2026/SP
APR-177PB	Plumbing Related Science	2026/SP
APR-187PB	Plumbing Related Codes	2026/SP
APR-202LM	Electrical Code Level I	2026/SP
APR-205PB	Service Plumbing	2026/SP
APR-217PB	Advanced Plumbing Installation	2026/SP
APR-218LE	Fire Alarm Systems	2026/SP
APR-219LE	ADA & Code	2026/SP
APR-223LM	Instrumentation & Controls	2026/SP
APR-227PB	Plumbing Gas Venting & Drains	2026/SP
APR-237PB	Plumbing Water Heater & Circuit Controls	2026/SP
APR-247PB	Advanced Plumbing Code I	2026/SP
APR-257PB	Advanced Plumbing Code II	2026/SP
APR-276PB	Plumbing Review I	2026/SP
APR-277PB	Plumbing Review II	2026/SP
APR-287PB	Plumbing Review III	2026/SP
ART-253	Ceramics/Intermediate	2026/SP
ART-257	Metalsmithing/Jewelry	2026/SP
BA-250	Small Business Management	2026/SP
CJA-214	Intimate Partner Violence	2026/SP
CJA-250	Reporting, Recording & Testifying	2026/SP
CJA-252	Introduction to Restorative Justice	2026/SP

CJA-270	Criminal Justice Capstone	2026/SP
DMC-264	Digital Filmmaking	2026/SP
DMC-265	Advanced Digital Filmmaking	2026/SP
ECE-235ES	Seguridad, Salud, y Nutrición	2026/SP
EMT-101	Emergency Medical Technician Part I	2026/SP
ES-101	Introduction to Ethnic Studies	2026/SP
ES-211	Introduction to Latino/a/x Studies	2026/SP
GEO-280	Geography/CWE	2026/SP
HOR-111	Horticulture Practicum/Fall	2026/SP
HOR-112	Horticulture Career Exploration	2026/SP
HOR-140	Soils	2026/SP
HOR-235	Weed Identification	2026/SP
HOR-284	Organic Farming Practicum/Summer	2026/SP
MUS-218	MPT Seminar I	2026/SP
NUR-100	Nursing Assistant I	2026/SP
SPN-101	First-Year Spanish I	2026/SP
SPN-102	First-Year Spanish II	2026/SP
SPN-103	First-Year Spanish III	2026/SP
TA-195	Student Performance Showcase	2026/SP
TA-211	Technical Theatre Study	2026/SP
TA-295	Student Performance Showcase	2026/SP
WET-108	Cross-Connection Control Program	2026/SP

Course Change Request

Date Submitted: 01/06/26 4:30 pm

Viewing: **APR-112UL : Outside Electrical Basic**

Theory II

Last approved: 11/22/25 5:38 am

Last edit: 01/07/26 6:29 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANUL: Electrician Apprenticeship Technologies \(UL\)](#)

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. 01/07/26 6:30 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 10:26 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)
3. Nov 22, 2025 by
Madison Sheets (madison.sheets)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 112UL

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Outside Electrical Basic Theory II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

Min Credit 5.00

Variable Credit No

Contact hours

Lecture 55.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 55

Proposed Effective Spring 2026

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

Instructs first year, second term apprentices in electrical-related training. National Electric Code (NEC) standards, application of electrical Direct Current (DC) theory, including Ohm's law, electrical grid components, rigging, OSHA regulations, electrical terminology and mathematical applications. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-111UL

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not 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	explain the individual characteristics <u>and applications</u> of different types of <u>electrical</u> conductors;
2	<u>apply Ohm's Law to calculate current and power in series, parallel, and combination DC circuits;</u> determine power ratings of components in series, parallel and combination circuits;
3	<u>interpret relevant National Electric Code (NEC) requirements as they apply to basic electrical theory and linework tasks;</u> apply Ohm's law to determine the current through any branch or component of a circuit;
4	<u>apply rigging techniques using a capstan to safely set pole structures;</u> follow National Electric Code standards;

Upon successful completion of this course, students should be able to:	
5	<u>identify and apply OSHA regulations and standard electrical terminology relevant to linework operations.</u> apply rigging techniques using a capstan to set pole structures;
6	cite OSHA regulations that pertain to the job of a lineman;
7	use specific electrical terms on the job.

Major Topic Outline

1. National Electric Code Standards. 2. Ohm's Law. 3. DC Theory. 4. Electrical terminology. 5. Lineworker rigging. 6. OSHA high voltage & telecommunication regulations.

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: 01/06/26 4:32 pm

Viewing: **APR-112UM : Metering: Basics II**

Last approved: 11/22/25 5:38 am

Last edit: 01/07/26 6:31 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANUM: Electrician Apprenticeship Technologies \(UM\)](#)

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. 01/07/26 6:31 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 10:26 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)
3. Nov 22, 2025 by
Madison Sheets (madison.sheets)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

kari.nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 112UM

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Metering: Basics II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

Min Credit 5.00

Variable Credit No

Contact hours

Lecture 55.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 55

Proposed Effective Spring 2026

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 designed to further first-year apprentice training by building on the concepts of electrical trade theory and introducing students to the aspects of substation safety. Apprentices will have the opportunity to use analog or digital meters to measure voltage, current, and resistance in DC circuits. Fundamentals of substation safety will be explored including responsibilities, personal protective equipment, fall protection, grounding and electrical hazard awareness. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-111UM

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in Do Not 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	<u>apply DC circuit theory and mathematical principles to analyze series, parallel, and combination electrical circuits;</u> combine math skills with DC theory to solve problems involving series and parallel electrical circuits;
2	<u>calculate voltage, current, resistance, and power in DC distribution systems, including line drop and special resistive circuits;</u> measure current in series and parallel circuits using either analog or digital meters;
3	<u>measure electrical quantities in DC circuits using appropriate analog and digital testing instruments;</u> combine math skills and electrical knowledge to solve distribution system problems;
4	<u>explain how conductor properties and ambient conditions affect resistance and circuit performance;</u> explain the differences in electrical conductors as determined

	Upon successful completion of this course, students should be able to:
	by their properties and by ambient conditions;
5	<u>identify electrical hazards and describe safety resources and protective devices used in electrical work.</u> identify the function and use of various electrical measurement and testing devices;
6	explain electrical hazards;
7	describe safety resources and safety devices used by electrical workers.

Major Topic Outline

1. Applying Kirchoff’s voltage and current laws. 2. Combination DC circuit analysis. 3. Line drops in electrical distribution systems. 4. Special DC resistive circuits, delta-wye, voltage dividers, current dividers, attenuators electrical efficiency. 5. Conductor properties, resistance of wire.

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: 01/06/26 4:38 pm

Viewing: **APR-114LE : Data Communications**

Last approved: 04/02/24 3:15 am

Last edit: 01/07/26 6:32 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Electrician Apprenticeship Technologies, AAS](#)
- [Electrician Apprenticeship Technologies, Certificate](#)
- [Limited License Electrician Apprenticeship Technologies, Career Pathway Certificate](#)

Programs
referencing this
course

- [CC.LIMITLICENSEA: Limited License Electrician Apprenticeship \(A\)](#)
- [CC.LIMITLICENSEB: Limited License Electrician Apprenticeship \(B\)](#)
- [AAS.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)
- [CC.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)

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. 10/30/25 2:47 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 11/10/25 11:02 am
Erin Gravelle (erin.gravelle):
Rollback to Curriculum Office for DTPS Curriculum Committee Outline Review Team
3. 11/10/25 11:09 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 11/10/25 3:13 pm
Erin Gravelle (erin.gravelle):
Rollback to Initiator
5. 01/07/26 6:32 am
Megan Feagles

(megan.feagles):

Approved for
Curriculum Office

6. 01/27/26 10:26 am

Erin Gravelle

(erin.gravelle):

Approved for DTPS
Curriculum

Committee Outline

Review Team

History

1. Feb 21, 2024 by
Megan Feagles
(megan.feagles)
2. Apr 2, 2024 by
Megan Feagles
(megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 114LE

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Data Communications

Grading

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

Contact hours

Lecture	48.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	
Total	48
Proposed Effective Term	Spring 2026

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 a comprehensive understanding of Data Communications and Networking with practical application. Hands-on terminations of common cabling types (including optical fiber) and installation methods and standards. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Limited Energy Apprenticeship program

Recommended

Is Student Petition required?

Yes

Show course in Do Not Print in Schedule
Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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 <u>the fundamental components</u> and <u>functions</u> apply the foundation of network, <u>telephone</u> , telephone and data <u>hardware systems</u> ; hardware ;
2	<u>analyze common network system types and architectures, including relay logic, access control, stand-alone, and host-based systems</u> ; understand a variety of network systems ;
3	<u>apply design and wiring principles to network and data systems in accordance with applicable NEC requirements</u> ; understand and apply design & wiring concepts to relay logic, access control, stand-alone, and host systems ;
4	<u>explain how data is transmitted digitally using standard networking models and protocols, including the OSI 7-Layer Model</u> ; understand how data is transmitted digitally ;
5	<u>perform basic conduit bending techniques to support network and data system installations</u> . understand basic conduit bending .

Major Topic Outline

1. Introduction, overview, syllabus. 2. Module 33301-11. 3. Module 33302-11 & OSI 7-Layer Protocol. 4. Module 33303-11, Fiber construction and terminations, NEC Article 770. 5. Module 33304-11, CATV Design, NEC Article 820. 6. Module 46101-11, Material lists and design lab. 7. Module 33305-11, UTP termination lab. 8. Module 33306-11, NEC Article 800. 9. Module 33307-11, Conduit bending.

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

Erin Gravelle (erin.gravelle) (11/10/25 11:02 am): Rollback: Understand isn't an actionable student learning outcome. Please refer to the Curriculum Committee SLO's guidance sheet that I'll send you via email.

Erin Gravelle (erin.gravelle) (11/10/25 3:13 pm): Rollback: The verb “understand” isn’t considered measurable in a Student Learning Outcome, since it can be difficult to assess directly. You might consider using more observable verbs such as “describe,” “explain,” “apply,” or “demonstrate” to make the outcome clearer and easier to measure. For example: Instead of: “Understand basic electrical safety procedures.” You could write: “Demonstrate basic electrical safety procedures” or “Explain key electrical safety principles.” These revisions make it easier to assess student learning and align more clearly with measurable outcomes.

Key: 72

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/06/26 4:37 pm

Viewing: **APR-115UW : Substation Metering &**

Relay Overview

Last approved: 04/02/24 3:15 am

Last edit: 01/07/26 6:33 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

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. 10/28/25 12:19 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 11/10/25 11:04 am
Erin Gravelle (erin.gravelle):
Rollback to Curriculum Office for DTPS Curriculum Committee Outline Review Team
3. 11/10/25 11:08 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 11/10/25 3:11 pm
Erin Gravelle (erin.gravelle):
Rollback to Initiator
5. 01/07/26 6:33 am
Megan Feagles

(megan.feagles):

Approved for
Curriculum Office

6. 01/27/26 10:26 am

Erin Gravelle

(erin.gravelle):

Approved for DTPS
Curriculum

Committee Outline

Review Team

History

1. Feb 21, 2024 by
Megan Feagles
(megan.feagles)
2. Apr 2, 2024 by
Megan Feagles
(megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 115UW

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Substation Metering & Relay Overview

Grading

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

Contact hours

Lecture	
Lec/Lab	40.00
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	
Total	40
Proposed Effective Term	Spring 2026

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 introduces the apprentice to the duties of Substation Metering & Relay Technicians. It outlines how to perform testing, calibration, maintenance, installation and trouble shooting on new or existing equipment and circuit installation. It also details how to obtain line fault data and investigate equipment outages throughout the system on substations and/or switch yard equipment. In addition, this course provides the student with one-on-one time spent in the field with a Substation Metering & Relay Technician. [Students must attend all required days.](#)

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

~~Attend all required days to be eligible for program credits~~

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	<u>explain the role of Substation Metering and Relay Technicians in collecting, validating, and maintaining accurate meter data through Meter Data Collection (MDC) systems;</u> list and describe the daily functions performed by Substation Metering & Relay Technicians, including work done under the supervision of a manager, and discuss common work environments and expectations;
2	<u>troubleshoot meter communication systems and installations to identify and resolve data transmission and equipment issues;</u> outline substation entry prerequisites, including system controls, signing the log book, observing security protocols and using personal protective equipment (PPE);
3	<u>analyze energy consumption data to identify metering discrepancies and ensure accuracy for billing and retail energy products;</u> describe how Substation Metering & Relay Technicians maintain and test transformers, meters and protective relays, both electromechanical and solid state;
4	<u>perform and interpret testing and calibration procedures on metering and related electrical equipment to evaluate system performance and reliability;</u> explain the relevance of electrical, mechanical, and electronic component prints and schematics, technical instructions and diagrams, and personal computers;
5	<u>apply technical documentation and coordination practices to support meter installations, maintenance activities, and Automated Meter Infrastructure (AMI) deployments.</u> review how technicians perform intricate and complex tests and calibrations on equipment, how they assess and interpret the test results, and how they use the information for further monitoring or to make improvement recommendations;
6	summarize the methods technicians use to analyze electrical, mechanical, and electronic component prints, schematics, and technical instructions and diagrams to resolve problems and improve equipment operation;

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

7	discuss relevant technical literature and current issues in technology improvement and electrical theory;
8	describe communication protocols between technicians and other groups and explain the importance of clear communication and the maintenance of accurate testing records;
9	outline the process for assessing and reviewing equipment and working with engineers to make installation, reliability, maintenance and design recommendations;
10	list the steps technicians take to prepare information and instruction materials to support and train peers;
11	describe how technicians identify and resolve equipment outages to rapidly restore power to customers.

Major Topic Outline

1. Accurate, timely Meter Data Collection (MDC) data gathering and maintenance of energy usage information through operations of the MDC. 2. Troubleshoot existing and new meter communication installations. 3. Analyze energy consumption patterns to identify metering discrepancies. 4. Ensure data used for billing and retail products. 5. Provide support to Metermen for the installation of Automated Meter Infrastructure (AMI) meters.

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

Erin Gravelle (erin.gravelle) (11/10/25 11:04 am): Rollback: There are many SLO's listed and all of the SLO's in a course must be assessed. Are all of these SLO's going to be assessed? Also, some of the SLO's have more than one learning outcome in them. For example #5.

Erin Gravelle (erin.gravelle) (11/10/25 3:11 pm): Rollback: There are quite a few SLOs listed, and since all SLOs in a course need to be assessed, I wanted to check—will all of these be assessed? Also, a few of the SLOs seem to include more than one learning outcome within a single statement. For example, take a look at #5—it might be helpful to consider separating those into distinct outcomes for clarity and easier assessment.

Course Change Request

Date Submitted: 01/06/26 4:40 pm

Viewing: **APR-116UM : Network Data Operations (NDO) Overview**

Last approved: 04/02/24 3:15 am

Last edit: 01/07/26 6:33 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

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. 10/28/25 12:16 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 11/10/25 11:01 am
Erin Gravelle (erin.gravelle):
Rollback to Curriculum Office for DTPS Curriculum Committee Outline Review Team
3. 11/10/25 11:09 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 11/10/25 3:14 pm
Erin Gravelle (erin.gravelle):
Rollback to Initiator
5. 01/07/26 6:34 am
Megan Feagles

(megan.feagles):

Approved for
Curriculum Office

6. 01/27/26 10:26 am

Erin Gravelle

(erin.gravelle):

Approved for DTSP
Curriculum

Committee Outline

Review Team

History

1. Feb 21, 2024 by
Megan Feagles
(megan.feagles)
2. Apr 2, 2024 by
Megan Feagles
(megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 116UM

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Network Data Operations (NDO) Overview

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow 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 Term	Spring 2026

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 will give the meterman apprentice an overview of smart meter operations and associated systems/servers including Meter Data Collection (MDC), Sensus, Total Metering Solution (TMS), and MV90, the industry standard for information collection and storage. The Meterman Apprentice will gain a better understanding of the process around the use of smart meter data, including validation of the usage to ensure accurate readings as well as an understanding of alarms the meter can trigger out in the field.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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 Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	<u>operate Meter Data Collection (MDC) systems to gather, maintain, and manage accurate energy usage data;</u> deliver accurate, timely MDC data gathering and maintenance of energy usage information through operations of the MDC;
2	<u>troubleshoot meter communication systems and installations to identify and resolve data transmission, alarm, and validation errors;</u> successfully work with Comm Server Operators and data to resolve TMS, Sensus, and MV90 meter communication errors;
3	<u>analyze energy consumption data to identify metering discrepancies and ensure data accuracy for billing and retail energy services;</u> provide first level resolution of communication failures and comm server errors;
4	<u>maintain MDC databases by correcting data errors and updating services to support system reliability and operational accuracy;</u> provide support to metermen for the installation of Automated Meter Infrastructure (AMI) meters;
5	<u>support Automated Meter Infrastructure (AMI) meter installations and operations through coordination with field and system personnel.</u> troubleshoot existing and new meter communication installations and alarms;
6	provide AMI support to billing specialists and other departments;
7	analyze energy consumption patterns to identify metering discrepancies;
8	ensure data used for billing and retail products and services reflects true operational characteristics;
9	investigate and work with Comm Server Operators to resolve MDC data validation errors;
10	work with Customer Information System (CIS) operations to resolve data errors;

Upon successful completion of this course, students should be able to:	
11	execute ad hoc queries as needed to support other parties including management, Retail Products and Services, Customer Service Delivery, Energy Recovery Unit, vendors, and Meter Shop;
12	clean up and correct corrupt data as found during normal work;
13	add new services to the MDC databases;
14	troubleshoot existing and new communications, meter installations plan and test installations for communications and meter technologies.

Major Topic Outline

1. Accurate, timely MDC data gathering and maintenance of energy usage information through operations of the MDC. 2. Troubleshoot existing and new meter communication installations. 3. Analyze energy consumption patterns to identify metering discrepancies. 4. Ensure data used for billing and retail products. 5. Provide support to Metermen for the installation of AMI meters.

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

Erin Gravelle (erin.gravelle) (11/10/25 11:01 am): Rollback: There are a lot of student learning outcomes here for a one credit class. Each SLO needs to have an assessment attached to it. Are all of these going to be assessed?

Erin Gravelle (erin.gravelle) (11/10/25 3:14 pm): Rollback: There are a lot of SLO's for a one credit class. All SLO's must be measurable. Will all of these SLO's be assessed in this course? If not, they should be removed from the SLO's area.

Key: 76

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/28/25 12:13 pm

Viewing: **APR-118UM : Leadman Repairman**

Overview

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:51 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

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. 10/28/25 12:17 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:53 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 118UM

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Leadman Repairman Overview

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

Min Credit 2.00

Variable Credit No

Contact hours

Lecture

Lec/Lab 40.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 40

Proposed Effective Spring 2026

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

Apprentices will experience the daily duties of Leadman Repairman as they investigate customer service calls and install, maintain and remove customer services. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	summarize how to install, maintain, and remove customer services;
2	explain the general steps of how to set and remove meters;
3	restate how to investigate service interruptions and sectionalize and/or clear damaged equipment with maximum regard to public safety and to speedy restoration of essential service;
4	explain the basic steps to investigate customers' service calls and complaints and correct them, know the evaluation process to see if company equipment is at fault, or advise customer where to seek correction if their equipment is at fault;
5	describe the general concepts of how to operate line and substation switches and control equipment on routine or emergency work and keep familiar with lines and stations;
6	assess how to re-fuse transformers and line devices;
7	explain the responsibilities of a Journeyman Lineman on a line crew;
8	state how to make service connects and disconnects;

	Upon successful completion of this course, students should be able to:
9	explain the importance of working computers and applications such as e-mail, Outage Management System (OMS) and Street Light Management system (SLM).

Major Topic Outline

1. Install, maintain, and remove customer services. 2. Set and remove meters. 3. Investigate service. 4. Investigate customers' service calls. 5. Operate line and substation switches and control equipment on routine or emergency work. 6. Keep familiar with lines and stations. 7. Re-fuse transformers and line devices. 8. Work as a Journeyman Lineman on a line crew when necessary. 9. Make service connects and disconnects. 10. Working knowledge of computers and applications.

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: 10/28/25 12:08 pm

Viewing: **APR-121UL : Outside Electrical**

Fundamental Theory I

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:51 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)
[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANUL: Electrician Apprenticeship Technologies \(UL\)](#)

Credits/Hours/Instructional Method Change

In Workflow

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

Approval Path

1. 10/28/25 12:12 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:51 pm
Erin Gravelle (erin.gravelle):
Approved for DTSP Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 121UL

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Outside Electrical Fundamental Theory I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

Min Credit 5.00

Variable Credit No

Contact hours

Lecture 55.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 55

Proposed Effective Spring 2026

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

Instructs ~~Instruct~~ second-year apprentices on the principles and concepts of electrical laws, codes, work safety habits, electrical calculations, electrical apparatus for power line work and the installation process for transformers, test equipment and field equipment.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-113UL

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in Schedule

Do Not 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	state principles of electrical apparatus, i.e. transformers; tapes, nameplates, polarity, connections;
2	explain the fundamentals of A/C, D/C, (3) phase A/C, phase sequencing and back feed;
3	summarize the principle operation of testing instruments and metering devices;
4	follow the correct operation procedures in use of testing devices;
5	identify and apply construction standards based on the National Electrical Safety Codes (NESC);
6	apply work safety habits through use of personal protection equipment (PPE).

Major Topic Outline

1. AC theory. 2. Electrical distribution. 3. Transformer principles. 4. Testing instruments and metering devices. 5. NESC Codes. 6. Work place safety.

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: 10/30/25 12:17 pm

Viewing: **APR-127PB : Plumbing Fittings & Materials**

Last approved: 02/21/24 3:45 am

Last edit: 01/29/26 4:49 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Construction Trades, General Apprenticeship, AAS](#)
- [Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

- [AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
- [CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 10/30/25 12:23 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:50 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 127PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Fittings & Materials

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Term Spring 2026

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

Methods of identifying and joining plastic, copper, cast iron, steel, glass and other piping materials as well as piping connections and plumbing code.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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?

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 safe working practices including rigging and lock out tag out in accordance with state and federal regulations;
2	apply OSHA practices in relation to the specific trade;
3	apply theory as it relates to trade competencies;
4	utilize recognized standard building <u>code guidelines</u> codes guideline as applicable;
5	demonstrate the proper care, use and storage of hand and power tools.

Major Topic Outline

1. Plastic pipe types and joining. 2. Continuation of above. 3. Copper types and joining. 4. Iron pipe types and joining. 5. Cast iron pipe types and joining. 6. Midterm. 7. Concrete, clay & bituminized fiber. 8. Special material for special jobs. 9. Storm, sewer and water service material.

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: 10/30/25 2:40 pm

Viewing: **APR-131LM : Basic Electricity II**

Last approved: 06/08/23 5:13 am

Last edit: 12/08/25 11:51 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANLME: Electrician Apprenticeship Technologies \(LME\)](#)

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. 10/30/25 2:42 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:56 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

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

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix

APR - Apprenticeship

Course Number

131LM

Department

Apprenticeship

Division

Technology, Applied Science and Public
Services (TAPS)

Course Title

Basic Electricity II

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

No

Audit

No

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 Term Spring 2026

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

Covers application of several theories learned in previous term. Additional topics will include: motors, controls, alignment, pulleys and gears, troubleshooting theory, power distribution and lighting, electrical wiring and schematics.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

APR-130LM

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not 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

MFG-131 - Basic Electricity II

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	demonstrate the application of industrial motors and motor controls;
2	diagram elementary electrical schematics;
3	illustrate the electro-mechanical components of power transmission;
4	apply troubleshooting theory to solve ordinary industrial problems.

Major Topic Outline

1. Electric motors.
2. Motor controls.
3. Power transmission.
4. Schematics.
5. Trouble shooting.
6. Lighting

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: 99

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:17 pm

Viewing: **APR-137PB : Plumbing Basic Installation & ISO**

Last approved: 02/21/24 3:45 am

Last edit: 01/29/26 4:44 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Construction Trades, General Apprenticeship, AAS](#)
- [Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

- [AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
- [CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 10/30/25 12:23 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:44 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 137PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Basic Installation & ISO

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Term Spring 2026

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

Installation practices: plumbing fixtures, valves and fittings. Blueprint Reading: lines, scale rulers, sketching, symbols, detail sketching, orthographic projection, isometric & oblique sketches.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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?

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 safe working practices including rigging and lock out tag out in accordance with state and federal regulations;
2	apply OSHA practices in relation to the specific trade;
3	apply theory as it relates to trade competencies;
4	utilize recognized standard building <u>code guidelines</u> codes guideline as applicable;
5	demonstrate the proper care, use and storage of hand and power tools;
6	read and interpret building plans and drawings.

Major Topic Outline

1. Introduction and job safety. 2. Installation practices and fixtures I & II. 3. Fixtures III, fixture fittings, and valves I. 4. Valves II and introduction to blueprint reading. 5. Lines and scale rulers. 6. Sketching & midterm. 7. Detail sketching and symbols. 8. Orthographic projection and isometric sketching. 9. Oblique sketching and course review.

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: 110

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:18 pm

Viewing: **APR-157PB : Plumbing Pipe Sizing & Advanced Math**

Last approved: 02/21/24 3:46 am

Last edit: 01/30/26 6:40 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Construction Trades, General Apprenticeship, AAS](#)
- [Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

- [AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
- [CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 10/30/25 12:25 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 4:47 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix

APR - Apprenticeship

Course Number

157PB

Department

Apprenticeship

Division

Technology, Applied Science and Public
Services (TAPS)

Course Title

Plumbing Pipe Sizing & Advanced Math

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow 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 Term Spring 2026

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

Learn water pipe sizing & materials, water treatment, sewage, drainage, stacks, distribution systems, cross-connection protection, hot water heater types and the related codes. Advance mathematical skills to include square roots, cube roots, offsets, area and volume calculations, and lead & oakum.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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?

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 safe working practices including rigging and lock out tag out in accordance with state and federal regulations;
2	apply OSHA practices in relationship to the specific trade;
3	apply theory as it relates to trade competencies;
4	utilize recognized standard building codes guideline as applicable;
5	apply appropriate formulas to mathematical <u>situations</u> . situations ;
6	utilize recognized standard building codes guidelines as applicable.

Major Topic Outline

1. Introductions, orientation, syllabus and water fixture units 2. ~~units-2~~. Water pipe sizing & water treatment. 3. Mathematics for plumbers. 4. Hot water heaters.

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: 10/30/25 12:18 pm

Viewing: **APR-167PB : Plumbing Welding and Print Reading**

Last approved: 02/21/24 3:46 am

Last edit: 12/08/25 11:53 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Construction Trades, General Apprenticeship, AAS](#)
- [Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

- [AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
- [CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 10/30/25 12:25 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:24 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 167PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Welding and Print Reading

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Term Spring 2026

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

Blueprint Reading: rough-in sheets, single line drawings, detail drawings and sections. Welding: Gas welding, cutting theory, soldering, brazing and cutting; flat and vertical weld and shielded metal-arc welding.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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?

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 safe working practices including rigging and lock out tag out in accordance with state and federal regulations;
2	apply OSHA practices in relationship to the specific trade;
3	apply theory as it relates to trade competencies;
4	utilize recognized standard building codes guideline as applicable;
5	demonstrate ability to perform welding/brazing applications;
6	analyze the properties of materials and how they apply to welding and brazing applications.

Major Topic Outline

1. Blueprint Reading a. Rough-in sheets b. Single line drawings c. Detail drawings d. Section drawings
2. Welding a. Gas b. Soldering c. Brazing d. Cutting e. Oxy-acetylene f. Shielded metal-arc

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: 121

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:19 pm

Viewing: **APR-177PB : Plumbing Related Science**

Last approved: 03/29/24 3:32 am

Last edit: 12/08/25 11:53 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

Credits/Hours/Instructional Method Change

In Workflow

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

Approval Path

1. 10/30/25 12:25 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:29 pm
Erin Gravelle (erin.gravelle):
Approved for DTSP Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 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

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 177PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Related Science

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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

Installation practices: venting materials, sizing, and hangers and sewage pumps and ejectors. Related science: water properties, pressure, hydraulics, and traps; air, manometers, pressure testing and air chambers. Rigging & hoisting: safety, concepts, knots & hitches, hoists & pulleys, ladders & scaffolds, and hand signals. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-167PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	accurately apply knowledge of venting materials and sizing to plumbing installations that meet code requirements;
2	demonstrate an understanding and knowledge of water pressure, plumbing traps, manometers, etc. to troubleshoot, repair and install plumbing fixtures to meet code requirements.

Major Topic Outline

1. assemble code books & review administration; 2. Plumber's math; 3. Rigging & Hoisting; 4. Manometers, pressure testing, water hammers and air chambers; 5. Water properties, pressure, hydraulics and traps; 6. Venting materials – sizing and hanging process.

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: 123

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:19 pm

Viewing: **APR-187PB : Plumbing Related Codes**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:53 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:26 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:31 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by Megan Feagles (megan.feagles)
2. Mar 8, 2024 by Megan Feagles (megan.feagles)
3. Apr 2, 2024 by Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 187PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Related Codes

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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

Building Code and Mechanical Code requirements that affect plumbing installations including a review of Fire and Life-Safety Codes relative to plumbing installation. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Plumbers Apprenticeship program

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	recognize types of building construction and occupancies;
2	apply Fire and Life Safety requirements relative to plumbing systems within a building;
3	apply the requirements for cutting, boring and notching beams, joists, studs, glu-lams and walls for piping installation;
4	identify different structural members and their use in building construction;
5	identify fire-rated walls and ceiling, and be proficient in fire caulking and sealing plumbing penetrations in fire-rated assemblies.

Major Topic Outline

1. Fire, Life Safety Code requirements & building design for fire escape, corridors and stairways.
2. Fire resistive assemblies, building types and occupancies.
3. Construction materials and structural members: grade beams, footings, framing members and types of construction. Shear walls, beams, trusses, joists, headers & glu-lams.
4. Piping Penetrations & Fire stopping.
5. Cutting, boring and notching.

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: 10/30/25 2:41 pm

Viewing: **APR-202LM : Electrical Code Level I**

Last approved: 06/08/23 5:13 am

Last edit: 01/27/26 2:34 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANLME: Electrician Apprenticeship Technologies \(LME\)](#)

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. 10/30/25 2:43 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:34 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

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

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix

APR - Apprenticeship

Course Number

202LM

Department

Apprenticeship

Division

Technology, Applied Science and Public
Services (TAPS)

Course Title

Electrical Code Level I

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

Yes

Only 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 Spring 2026

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

Provides a working knowledge of the National Electrical Code (NEC). Assists LME apprentices in preparing for the state electrical exam. Topics include definitions, requirements for electrical installations, identification and use of electrical conductors, wiring, circuit-protection, wiring methods, materials, and electrical safety standards.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship 210-
~~Career Technical Preparatory (MUST BE IN A PROGRAM)~~

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 Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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

IMT-262 - Electrical Code Level I

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	describe and apply industry definitions in the trade;
2	describe requirements for electrical installations;
3	identify and use electrical conductors, wiring, circuit-protection, wiring methods and materials;
4	explain electrical safety standards.

Major Topic Outline

Industry definitions in the trade, requirements Requirements for electrical installations, electrical Electrical conductors, wiring, circuit-protection, wiring methods and materials
Electrical safety standards

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: 132

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:21 pm

Viewing: **APR-205PB : Service Plumbing**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:54 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:27 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:36 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 205PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Service Plumbing

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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

Course will teach the plumbing apprentice basic skills required to service and repair a plumbing system. The apprentice will have an opportunity to learn methods used by a plumber to trouble shoot a plumbing system and restore it to working order. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-177PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	trouble shoot and repair a plumbing system in general;
2	recognize materials used to repair such systems;
3	access, identify and understand codes and manufacturer's documents related to plumbing systems.

Major Topic Outline

1. Common Service practices, tools, customer relations. 2. Recognizing plumbing systems old and modern. 3. Drain Obstructions. 4. Water system problems. 5. Faucets and Valve repair. 6. Water Closets. 7. Tubs, showers, other fixture repair.

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: 137

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:21 pm

Viewing: **APR-217PB : Advanced Plumbing Installation**

Last approved: 04/02/24 3:15 am

Last edit: 01/27/26 2:38 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Construction Trades, General Apprenticeship, AAS](#)
- [Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

- [AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
- [CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:27 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:39 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 217PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Advanced Plumbing Installation

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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

Plumbing theory and association skills and knowledge related to residential, commercial and industrial installation of appliances, fixture fittings and trim, gas code, piping, controls and regulators, as well as mathematics relative to elevations, leveling and transit. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-177PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	apply new knowledge to properly install plumbing fixtures from rough-in to finish;
2	apply the National Fuel Gas Code of gas piping;
3	calculate elevations and grades, utilize a level and transit.

Major Topic Outline

1. Intro & explain objectives including “where you should be”. 2. Fixtures at rough-in. 3. Fixtures at finish. ~~rough-in~~. 4. ~~Fixtures at finish~~. ~~5~~. Gas properties. 5. ~~6~~. Gases, pipe sizing. 6. ~~7~~. Elevations in plumbing. 7. ~~8~~. Elevations in plumbing.

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: 140

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 2:38 pm

Viewing: **APR-218LE : Fire Alarm Systems**

Last approved: 04/02/24 3:15 am

Last edit: 01/27/26 2:14 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

- [Apprenticeship \(APR\)](#)
- [Electrician Apprenticeship Technologies, AAS](#)
- [Electrician Apprenticeship Technologies, Certificate](#)
- [Limited License Electrician Apprenticeship Technologies, Career Pathway Certificate](#)

Programs
referencing this
course

- [CC.LIMITLICENSEA: Limited License Electrician Apprenticeship \(A\)](#)
- [AAS.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)
- [CC.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)

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. 10/30/25 2:47 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/27/26 2:09 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 218LE

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Fire Alarm Systems

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 48.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 48

Proposed Effective Spring 2026

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 covers the basics of Fire Alarm systems for the Limited Energy License A and B. The class will cover the basics of National Fire Protection Association (NFPA) 72 and National Electrical Codes (NEC) 760. It will cover the different styles of circuits, wiring and devices and their components. Students will also learn system drawing and math. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Limited Energy Apprenticeship program

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	identify and apply correct fire alarm terminology;
2	identify and describe the different types of initiating and notification devices;
3	describe the basic requirements of a fire alarm system;
4	review and understand fire alarm drawings;
5	explain the basic requirements for installing a fire alarm system;
6	explain the basic requirements for servicing fire alarm systems;
7	describe the basic requirements for testing a fire alarm system;
8	demonstrate problem solving using <u>Ohm's</u> OHM's law;
9	identify the requirements for nurse call systems.

Major Topic Outline

1. Introduction to NFPA 72. 2. NFPA 72 Fundamentals. 3. NFPA 72 Protected Premises. 4. NEC 760. 5. Review basic fire alarm plans including, basic math, Ohm's ~~OHM's~~ Law, voltage drop

math. 6. Inspection, testing, & maintenance. 7. Basic fire alarm service. 8. Oregon Requirements for nurse call systems. 9. Basics of nurse call systems. 10. Nurse call equipment; operation and servicing of nurse call systems.

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: 10/30/25 2:38 pm

Viewing: **APR-219LE : ADA & Code**

Last approved: 04/02/24 3:15 am

Last edit: 01/23/26 1:49 pm

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

[Electrician Apprenticeship Technologies, Certificate](#)

[Limited License Electrician Apprenticeship Technologies, Career](#)

[Pathway Certificate](#)

Programs
referencing this
course

[CC.LIMITLICENSEA: Limited License Electrician Apprenticeship \(A\)](#)

[CC.LIMITLICENSEB: Limited License Electrician Apprenticeship \(B\)](#)

[AAS.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)

[CC.ELECTRICIANLE: Electrician Apprenticeship Technologies \(LE\)](#)

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. 10/30/25 2:48 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 1:51 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 219LE

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title ADA & Code

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 48.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 48

Proposed Effective Spring 2026

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

Covers review of math dealing with Ohm's Law, Kershov's Law, trigonometry, voltage drop calculations and how to calculate horsepower to amperage depending on what type of electricity is being used. Also included are the newest changes in the National Electrical Code (NEC), **basic** Americans with Disabilities [\(ADA\) requirements](#) **(ADA)requirements** and test preparation for the Journey Level Limited Energy exam. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Acceptance into Limited Energy Apprenticeship program

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	calculate problems using Ohm's Law, Kershov's Law and trigonometry to solve limited energy installation and repair requirements;
2	calculate voltage drop, and horsepower to amperage;
3	interpret and apply pertinent ADA laws to properly place and install limited energy equipment to meet accessibility requirements.

Major Topic Outline

1. Intro & Orientation to ADA and NEC. 2. Tab National Electrical Code. 3. NEC updates as required by OAR. 4. Tables Oregon Specialty. 5. Administrative Rules. 6. Oregon Revised Statutes (ORS).

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: 142

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 2:42 pm

Viewing: **APR-223LM : Instrumentation & Controls**

Last approved: 06/08/23 5:13 am

Last edit: 12/08/25 11:54 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Electrician Apprenticeship Technologies, AAS](#)

Programs
referencing this
course

[AAS.ELECTRICIANLME: Electrician Apprenticeship Technologies \(LME\)](#)

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. 10/30/25 2:44 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 1:47 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

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

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 223LM

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Instrumentation & Controls

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

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 Term Spring 2026

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

Course instruction covers areas of process measurement, control and data acquisition.
Common sensors and actuators and their applications are also presented.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

APR-130LM

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Do Not 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

IMT-223 - Instrumentation & Controls

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	describe the ranges of common sensors and actuators that are used for environmental measurement and process control;
2	select and implement sensors for a variety of measurement applications including, temperature, position, angular velocity, strain, and pressure;
3	implement actuators such as motors, valves and heaters to perform process control tasks;
4	interpret process measurement and control for an industrial or environmental application.

Major Topic Outline

1. Process control and measurement overview 2. Piping and instrumentation diagrams 3. Temperature sensors: infrared and thermometers 4. Pressure measurement and instruments 5. Position, proximity, encoding, and measurement 6. Signal transmission, current loops, and interference 7. Controllers 8. Valves 9. Actuators and positioners

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: 10/30/25 12:22 pm

Viewing: **APR-227PB : Plumbing Gas Venting & Drains**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:55 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:28 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 1:43 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 227PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Gas Venting & Drains

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

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 Spring 2026

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

Introduces apprentices to the basic venting of gas appliances, mathematics to calculate offsets for plumbing systems, and cylindrical & rectangular tanks; storm drain systems and isometric drawings. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-217PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	calculate size and install venting materials to meet local code requirements;
2	calculate offsets, tank capacities, and ratios;
3	size and install storm drainage to meet needs and local code requirements;
4	apply understanding of conduction, convection and radiation heat transfer to provide proper insulation.

Major Topic Outline

1. Venting of gas appliances. 2. Mathematics of offsets. 3. Capacities, volumes, ratio pipe capacities. 4. Storm drainage. 5. Thermal expansion. 6. Isometric drawings and practice. 7. Heat transfer through conduction. 8. Radiant floor systems.

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: 145

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/06/26 4:34 pm

Viewing: **APR-237PB : Plumbing Water Heater & Circuit Controls**

Last approved: 04/02/24 3:15 am

Last edit: 01/07/26 6:34 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)
[Construction Trades, General Apprenticeship, AAS](#)
[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)
[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:29 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 11/10/25 11:11 am
Erin Gravelle (erin.gravelle):
Rollback to Curriculum Office for DTPS Curriculum Committee Outline Review Team
3. 11/10/25 11:11 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 11/10/25 3:09 pm
Erin Gravelle (erin.gravelle):
Rollback to Initiator
5. 01/07/26 6:34 am
Megan Feagles

(megan.feagles):

Approved for
Curriculum Office

6. 01/23/26 1:33 pm

Erin Gravelle

(erin.gravelle):

Approved for DTPS
Curriculum

Committee Outline

Review Team

History

1. Feb 21, 2024 by
Megan Feagles
(megan.feagles)
2. Apr 2, 2024 by
Megan Feagles
(megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 237PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Water Heater & Circuit Controls

Grading

Grade Scheme	Standard (STND)
Credit Type	Credit Course
Allow 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 Term	Spring 2026

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

Plumbing concepts relative to energy, temperature, and heat transfer via conduction, convection, and radiation in gas, oil, electric and solar water heaters. Included are water treatment, basic motors & controls, circuit protection, and troubleshooting. Blueprint reading segment covers specifications, floor, site, structural, plumbing, electrical and HVAC plans.

Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-227PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	<u>apply principles of heat transfer to plumbing systems, including water heating applications using gas, oil, electric, and solar sources;</u> describe and apply the science of heat transfer to plumbing trade applications;
2	<u>apply mathematical calculations to solve common plumbing system and installation problems;</u> apply math skills to solve plumbing-related issues;
3	<u>explain water treatment processes and their role in plumbing and related water systems;</u> understand the process by which gas, oil, electric and solar heat applies to water heating;
4	<u>troubleshoot motor and control system issues related to plumbing fixtures using safe and systematic procedures;</u> understand the water treatment process;
5	<u>interpret blueprints and specifications to extract information needed for plumbing installation and system layout.</u> safely and logically troubleshoot motor & control issues relative to plumbing fixtures;
6	read a full set of blueprints to glean needed information for plumbing installation.

Major Topic Outline

1. Storm drains. 2. Related water systems. 3. Filters, softeners, fire sprinklers. 4. Review new code changes, week 1-5 review. 5. Electricity. 6. Blueprint reading and specifications.

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

Erin Gravelle (erin.gravelle) (11/10/25 11:11 am): Rollback: Understand isn't an actionable SLO. Please refer to curriculum committee guidance on writing SLO's that I sent you and let me know if you have any questions.

Erin Gravelle (erin.gravelle) (11/10/25 3:09 pm): Rollback: Understand isn't an actionable SLO. Please refer to curriculum committee guidance on writing SLO's that I sent you and let me know if you have any questions.

Key: 163

[Preview Bridge](#)

Course Change Request

Date Submitted: 11/05/25 1:07 pm

Viewing: **APR-247PB : Advanced Plumbing Code I**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:55 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 2:50 pm
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 11/05/25 1:08 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 01/15/26 11:52 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 247PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Advanced Plumbing Code I

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 Spring 2026

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 designed to prepare the apprentice for the plumbing journeyman exam. It introduces the Uniform Plumbing Code and covers additional plumbing laws and rules. The student will work with the plumbing code book to learn definitions and general regulations, acceptable methods and materials for plumbing installations and will prepare for the State plumbing examination. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Successful completion of 1st, 2nd, and 3rd years of Plumbing related training

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	identify the plumbing codes;
2	explain plumbing and code definitions;
3	explain plumbing theory and design;
4	use proper materials and processes for fixtures, water heaters and water piping systems.

Major Topic Outline

1. Administrative rules. 2. General Regulations. 3. Fixtures. 4. Water Heaters. 5. Water Piping. 6. Plumbing Laws and Statues. 7. Plumbing Administrative Rules. 8. Preparation for State Exam.

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: 01/15/26 12:20 pm

Viewing: **APR-257PB : Advanced Plumbing Code II**

Last approved: 04/02/24 3:15 am

Last edit: 01/27/26 6:49 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

[Construction Trades, General Apprenticeship, Certificate](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

[CC.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:30 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:50 am
Erin Gravelle (erin.gravelle):
Rollback to Initiator
3. 01/16/26 9:35 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 01/23/26 1:31 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by Megan Feagles (megan.feagles)
2. Apr 2, 2024 by Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 257PB

Department Apprenticeship

Division Technology, Applied Science and Public Services (TAPS)

Course Title Advanced Plumbing Code 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 Spring 2026

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 designed to prepare the apprentice for the plumbing journeyman exam. It is a continuation of [APR-247PB, Advanced Plumbing Code I](#), and covers additional plumbing codes, analysis of definitions, plumbing theory and design, and vents, traps, and storm drain systems. Medical Gas installation will be reviewed. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-247PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in
Schedule

Do Not Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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>identify and interpret applicable plumbing codes relevant to plumbing system design and installation</u> ; identify the plumbing codes;
2	explain plumbing <u>terminology, definitions</u> , and code <u>requirements used in professional practice</u> ; definitions;

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

3	<u>apply plumbing theory and design principles to drainage, waste, and vent systems;</u> explain plumbing theory and design;
4	<u>apply installation standards, materials, and processes for code-compliant plumbing systems, including vents, traps, storm drains, and medical gas systems.</u> use proper materials and processes for vents, traps and storm drains and medical gas.

Major Topic Outline

1. Plumbing Codes and Regulations 2. Plumbing Terminology and Code Definitions 3. Plumbing Theory and System Design 4. Drainage and Waste Systems 5. Vent and Trap Systems 6. Plumbing Installation Standards 7. Specialized Systems ~~1. Sewers. 2. Indirect Waste. 3. Vents. 4. Traps. 5. Installation Standards 1-9. 6. Installation Standards 10-26. 7. Medical Gas.~~

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

Erin Gravelle (erin.gravelle) (01/15/26 11:50 am): Rollback: It's not clear if the Installation Major Topic Outline is covered by the SLO's. Please clarify. Thanks!

Course Change Request

Date Submitted: 11/05/25 1:06 pm

Viewing: **APR-276PB : Plumbing Review I**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:55 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 2:50 pm
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 11/05/25 1:09 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 01/15/26 11:36 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 276PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Review I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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 designed to prepare the apprentice for the plumbing journeyman exam. It is the first of three Advanced Plumbing Code classes and covers additional plumbing codes, analysis of definitions, plumbing theory and design, advanced preparation for the State Journeyman's Plumbers exam and overview of the entire code book. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

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

Successful completion of 1st, 2nd, and 3rd years of Plumbing related training

Recommended

Is Student Petition required?

Yes

Show course in Do Not Print in Schedule
Schedule

Hide course in catalog
No

When do you plan to offer this course?
Not Offered Every Term

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	identify the OSPSC plumbing code;
2	identify and utilize plumbing math concepts and functions;
3	explain ADA requirements.

Major Topic Outline

1. Review Plumbing Code chapters.
2. Review Isometric Drawing.
3. Review Mathematics.
4. Review Safety.
5. Review Administrative Rules, Laws, Regulations.
6. Review Plumbing Science.
7. Review ADA requirements.

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: 173

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:24 pm

Viewing: **APR-277PB : Plumbing Review II**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:56 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:31 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:35 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 277PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Review II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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 the second of three classes designed to provide the fourth year apprentice with a computer-assisted overview of previous courses and an opportunity to explore advanced plumbing topics. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-267PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	identify the OSPSC plumbing code;
2	identify and utilize plumbing math concepts and functions;
3	explain ADA requirements.

Major Topic Outline

1. Review Plumbing Code chapters. 2. Review Isometric Drawing. 3. Review Mathematics. 4. Review Safety. 5. Review Administrative Rules, Laws, Regulations. 6. Review Plumbing Science. 7. Review ADA requirements.

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: 174

[Preview Bridge](#)

Course Change Request

Date Submitted: 10/30/25 12:24 pm

Viewing: **APR-287PB : Plumbing Review III**

Last approved: 04/02/24 3:15 am

Last edit: 12/08/25 11:56 am

Changes proposed by: Madison Sheets (madison.sheets)

Catalog Pages
referencing this
course

[Apprenticeship \(APR\)](#)

[Construction Trades, General Apprenticeship, AAS](#)

Programs
referencing this
course

[AAS.CONSTRUCTPB: Construction Trades, General Apprenticeship \(PB\)](#)

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. 10/30/25 12:31 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:34 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Feb 21, 2024 by
Megan Feagles (megan.feagles)
2. Apr 2, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

No

Faculty Contact

Email

Kari.Nixon@clackamas.edu

Course Prefix APR - Apprenticeship

Course Number 287PB

Department Apprenticeship

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Plumbing Review III

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow 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 Spring 2026

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 the last of three classes designed to provide the fourth year apprentice with a computer-assisted overview of previous courses and an opportunity to explore advanced plumbing topics. Required: Student Petition.

Type of Course (ACTI Code)

230 - Career Technical Apprenticeship

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

APR-277PB

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in

Do Not Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Not Offered Every Term

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	identify the OSPSC plumbing codes;
2	identify and utilize plumbing math concepts and functions;
3	explain ADA requirements.

Major Topic Outline

1. Review Plumbing Code chapters. 2. Review Isometric Drawing. 3. Review Mathematics. 4. Review Safety. 5. Review Administrative Rules, Laws, Regulations. 6. Review Plumbing Science. 7. Review ADA requirements.

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: 175

[Preview Bridge](#)

Course Change Request

Date Submitted: 12/22/25 7:56 am

Viewing: **ART-253 : Ceramics/Intermediate**

Last approved: 02/22/25 5:37 am

Last edit: 12/22/25 8:14 am

Changes proposed by: Nora Brodnicki (norab)

Catalog Pages

referencing this
course

[Architectural Engineering Emphasis, AS - with Oregon State University](#)

[Art \(ART\)](#)

[Associate of Arts Oregon Transfer \(AAOT\)](#)

[Associate of General Studies \(AGS\)](#)

[Biological Engineering Emphasis, AS - with Oregon State University](#)

[Biology \(AST\)](#)

[Business \(AST\)](#)

[Chemical Engineering Emphasis, AS - with Oregon State University](#)

[Civil Engineering Emphasis, AS - with Oregon State University](#)

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

[Construction Engineering Management Emphasis, AS - with Oregon State University](#)

[Core Transfer Map \(CTM\)](#)

[Ecological Engineering Emphasis, AS - with Oregon State University](#)

[Electrical Engineering Emphasis, AS - with Oregon State University](#)

[Elementary Education \(AAOT\)](#)

[Environmental Engineering Emphasis, AS - with Oregon State University](#)

[Industrial Engineering Emphasis, AS - with Oregon State University](#)

[Mechanical Engineering Emphasis, AS - with Oregon State University](#)

[Music Emphasis, AS - with Portland State University](#)

[Oregon Transfer Module \(OTM\)](#)

Programs

referencing this
course

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

[AS.OSUBIOLENGR: AS, Biological 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. 12/22/25 8:03 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 4:05 pm
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 1, 2023 by
Megan Feagles (megan.feagles)
2. Feb 22, 2025 by
Nora Brodnicki (norab)

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

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

[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.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](#)

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

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix ART - Art

Course Number 253

Department Art

Division Arts and Sciences

Course Title Ceramics/Intermediate

Grading

Grade Scheme Standard (STND)

Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only Pass/No Pass	No
Audit	Yes
Min Credit	4.00
Variable Credit	No

Contact hours

Lecture	33.00
Lec/Lab	
Lab	33.00
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers Ed	
Community Education/Adult	
Total	66

Proposed Effective Term Spring 2026

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

In this course, students further develop ceramic skills and clay experience to foster artistic growth. Students explore and develop different methods of working with clay, including pinching, coiling, slab construction, and throwing on the wheel and refine glazing and firing methods. Students research the history of ceramics and its connection to culture and society.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

ART-250, ~~ART-251~~, or ART-252, 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?

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	create works in clay that demonstrate intermediate-level skill using clay construction and glazing techniques; (AL1)
2	identify and describe ceramic works and their artistic, cultural and/ or historical styles; (AL2)
3	demonstrate group and self-critiquing skills; (AL1)
4	recognize standards of quality in design and technique; (AL1)
5	apply ceramic techniques, terminology and ideas;
6	apply artistic ideas using clay as the primary medium. (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.

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

Pre-Post Assessment

Projects

Major Topic Outline

1. Make ceramic works using pinch, coil, slab and thrown methods 2. Load kilns, glaze, and clean up. 3. Design and aesthetics: uses of material, design and aesthetic critiques. 4. Historical study of ceramics using books and/ or internet sources. 5. Development of creative processes through projects; reinforced by verbal and written information 6. Technical information: clay, glazes, materials, and firing methods.

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)

EOU= ART 270

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

I checked websites for comparable courses

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

SOU= ART 255

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

I checked websites for comparable courses

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

U of O= ARTC 255

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

I checked websites for comparable courses

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

WOU= A 255/ A 256

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

I checked websites for comparable courses

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 11/14/25 1:46 pm

Viewing: **ART-257 : Metalsmithing/Jewelry**

Last approved: 11/01/23 5:10 am

Last edit: 12/08/25 11:58 am

Changes proposed by: Nora Brodnicki (norab)

Catalog Pages
referencing this
course

[Architectural Engineering Emphasis, AS - with Oregon State University
Art \(ART\)](#)

[Biological Engineering Emphasis, AS - with Oregon State University](#)

[Chemical Engineering Emphasis, AS - with Oregon State University](#)

[Civil Engineering Emphasis, AS - with Oregon State University](#)

[Construction Engineering Management Emphasis, AS - with Oregon
State University](#)

[Ecological Engineering Emphasis, AS - with Oregon State University](#)

[Electrical Engineering Emphasis, AS - with Oregon State University](#)

[Environmental Engineering Emphasis, AS - with Oregon State
University](#)

[Industrial Engineering Emphasis, AS - with Oregon State University](#)

[Mechanical Engineering Emphasis, AS - with Oregon State University](#)

Programs
referencing this
course

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

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

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

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

[AS.TPSYCHOLOGY: Psychology \(AST\)](#)

[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](#)

[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. 11/17/25 7:15 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 12/03/25 7:15 pm
Keely Baca
(keely.baca):
Approved for DASC
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?

Yes

Course Prefix ART - Art

Course Number 257

Department Art

Division Arts and Sciences

Course Title Metalsmithing/Jewelry

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 66

Proposed Effective Spring 2026

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 examines basic techniques in metalsmithing and jewelry-making.~~ Students will learn basic techniques and processes of metalsmithing, ~~metalsmithing~~ such as sawing, cold connection, soldering, metal inlay, fabrication, forming, surface treatments, ~~treatments~~ and casting. Students will examine and research different cultural and historical small metals and jewelry forms. The focus of this class is the creation of small metal forms. ~~The focus of this class will be placed on creating forms for body adornment.~~ Critiques, discussions and presentations are included in this course.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

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 ~~Do Not~~ Print in Schedule
Schedule

Hide course in catalog

No

When do you plan to offer this course?

Fall/Spring ~~Not Offered Every Term~~

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No ~~Yes~~

Course Certifications

Is this a Related Instruction course?

No

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

No ~~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	create personal works of small sculpture and/ or jewelry; (AL1)
2	identify and describe small metal <u>works, their cultural meaning,</u> works and their art historical styles; (AL2)
3	demonstrate group and self-critiquing skills; (AL1)

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

4	recognize standards of quality in design and technique; (AL1)
5	apply basic small metals techniques, terminology and ideas;
6	apply artistic ideas and cultural concepts to the use of metal as the primary medium. (AL2)

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

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

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

AL: Arts and Letters Outcomes

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

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

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

Portfolios

Projects

Other Assessment Tools

Other Assessment Tools

Major Topic Outline

1. Pierced Pendant- sawing, piercing, filing, surface treatment. 2. Etched and Die formed Broach- soldering, jump ring making, hydraulic press die forming, photo etching. 3. Cold Forge Bracelet- cold forging. 4. Hollow ring-construction and fabrication. 5. Cast Ring- Wax working, Lost wax casting. 6. Marriage of Metal– puzzle soldered inlay. 7. Small metals and their connection to art, cultural and historical ideas.

Green Course Management

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

Increased Energy Efficiency

No

Produce Renewable Energy

No

Prevent Environmental Degradation

No

Clean up Natural Environment

No

Supports Green Services

No

Percent of Course 0

Course Transferability

OUS school to which the course will transfer

~~OIT - Oregon Institute of Technology~~

Comparable

course(s)

~~ART 258, ART 259~~

How does it transfer?

~~general elective~~

~~required or support for major~~

Evidence of transferability

~~Other. Please explain.~~

Explanation of other evidence of transferability

~~review of outlines on website~~

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

ART-200 level for elective credits ~~ART 258, ART 259~~

How does it transfer?

general elective

~~required or support for major~~

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

review of outlines on website

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

ART 257 ~~ART 258, ART 259~~

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

review of outlines on website

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 01/13/26 4:09 pm

Viewing: **BA-250 : Small Business Management**

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

Last edit: 01/27/26 8:41 am

Changes proposed by: Joshua Aman (josh.aman)

Catalog Pages
referencing this
course

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

[Business, AAS](#)

[Front-End Web Development, Certificate](#)

[Full-Stack Web Development, AAS](#)

[Music Technology, AAS](#)

Programs
referencing this
course

[AAS.FULLSTACK: Full-Stack Web Development](#)

[CC.FRONTENDDEV: Front-End Web Development](#)

[AAS.MUSICTECH: Music Technology](#)

[AAS.BUSINESS: Business](#)

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. 01/13/26 2:19 pm
Megan Feagles (megan.feagles):
Rollback to Initiator
2. 01/13/26 4:15 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
3. 01/15/26 8:13 am
Kerrie Hughes (kerrieh): Approved for DASC Curriculum Committee Outline Review Team
4. 01/16/26 9:41 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office

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 250

Department Business

Division Arts and Sciences

Course Title Small Business Management

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only 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 Spring 2026

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

Focuses on entrepreneurship and small business management from business concept development to new business launch and key steps in between. Students integrate knowledge and skills from prior business coursework to create a substantive business plan or other projects that reinforce essential entrepreneurship and small business management concepts that are associated with this course. Students should take this course in the final year of their academic program(s).

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-101Z~~, BA-119, ~~BA-131~~, BA-206, BA-211Z, ~~BA-213Z~~, BA-223, BA-224, and WR-121Z. Student Petition required for non-Business AAS students

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
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 the entrepreneurial concept and discuss its role in businesses;
2	identify strategies to create market advantages and opportunities for small business;

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

3	apply the strategic process to a small business application including internal and external environmental analysis, goal setting, and tactical implementation;
4	develop a plan for a small business;
5	perform basic financial analyses for a small business.

Major Topic Outline

1. Entrepreneurial Integrity & Ethics. 2. Getting Started. 3. Franchises and Buyouts. 4. Family Businesses. 5. The Business Plan. 6. The Marketing Plan. 7. The Organizational Plan. 8. The Location Plan. 9. Financial Statements 10. Forecasting Financial Requirements. 11. Sources of Financing. 12. Customer Relationships. 13. Product and Supply Chain Management. 14. Pricing and Credit Decisions. 16. Promotional Planning. 17. Global Marketing. 18. Managing Human Resources. 19. Managing Operations. 20. Managing Assests. 21. Managing Risk.

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 ~~OIT - Oregon~~
~~Institute of Technology~~

Comparable

course(s)

[BA260 Foundations of the Entrepreneurial Mindset at Oregon State University](#) ~~BA260~~

~~Introduction to Entrepreneurship at Oregon State University~~ ~~BA260 Introduction to Entrepreneurship at Eastern Oregon University~~

How does it transfer?

general elective

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[Searched OSU Catalog Course descriptions](#)

OUS school to which the course will transfer

[EOU - Eastern Oregon University](#)

Comparable

course(s)

[BA 260 Intro to Entrepreneurship](#)

How does it transfer?

[general elective](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[Searched OSU Catalog Course descriptions](#)

Please attach documentation

Reviewer Comments

Megan Feagles (megan.feagles) (01/13/26 2:19 pm): Rollback: Lower Division Collegiate courses must transfer to at least 2 oregon colleges. Please fill out the course transferability section to include at least one more college.

Key: 310

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/06/26 10:21 am

Viewing: **CJA-214 : Intimate Partner Violence**

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

Last edit: 01/06/26 10:21 am

Changes proposed by: Tim Musgrave (tim.musgrave)

Catalog Pages
referencing this
course

[Criminal Justice \(CJA\)](#)

[Criminal Justice, AAS](#)

[Human Services Generalist, AAS](#)

Programs
referencing this
course

[AAS.CRIMJUSTICE: Criminal Justice](#)

[AAS.HUMANSERVEN: Human Services Generalist](#)

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. 01/07/26 7:39 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:40 am
Erin Gravelle (erin.gravelle):
Approved for DTPS 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 CJA - Criminal Justice

Course Number 214

Department Education, Human Services and Criminal Justice

Division Technology, Applied Science and Public Services (TAPS)

Course Title Intimate Partner Violence

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

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 Term Spring 2026

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 will analyze the historical, social, legal, and psychological aspects of Intimate Partner Violence. Includes definitions of the problem, demographics, survivors, perpetrators, children who witness, strategies and tactics of abuse and survival, and core strategies for legal intervention.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

[Discipline Studies](#)

Is this class challengeable?

[Yes](#) ~~No~~

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

~~CJA-203~~ or HS-100

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?

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)

Social Sciences

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	analyze the historical, cultural and social research regarding Intimate Partner Violence (IPV);
2	demonstrate familiarity with the theories related to family violence;
3	examine the effects of IPV within diverse populations;
4	identify the psychological impact of IPV on adults and children;
5	analyze and discuss the Oregon State Statutes utilized in the prosecution of IPV;
6	describe the basic roles and responsibilities of law enforcement and advocates as it relates to IPV.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

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

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

SS: Social Science Outcomes

Apply analytical skills to social phenomena in order to understand human behavior.

P

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Outcome Assessment Strategies

Outcomes Assessment Strategies

Major Topic Outline

1. History and overview of IPV. 2. Gender roles: privilege and socialization. 3. Nature of the threat; dynamics of power and control. 4. Child, teen, male, gay and lesbian victims of IPV. 5. Abuse of the elderly. 6. Strangulation in IPV cases. 7. Substance abuse and IPV. 8. Sensitivity and competence response to victims of IPV. 9. Shelters and community resources. 10. Oregon State Statutes pertaining to IPV. 11. Role of law enforcement and the court system. 12. Basic investigation techniques. 13. Coordinated community response to IPV.

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)

[Applies as part of credit allowance for CCJ electives.](#)

How does it transfer?

[required or support for major](#)

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet course check

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

Applies toward professional or technical credits

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

Applies for Criminal Justice major or general elective.

How does it transfer?

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

[Internet](#)

Please attach documentation

Reviewer Comments

Key: 429

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/06/26 10:41 am

Viewing: **CJA-250 : Reporting, Recording & Testifying**

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

Last edit: 01/06/26 10:41 am

Changes proposed by: Tim Musgrave (tim.musgrave)

Catalog Pages
referencing this
course

[Criminal Justice \(CJA\)](#)

[Criminal Justice, AAS](#)

[Criminal Justice, Corrections Option, AAS](#)

[Related Instruction](#)

Programs
referencing this
course

[AAS.CRIMJUSTICE: Criminal Justice](#)

[AAS.CORRECTIONS: Criminal Justice AAS, Corrections Option](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 01/07/26 7:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:38 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

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

Are you the Faculty Contact Person?

Yes

Course Prefix CJA - Criminal Justice

Course Number 250

Department Education, Human Services and Criminal Justice

Division Technology, Applied Science and Public Services (TAPS)

Course Title Reporting, Recording & Testifying

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only 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 Term Spring 2026

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

Surveys documentation skills in criminal justice professions. Verbal, nonverbal and written forms of criminal justice related workplace communication are studied and practiced, including communicating with the public, basic interviewing, documentation, courtroom testimony, and report writing.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

[Discipline Studies](#)

[Foundational Requirement](#)

Is this class challengeable?

[Yes](#) ~~No~~

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

WR-121Z with a C or better

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Spring

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

Yes

Related Instruction Area Human Relations

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

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	describe the importance of communication skills in criminal justice professions;
2	define the types of communication and its components in the context of criminal justice;
3	explain the special considerations when communicating with minority communities and vulnerable populations;
4	conduct a basic interview;
5	demonstrate how to testify in court;
6	demonstrate the common types of written communication and reports in law enforcement agencies, the court system, and corrections.

Major Topic Outline

1. Communicating authority. 2. Interacting with minority communities and vulnerable populations. 3. Dealing with manipulation. 4. Questioning, listening and interviewing skills. 5. Formal and informal documentation. 6. Basic reports in law enforcement agencies, the court system, and corrections. 7. Drafting affidavits and the use of reports in court. 8. Court testimony. 9. Law enforcement and use of technology in communications.

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

[SOU - Southern Oregon University](#)

Comparable

course(s)

[Meets the requirement for communication](#)

How does it transfer?

[general education or distribution requirement](#)

[general elective](#)

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet

OUS school to which the course will transfer

PSU - Portland State University

Comparable
course(s)

Accepted as division elective for Criminology & Criminal Justice programs.

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet

OUS school to which the course will transfer

EOU - Eastern Oregon University

Comparable
course(s)

Elective transfer for Criminal Justice or Fire Services Administration programs.

How does it transfer?

general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

[Internet](#)

Please attach documentation

Reviewer Comments

Key: 435

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/06/26 10:49 am

Viewing: **CJA-252 : Introduction to Restorative Justice**

Last approved: 03/29/24 3:33 am

Last edit: 01/06/26 10:49 am

Changes proposed by: Tim Musgrave (tim.musgrave)

Catalog Pages
referencing this
course

[Criminal Justice \(CJA\)](#)

[Criminal Justice, Corrections Option, AAS](#)

[Juvenile Corrections, Certificate](#)

Programs
referencing this
course

[CC.CORRECTIONSJUV: Juvenile Corrections](#)

[AAS.CORRECTIONS: Criminal Justice AAS, Corrections Option](#)

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. 01/07/26 7:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:24 am
Erin Gravelle (erin.gravelle):
Approved for DTPS 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 CJA - Criminal Justice

Course Number 252

Department Education, Human Services and Criminal Justice

Division Technology, Applied Science and Public Services (TAPS)

Course Title Introduction to Restorative Justice

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

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 Spring 2026

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

Provides a critical introduction to restorative justice. Covers fundamental values and principles of restorative justice, and the experience and interests of key stakeholders (victims, offenders, communities, and systems).

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

[Discipline Studies](#)

Is this class challengeable?

[Yes](#) ~~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?

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)

[Social Sciences](#)

Equivalent Courses

Equivalent Active Courses

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	explain the history, values and principles of restorative justice;
2	distinguish between restorative and retributive frameworks of justice;
3	convey the impact of crime, and the resulting interests and needs, for victims, offenders, and communities;
4	analyze the role of punishment and shame in causing and/or preventing offending behavior;
5	describe the primary models of restorative justice practice;
6	outline the prevalent critical issues of restorative justice;
7	assess the applicability of restorative justice in an existing justice or social system;
8	apply restorative justice to an existing justice or social system.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

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

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

SS: Social Science Outcomes

Apply analytical skills to social phenomena in order to understand human behavior.

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Outcome Assessment Strategies

Outcomes Assessment Strategies

Major Topic Outline

1. Restorative justice history, values and principles. 2. Impact and interests of stakeholders (victim, offender, community) when crime occurs. 3. Impact of punishment and shame on offending behavior. 4. Primary models of restorative justice practice. 5. Critical issues facing restorative justice. 6. Challenges facing restorative justice application within our existing systems (focus on criminal justice and school systems). 7. Application of restorative justice in existing justice and social systems.

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)

[Credit applies as elective for Criminology & Criminal Justice](#)

How does it transfer?

general elective
required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable
course(s)

Transfers as a lower-division Criminal Justice elective.

How does it transfer?

general education or distribution requirement
general elective

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

Internet

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 01/06/26 10:51 am

Viewing: **CJA-270 : Criminal Justice Capstone**

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

Last edit: 01/06/26 10:51 am

Changes proposed by: Tim Musgrave (tim.musgrave)

Catalog Pages
referencing this
course

[Criminal Justice \(CJA\)](#)

[Criminal Justice, AAS](#)

[Criminal Justice, Corrections Option, AAS](#)

Programs
referencing this
course

[AAS.CRIMJUSTICE: Criminal Justice](#)

[AAS.CORRECTIONS: Criminal Justice AAS, Corrections Option](#)

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. 01/07/26 7:41 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:22 am
Erin Gravelle (erin.gravelle):
Approved for DTPS 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 CJA - Criminal Justice

Course Number 270

Department Education, Human Services and Criminal Justice

Division Technology, Applied Science and Public Services (TAPS)

Course Title Criminal Justice Capstone

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

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 Term Spring 2026

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 applies and assesses the knowledge and skills gained by students who are completing the criminal justice program. Students will complete analyses of second year criminal justice courses, will review program learning outcomes, complete and present an e-portfolio, and take an exit examination.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Foundational Requirement

Is this class challengeable?

Yes No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

CJA-170

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)

Social Sciences

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	review and analyze knowledge and skills gained in second year criminal justice courses;
2	apply concepts contained in program learning outcomes to new materials;
3	develop a presentation in the form of an e-portfolio that demonstrates mastery of program learning outcomes.

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

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

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

SS: Social Science Outcomes

Apply analytical skills to social phenomena in order to understand human behavior.

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

Outcome Assessment Strategies

Outcomes Assessment Strategies

Major Topic Outline

Analysis of courses taken through second year, winter term Review of Program Learning Outcomes Analysis of courses taken second year, spring term E-portfolio development E-portfolio presentation Peregrine Academics examination

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)

Capstone courses

How does it transfer?

required or support for major

Evidence of transferability

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

Capstone courses

How does it transfer?

required or support for major

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

Capstone courses

How does it transfer?

required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 12/29/25 11:43 am

Viewing: **DMC-264 : Digital Filmmaking**

Last approved: 01/18/25 5:20 am

Last edit: 12/29/25 11:43 am

Changes proposed by: Nora Brodnicki (norab)

Catalog Pages
referencing this
course

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

[Digital Media Communications, AAS](#)

[Video Production Technician, Career Pathway Certificate](#)

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. 12/30/25 7:47 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 8:11 am
Kerrie Hughes (kerrieh): Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
2. Jan 18, 2025 by
Nora Brodnicki (norab)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix DMC - Digital Media Communications

Course Number 264

Department Art

Division Arts and Sciences

Course Title Digital Filmmaking

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 66

Proposed Effective Term Spring 2026

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

In this course, students follow the process of translating a written script into a digital film via pre-production, lighting, shooting, and post-video production.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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-090 or placement in WRD-098, WRD-098 or placement in WR-121Z, or Student Petition~~

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

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	critically analyze, revise and break down a script into the key elements for production;
2	demonstrate technical skills of video camera operation and lighting;
3	demonstrate the ability to translate dramatic elements of writing into a dramatic performance;
4	critically analyze and interpret professionally-produced videos and feature films;
5	create with a group a semi-professional short film;
6	apply filmmaking techniques such as cinematography and lighting to filmmaking exercises.

Major Topic Outline

1. Screenwriting revision. 2. Scheduling/preproduction. 3. Script analysis. 4. Translating story to a dramatic performance. 5. Creating semi-professional short films.

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: 12/29/25 11:44 am

Viewing: **DMC-265 : Advanced Digital Filmmaking**

Last approved: 12/07/24 5:10 am

Last edit: 12/29/25 11:44 am

Changes proposed by: Nora Brodnicki (norab)

Catalog Pages

referencing this
course

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

[Digital Media Communications, AAS](#)

Programs

referencing this
course

[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. 12/30/25 7:49 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 01/15/26 8:11 am
Kerrie Hughes (kerrieh): Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
2. Dec 7, 2024 by Nora Brodnicki (norab)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix DMC - Digital Media Communications

Course Number 265

Department Art

Division Arts and Sciences

Course Title Advanced Digital Filmmaking

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community
Education/Adult

Total 66

Proposed Effective Term Spring 2026

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 emphasizes advanced filmmaking skills. Students will produce short films from written scripts.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

DMC-264 ~~DMC-104 or Student Petition~~

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

~~WRD-090 or placement in WRD-098, 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?

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	critically analyze, revise and supervise a script for production;
2	plan and manage a film production from pre-production to its final cut;
3	demonstrate advanced technical skills of video camera operation and lighting;
4	create with a group a semi-professional short film;
5	critically analyze and interpret professionally-produced videos and feature films;
6	apply advanced filmmaking techniques such as cinematography and lighting to filmmaking exercises.

Major Topic Outline

1. Script supervision. 2. Production management. 3. Lighting and shooting dramatic performances. 4. Digital video editing. 5. Reflective analysis of script to film adaptation.

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: 533

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/12/26 2:42 pm

Viewing: **ECE-235ES : Seguridad, Salud, y**

Nutrición

Last approved: 06/08/23 5:14 am

Last edit: 01/13/26 7:21 am

Changes proposed by: Dawn Hendricks (dawn.hendricks)

Catalog Pages
referencing this
course

- [Early Childhood Education \(ECE\)](#)
- [Educación infantil y estudios familiares, AAS](#)
- [Educación infantil y estudios familiares, Certificate](#)

Programs
referencing this
course

- [AAS.ECFSES: Educación infantil y estudios familiares](#)
- [CC.ECFSES: Educación infantil y estudios familiares](#)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

In Workflow

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

Approval Path

1. 01/13/26 7:21 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:15 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

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

Are you the Faculty Contact Person?

Yes

Course Prefix ECE - Early Childhood Education

Course Number 235ES

Department Education, Human Services and Criminal Justice

Division Technology, Applied Science and Public Services (TAPS)

Course Title Seguridad, Salud, y Nutrición

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

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 Spring 2026

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

Este curso explora temas de seguridad, salud y nutrición para niños desde bebés hasta la edad de cinco años. El enfoque incluye la creación de ambientes seguros al interior como el exterior, prácticas para llevar un estilo de vida saludable, cuidado de niños con necesidades especiales médicas, requisitos del programa de alimentos del USDA y pautas estatales sobre los requisitos de seguridad, salud y nutrición.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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

Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Fall Winter

Will this class use library resources?

No

Course Certifications

Is this a Related Instruction course?

No

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

No

General Education Outcome(s)

Equivalent Courses

Equivalent Active Courses

APR-235ECE - Safety, Health and Nutrition

ECE-235 - Safety, Health and Nutrition

Equivalent Inactive Courses

Student Learning Outcomes

Student Learning Outcomes

	Upon successful completion of this course, students should be able to:
1	explicar por qué es importante la salud y el bienestar en la primera infancia;
2	identificar los riesgos comunes que provocan lesiones en los niños;
3	conectar el diseño del aula con la seguridad y la prevención de lesiones;
4	identificar precauciones estándar para prevenir enfermedades;
5	describir algunas condiciones de salud crónicas que puedan tener los niños en programas de cuidado y educación temprana;
6	planificar menús para niños pequeños que cumplan con las pautas del USDA;
7	discutir recomendaciones de actividad física para niños pequeños;
8	crear planes de lecciones para apoyar la experiencia de nutrición y la actividad física.

Major Topic Outline

1. Bienestar infantil y educación en la primera infancia 2. Prevención de lesiones y protección de la seguridad de los niños. 3. Crear ambientes seguros al interior y el exterior 4. Tratamiento de lesiones menores y preparación para emergencias 5. Maltrato infantil 6. Prepararse para la salud y el bienestar 7. Prevención de enfermedades 8. Cuidado de niños con necesidades especiales de salud 9. Bienestar físico y movimiento 10. Nutrición y planificación del menú

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: 12/10/25 3:50 pm

Viewing: **EMT-101 : Emergency Medical Technician Part I**

Last approved: 10/18/25 4:54 am

Last edit: 12/11/25 5:16 am

Changes proposed by: Virginia Chambers (virginia.chambers)

Catalog Pages
referencing this
course

- [Emergency Medical Technician, Career Pathway Certificate](#)
- [Emergency Medical Technology \(EMT\)](#)
- [Emergency Medical Technology, Certificate](#)
- [Wildland Fire Management, AAS](#)

Programs
referencing this
course

- [AAS.WLDLNDMGMT: Wildland Fire Management](#)
- [CC.EMTECH: Emergency Medical Technician](#)
- [CC.EMT: Emergency Medical Technology](#)

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. 12/11/25 9:38 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:12 am
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Nov 5, 2023 by Tana Sawzak (tanassawzak)
2. Oct 18, 2025 by Virginia Chambers (virginia.chambers)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix EMT - Emergency Medical Technology

Course Number 101

Department Health Sciences

Division Technology, Applied Science and Public Services (TAPS)

Course Title Emergency Medical Technician Part I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit Yes

Min Credit 6.00

Variable Credit No

Contact hours

Lecture 48.00

Lec/Lab 24.00

Lab 36.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 108

Proposed Effective Spring 2026

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 is the first of a two-part series that will prepare students to enter the workforce as an emergency medical service provider. Topics include airway management, patient assessment, and treatment/stabilization for common medical emergencies.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

WRD-098 with a C or better or placement in WR-121Z. MTH-060 with a C or better or placement in MTH-065. EMT-105 with a C or better

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Students must complete the EMT Program application, available on the program webpage.
Conditionally accepted students are required to attend mandatory orientation and fulfill all
Oregon Health Authority requirements for students in clinical training before registering for
courses. Formal acceptance into the program is required for enrollment **Acceptance into EMT**
cohort

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

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	independently conduct a prehospital patient assessment and adapt elements of the scene, primary, secondary, and ongoing assessments to a patient's chief complaint, nature of illness, or mechanism of injury;
2	initiate care that correctly reflects the severity and priorities of the acute patient condition(s) in accordance with accepted prehospital standards of care;
3	perform interventions within the national and Oregon scope of practice without causing uncorrectable risk or harm to a patient;
4	generate a field impression that is logically based on the obvious, acute signs and symptoms presented by the patient and aligns with correct medical knowledge of

	Upon successful completion of this course, students should be able to:
	the condition(s);
5	use clinical knowledge and nationally recognized clinical standards, scope of practice, standing orders, and/or medical direction when examining the risks and benefits of interventions and transport decisions;
6	demonstrate actions regarding patient interventions that reflect the correct indications, precautions, and contraindications outlined in current medical standards and knowledge;
7	actively assess for relevant hazards and safety risks during a patient encounter and communicate findings and take actions to prevent or minimize said risk;
8	identify the need for additional resources or a higher level of care and request assistance in a timely manner;
9	recognize a time-sensitive emergency and initiate steps to activate a regional system of care;
10	demonstrate, implement, and practice the principles of empathy, cultural sensitivity, and responsiveness during interactions with patients and family members in real and simulated situations;
11	demonstrate, implement, and practice therapeutic communication throughout a patient encounter in real and simulated situations;
12	examine their personal barriers to effective communication in their own practice and develop a plan for improvement;
13	contribute to the patient encounter as a team member in ways that benefit the coordination and direction of the tasks required for care and transport;
14	take on leadership responsibilities including the setting and communicating of scene priorities, delegation of tasks, and meaningful engagement with team members when practicing as a team leader;
15	provide a patient hand-off report in a clear and concise fashion when transferring care;
16	document a patient encounter accurately and in line with national and state standards;
17	assess their own strengths, weaknesses, and limits in their knowledge, abilities, and performance as an EMT;
18	set realistic learning goals within the course with success criteria and revise goals and criteria based on reflection and feedback from instructors and students;

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

19	demonstrate national, state, and program standards for professional behavior in all learning environments (clinical and classroom);
20	employ the correct ethical and medicolegal principles within the processes of critical thinking when addressing situational, cultural, interpersonal, or treatment-related ethical dilemmas;
21	provide objective observations and constructive feedback to fellow students when evaluating individual and team performance.

Major Topic Outline

1. The EMS system. 2. EMS Provider role and responsibilities. 3. EMS Provider safety. 4. EMS communication and documentation. 5. Medical-Legal considerations in responding to emergencies. 6. Airway management, positive pressure ventilation, and oxygenation. 7. Patient assessment and care for the medical patient. 8. Pharmacology for the EMT. 9. Cardiac arrest management.

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: 06/25/25 9:39 pm

Viewing: **ES-101 : Introduction to Ethnic Studies**

Last approved: 03/22/25 4:56 am

Last edit: 02/03/26 8:55 am

Changes proposed by: Guadalupe Martinez (lupem)

Related GenEd:

[ES-101: Introduction to Ethnic Studies](#)

Catalog Pages
referencing this
course

[Associate of Arts Oregon Transfer \(AAOT\)](#)

[Associate of General Studies \(AGS\)](#)

[Biology \(AST\)](#)

[Business \(AST\)](#)

[Civil Engineering Emphasis, AS - with Portland State University](#)

[Computer Engineering Emphasis, AS - with Portland State University](#)

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

[Computer Science Emphasis, AS - with Portland State University](#)

[Core Transfer Map \(CTM\)](#)

[Electrical Engineering Emphasis, AS - with Portland State University](#)

[Electronics Engineering Technology, AAS](#)

[Elementary Education \(AAOT\)](#)

[English AAT](#)

[Environmental Engineering Emphasis, AS - with Portland State University](#)

[Ethnic Studies \(ES\)](#)

[Mechanical Engineering Emphasis, AS - with Portland State University](#)

[Microelectronics Systems Technology, AAS](#)

[Oregon Transfer Module \(OTM\)](#)

Programs
referencing this
course

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

[AAS.MICROSYSTECH: Microelectronics Systems Technology](#)

In Workflow

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

Approval Path

1. 06/26/25 6:23 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 01/21/26 2:58 pm
Kelly Mercer
(kelly.mercer):
Approved for DAFC
Curriculum
Committee Outline
Review Team
3. 01/23/26 10:56 am
Nora Brodnicki
(norab): Approved
for DASC Curriculum
Committee Outline
Review Team
4. 01/27/26 6:36 am
Megan Feagles
(megan.feagles):

[AS.TBIOLOGY: Biology \(AST\)](#)
[NA.OTM: Oregon Transfer Module](#)
[AS.TCOMPSCIESWO, AS.TCOMPSCIOSPSUO: Computer Science \(AST\)](#)
[AS.TBUSINESS: Business \(AST\)](#)
[NA.CTM: Core Transfer Map](#)
[AS.TPSYCHOLOGY: Psychology \(AST\)](#)
[AS.PSUCIVILENGR: AS, Civil Engineering, PSU](#)
[AS.PSUCOMPENGR: AS, Computer Engineering, PSU](#)
[AS.PSUCOMPSCI: AS, Computer Science, PSU](#)
[AS.PSUELECTENGR: AS, Electrical Engineering, PSU](#)
[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.TENGLISH: English \(AAT\)](#)
[AS.PSUENVIRENGR: AS, Environmental Engineering, PSU](#)

History

1. Nov 4, 2023 by Megan Feagles (megan.feagles)
2. Mar 29, 2024 by Megan Feagles (megan.feagles)
3. Jun 8, 2024 by Megan Feagles (megan.feagles)
4. Oct 5, 2024 by Guadalupe Martinez (lupem)
5. Mar 22, 2025 by Guadalupe Martinez (lupem)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix ES - Ethnic Studies

Course Number 101

Department [Social Sciences Counseling](#)

Division [Arts and Sciences Academic Foundations and Connections \(AFAC\)](#)

Course Title Introduction to Ethnic Studies

Grading

Grade Scheme Standard (STND)

Credit Type	Credit Course
Allow Pass/No Pass	Yes
Only 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 Spring 2026

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 uses an interdisciplinary approach to introduce the multifaceted experience of historically marginalized ethnic and racial groups in the US with an emphasis on Chicano/Latinx, African American, Native American/US First Nations, and Asian Americans. Students will explore theory of the development of race and ethnicity in the US, systemic oppression, comparative historical perspectives, and political resistance and movements, including modern abolitionism and de-colonization.

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

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

WRD-098 or placement in WR-121Z

Corequisites

Prerequisites or Corequisites

FYE-101

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

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)

Social Sciences

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	list and describe the development and use of each of the pan-ethnic labels describing the 4 largest ethnic groups in the U.S, as presented in this class;
2	examine the timeline of the institutionalization of racism in the U.S., including the emergence of race as a human category; (SS1)
3	evaluate the impact of the use of slavery and other exploitative labor systems on the development of the U.S. infrastructure and standards of living in national and global markets; (SS1)
4	summarize and defend contrasting non-traditional narratives from traditional historical perspectives of historically marginalized U.S. racial/ethnic groups; (SS2)
5	identify and critique specific policies and practices that reinforce historical racial systemic oppression in the U.S. justice system, economy, education, and politics, and disprove reverse racism; (SS1)(SS2)
6	identify and describe significant political movements in advancing the rights of racial/ethnic historically marginalized groups. (SS2)

AAOT/ASOT General Education Outcomes Course Outline Mapping Chart

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

WR: Writing Outcomes

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

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

Demonstrate appropriate reasoning in response to complex issues.

SP: Speech/Oral Communication Outcomes

Engage in ethical communication processes that accomplish goals.

Respond to the needs of diverse audiences and contexts.

Build and manage relationships.

SS: Social Science Outcomes

Apply analytical skills to social phenomena in order to understand human behavior.

S

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

C

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Journal Writing

Multiple Choice Test

Presentations

Projects

Writing Assignments

Major Topic Outline

1. Common terminology and definitions (including pan-ethnic terms)
2. Race Theories
3. Indigeneity and African, Latinx, and Asian diasporas
4. Systemic racism and Intersectionality
5. Resistance, Civil Rights, and other political movements

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)

ES 101 (OSU)

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)

ES 101 (OSU)

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

Course Change Request

Date Submitted: 06/25/25 9:41 pm

Viewing: **ES-211 : Introduction to Latino/a/x Studies**

Last approved: 03/22/25 4:56 am

Last edit: 12/08/25 11:48 am

Changes proposed by: Guadalupe Martinez (lupem)

Related GenEd:

[ES-211: Introduction to Latino/a/x Studies](#)

Catalog Pages
referencing this
course

[Architectural Engineering Emphasis, AS - with Oregon State University](#)

[Associate of Arts Oregon Transfer \(AAOT\)](#)

[Associate of General Studies \(AGS\)](#)

[Biological Engineering Emphasis, AS - with Oregon State University](#)

[Biology \(AST\)](#)

[Business \(AST\)](#)

[Chemical Engineering Emphasis, AS - with Oregon State University](#)

[Civil Engineering Emphasis, AS - with Oregon State University](#)

[Civil Engineering Emphasis, AS - with Portland State University](#)

[Computer Engineering Emphasis, AS - with Portland State University](#)

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

[Computer Science Emphasis, AS - with Portland State University](#)

[Construction Engineering Management Emphasis, AS - with Oregon State University](#)

[Core Transfer Map \(CTM\)](#)

[Ecological Engineering Emphasis, AS - with Oregon State University](#)

[Electrical Engineering Emphasis, AS - with Oregon State University](#)

[Electrical Engineering Emphasis, AS - with Portland State University](#)

[Electronics Engineering Technology, AAS](#)

[Elementary Education \(AAOT\)](#)

[English AAT](#)

[Environmental Engineering Emphasis, AS - with Oregon State University](#)

In Workflow

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

Approval Path

1. 06/26/25 6:23 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/21/26 2:58 pm
Kelly Mercer (kelly.mercer):
Approved for DAFC Curriculum Committee Outline Review Team
3. 01/23/26 10:57 am
Nora Brodnicki (norab):
Approved for DASC Curriculum Committee Outline Review Team

History

[Environmental Engineering Emphasis, AS - with Portland State University](#)
[Ethnic Studies \(ES\)](#)
[Industrial Engineering Emphasis, AS - with Oregon State University](#)
[Mechanical Engineering Emphasis, AS - with Oregon State University](#)
[Mechanical Engineering Emphasis, AS - with Portland State University](#)
[Microelectronics Systems Technology, AAS](#)
[Oregon Transfer Module \(OTM\)](#)

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](#)
[AAS.MICROSYSTECH: Microelectronics Systems Technology](#)
[AS.TBIOLOGY: Biology \(AST\)](#)
[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.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](#)
[AS.OSUELCOMPENGR: AS, Electrical Engineering, OSU](#)
[AS.PSUELECTENGR: AS, Electrical Engineering, PSU](#)
[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.TENGLISH: English \(AAT\)](#)
[AS.OSUENVIRENGR: AS, Environmental Engineering, OSU](#)
[AS.PSUENVIRENGR: AS, Environmental Engineering, PSU](#)

1. Nov 4, 2023 by Megan Feagles (megan.feagles)
2. Nov 2, 2024 by Guadalupe Martinez (lupem)
3. Mar 22, 2025 by Guadalupe Martinez (lupem)

Credits/Hours/Instructional Method Change

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix ES - Ethnic Studies

Course Number 211

Department Social Sciences Counseling

Division Arts and Sciences ~~Academic Foundations and Connections (AFAC)~~

Course Title Introduction to Latino/a/x Studies

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only 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 Spring 2026

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

An introductory course analyzing the historical context of Latinx in the United States (US). Beginning with pre-colonial societies on the American Continent, colonization, and moving to the modern Latinx diaspora. Special attention will be given to particular events that shaped and continue to influence the Latinx experience, such as the Mexican-American War, US expansionism, US immigration policy, the Chicano Movement, US foreign policy in Latin America, and the contemporary discourse regarding Latinx in the US.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Discipline Studies

Foundational Requirement

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

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?

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)

Social Sciences

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	identify significant events that shaped the history of the Chican@/x-Latin@/x experience; (SS1)(CL1)

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

2	analyze and place in context significant events that shaped the history of the Chican@/x-Latin@/x experience; (SS1)(CL1)
3	analyze political, social, and economic experiences and problems of Chican@/x-Latin@/x peoples as residents and citizens of the United States; (SS2)
4	examine the artistic, economic, political and historical contributions made by Chican@/x-Latin@/x peoples to American life; (SS2)
5	apply course concepts in academic and personal discourse. (SS2)(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.

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.

SS: Social Science Outcomes

Apply analytical skills to social phenomena in order to understand human behavior.

S

Apply knowledge and experience to foster personal growth and better appreciate the diverse social world in which we live.

S

Outcome Assessment Strategies

Outcomes Assessment Strategies

General Examination

Multiple Choice Test

Projects

Rubrics

Writing Assignments

Major Topic Outline

Pre-colonial societies Impact and legacy of Colonialism Race, ethnicity and Latinx pan-ethnic labels US expansionism as a cause of migration The Chicano Movement Latinx branches in the US Contemporary Latinx discourse

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)

ES 211 (OSU)

How does it transfer?

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)

ChLa 201 (PSU)

How does it transfer?

general education or distribution requirement

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: 06/13/25 2:32 pm

Viewing: **GEO-280 : Geography/CWE**

Last approved: 03/22/24 3:50 am

Last edit: 12/08/25 11:49 am

Changes proposed by: Derek Lougee (derek.lougee)

Catalog Pages
referencing this
course
[Geography \(GEO\)](#)

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. 06/16/25 7:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 11:19 am
Charles Siegfried (csiegfried):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 4, 2023 by Megan Feagles (megan.feagles)
2. Feb 21, 2024 by Megan Feagles (megan.feagles)
3. Mar 22, 2024 by Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix GEO - Geography

Course Number 280

Department Social Sciences

Division Arts and Sciences

Course Title Geography/CWE

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 2.00

Variable Credit Yes

Max Credit 6.00

Variable Credit 1

Increment

Contact hours

Lecture

Lec/Lab

Lab

Activity

Clinical

Field 216.00

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 216

Proposed Effective Term Spring 2026

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

Cooperative work experience. Provides students with on-the-job work experience in the field of geography. Required: Student Petition.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM) 100 - Lower Division
Collegiate

Is this class challengeable?

No Yes

Can this course be repeated for credit in a degree?

Yes

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

Course Requisites

Required

Prerequisites

Corequisites

CWE-281

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

Yes

Show course in
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	apply academic knowledge, skills and abilities in geography to a work environment specific to their program of study;
2	demonstrate appropriate work habits (time management, interpersonal relationships, attendance, professional appearance, and problem solving) for their work environment;
3	apply career management strategies such as interviewing, resume writing, networking, and portfolio management.

Major Topic Outline

1. Orientation and establishment of individual goals/measurable learning outcomes.
2. The job application process.
3. Resume construction and job interview.
4. Human relations on the job.
5. Summary and evaluation of work experience and related assigned readings.

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: 12/15/25 3:16 pm

Viewing: **HOR-111 : Horticulture Practicum/Fall**

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

Last edit: 12/15/25 4:24 pm

Changes proposed by: Loretta Mills (lorettam)

Catalog Pages
referencing this
course

- [Horticulture, AAS](#)
- [Horticulture, Certificate](#)
- [Horticulture/Arboriculture/Landscape/Organic Farming.\(HOR\)](#)
- [Landscape Management, AAS](#)
- [Natural Resources](#)

Programs
referencing this
course

- [AAS.LANDSCAPEMGMT: Landscape Management](#)
- [EFA.NATRESORCES: EFA, Natural Resources](#)
- [AAS.HORT1: Horticulture](#)
- [CC.HORT: Horticulture](#)

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. 12/16/25 6:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/15/26 11:12 am
Kerrie Hughes (kerrieh): Approved for DASC Curriculum Committee Outline Review Team

History

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

No

Faculty Contact

Email

april.chastain@clackamas.edu

Course Prefix

HOR -

Horticulture/Arboriculture/Landscape/Organic
Farming

Course Number

111

Department

Horticulture

Division

Arts and Sciences

Course Title

Horticulture Practicum/Fall

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

Lec/Lab

44.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 44

Proposed Effective Spring 2026

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

Practical experience with seasonal horticulture activities in the areas of container nurseries, greenhouses, landscape management, arboriculture, and organic food production.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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

Print in Schedule

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 efficient use and proper maintenance of horticultural tools and equipment;
2	demonstrate safe use of personal protective equipment when working with tools and power equipment;
3	demonstrate skills in industry-standard landscaping, arboriculture, nursery, greenhouse and organic farming practices for the fall season;
4	apply teamwork and communication skills.

Major Topic Outline

1. Use and Maintain Hand Tools
a. Tool storage (methods and reasons)
b. Proper use of hand tools
c. Maintain hand tools through appropriate cleaning, sharpening and lubricating
2. Power Equipment
a. Types of equipment used in the greenhouse, nursery and landscape
b. Safe operation of power equipment
3. Nursery and Greenhouse Practices
a. Methods and applications for overwintering plants
b. Seed and cutting propagation
c. Efficient methods for potting up container plants
4. Landscape and Arboriculture Practices
a. Preparing the landscape for winter
b. Preparing the planting site
c. Fertilizers
d. Pruning
e. Transplanting trees, shrubs and

herbaceous plants 5.Organic Farming practices a.Preparing beds for planting b.Planting winter food crops d.Season extension practices 6.Teamwork and Communication a.Participate as effective team members in project assignments and contribute fairly to the task b.Work safely around others c.Interpret written or spoken directions to complete a task d.Clearly and concisely present information to a group e.Track and analyze labor and production rates

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 10

Reviewer Comments

Course Change Request

Date Submitted: 12/19/25 3:21 pm

Viewing: **HOR-112 : Horticulture Career Exploration**

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

Last edit: 12/21/25 11:19 am

Changes proposed by: April Chastain (april.chastain)

Catalog Pages
referencing this
course

- [Horticulture Emphasis, AS - with Oregon State University](#)
- [Horticulture, AAS](#)
- [Horticulture, Certificate](#)
- [Horticulture/Arboriculture/Landscape/Organic Farming.\(HOR\)](#)
- [Landscape Management, AAS](#)

Programs
referencing this
course

- [AS.OSUGENHORT: AS, Horticulture, OSU](#)
- [AAS.HORT1: Horticulture](#)
- [CC.HORT: Horticulture](#)

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. 01/05/26 7:49 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 3:35 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	HOR - Horticulture/Arboriculture/Landscape/Organic Farming
Course Number	112
Department	Horticulture
Division	Arts and Sciences
Course Title	Horticulture Career Exploration

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	24.00
Lec/Lab	
Lab	
Activity	
Clinical	
Field	
CWE Seminar	
CPR	
Seminar	
Community Education/Drivers	

Ed

Community

Education/Adult

Total 24

Proposed Effective Spring 2026

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 survey of the various career options available to students in the horticulture industry, with emphasis on nursery and greenhouse production, retail nursery, organic fruit and vegetable production, and landscape maintenance/installation. Includes field trips to local businesses. Oregon State University transfer course.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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

Print in Schedule

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	explain the different technical, business and interpersonal skills required to be successful in each of the industry focus areas;
2	explain how the environmental conditions of the workplace would affect one's ability to be successful in each of the industry focus areas;
3	evaluate the variety of horticulture careers in terms of one's own abilities and interests, and determine a career goal;
4	explain the social, environmental, economic and political aspects of horticulture.

Major Topic Outline

1. Nursery & Greenhouse Production. 2. Retail Nursery. 3. Organic Fruit & Vegetable Production. 4. Landscape Maintenance/Installation. 5. Workplace Environment. 6. Skills Required. 7. Self-Assessment. 8. Industry Licenses & Certifications. 9. Social, Environmental, Economic and Political impacts. [10. Develop resume and cover letter.](#)

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 10

Reviewer Comments

Course Change Request

Date Submitted: 12/19/25 3:28 pm

Viewing: **HOR-140 : Soils**

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

Last edit: 12/19/25 3:28 pm

Changes proposed by: April Chastain (april.chastain)

Catalog Pages

referencing this
course

[Horticulture, AAS](#)

[Horticulture, Certificate](#)

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

[Irrigation Technician, Career Pathway Certificate](#)

[Landscape Management, AAS](#)

[Landscape Management, Arboriculture Option, AAS](#)

[Landscape Practices, Certificate](#)

[Organic Farming, Certificate](#)

Programs

referencing this
course

[CC.IRRTECHNICIAN: Irrigation Technician](#)

[AAS.LANDSCAPEMGMT: Landscape Management](#)

[AAS.LANDMGMTARBOR: Landscape Management AAS, Arboriculture
Option](#)

[CC.LANDSCAPEPRAC: Landscape Practices](#)

[CC.ORGANICFARM: Organic Farming](#)

[AAS.HORT1: Horticulture](#)

[CC.HORT: Horticulture](#)

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. 12/22/25 5:07 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 3:36 pm
Nora Brodnicki (norab): 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

HOR -
Horticulture/Arboriculture/Landscape/Organic
Farming

Course Number

140

Department

Horticulture

Division

Arts and Sciences

Course Title

Soils

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 Term Spring 2026

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

Soil characteristics and management, including nutritional elements and the relationship between the soil and plant growth.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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

Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

Winter/Spring 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	identify soil properties and their significance including; texture, structure profiles, and colloids;
2	describe how to manage and reduce soil erosion and compaction;
3	apply an understanding of the benefits and problems of various soil types in relation to plant growth;
4	calculate the proper quantities of fertilizer to apply in order to meet recommendations;
5	discuss the relationships between soil particles, soil organisms and the environment.

Major Topic Outline

1. The Soil in Perspective. a. Soil defined. b. Soil testing. c. Soil profile. d. Soil classification. e. Soil components including organic matter, water, and air.
2. Physical Properties of Mineral Soils. a. Classification. b. Soil textural classes. c. Silicate clays. d. Soil structure. e. Tillage and tillage equipment.
3. Soil Judging. a. Surface soil. b. Subsoil. c. Whole soil. d. Management practices.
- 4.

Supply and Availability of Plant Nutrients. a. Factors controlling plant growth. b. The essential elements. c. Transfer of plant elements to available forms. d. Plant up take of essential elements. e. Nutritional importance. 5. Soil Colloids: The Nature and Practical Significance. a. Colloid response to essential element ions. b. Anion relationship. c. Cation exchange. d. Percentage base saturation. 6. Soil Reaction: Acidity and Alkalinity. a. pH defined. b. Acidity vs. alkalinity and their relationship to plant growth. c. Buffering of soils. 7. Analyzing a Soil Test. a. Conversion of parts per million and milliequivalent to pounds per acre. b. Calibration of equipment. c. Fertilizer calculations. 8. Soil Organisms. a. Macroorganisms and their relationship to plant growth. b. Microorganisms and their relationship to plant growth. c. Soil organism activity. 9. Organic Matter of Mineral Soils. a. Sources of soil organic matter. b. Effects of organic matter on soil fertility and plant growth. c. Carbon nitrogen ratio and its significance. 10. Lime and Its Soil-Plant Relationship. a. Liming materials. b. Effects of lime on soil. c. Plant crop response to liming. d. Forms, amounts, and methods of applying lime. 11. Improving Soil's Productive Capacity. a. Practices which destroy soil structure or productivity. b. Practices to improve soil structure. 12. Soil Erosion and Its Control. a. Erosion defined. b. Types of soil erosion. c. Erosion prevention methods and practices.

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 15

Reviewer Comments

Course Change Request

Date Submitted: 12/15/25 3:30 pm

Viewing: **HOR-235 : Weed Identification**

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

Last edit: 12/15/25 4:24 pm

Changes proposed by: Loretta Mills (lorettam)

Catalog Pages
referencing this
course

- [Horticulture, AAS](#)
- [Horticulture/Arboriculture/Landscape/Organic Farming.\(HOR\)](#)
- [Landscape Management, AAS](#)
- [Landscape Management, Arboriculture Option, AAS](#)
- [Landscape Practices, Certificate](#)
- [Organic Farming, Certificate](#)
- [Plant Health Management, Career Pathway Certificate](#)

Programs
referencing this
course

- [AAS.LANDSCAPEMGMT: Landscape Management](#)
- [AAS.LANDMGMTARBOR: Landscape Management AAS, Arboriculture Option](#)
- [CC.LANDSCAPEPRAC: Landscape Practices](#)
- [CC.ORGANICFARM: Organic Farming](#)
- [CC.PLANTHEALMGT: Plant Health Management](#)
- [AAS.HORT1: Horticulture](#)

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. 12/16/25 6:40 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 3:38 pm
Nora Brodnicki (norab): Approved for DASC Curriculum Committee Outline Review Team

History

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

No

Faculty Contact

Email

april.chastain@clackamas.edu

Course Prefix

HOR -

Horticulture/Arboriculture/Landscape/Organic
Farming

Course Number

235

Department

Horticulture

Division

Arts and Sciences

Course Title

Weed Identification

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

20.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 20

Proposed Effective Spring 2026

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

Identification and life cycles of weeds commonly found in landscapes, nurseries, and farms.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

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

Print in Schedule

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	identify plant families for common weeds;
2	identify common weeds in the Willamette Valley;
3	describe plant life cycles, growth habits and habitat;
4	effectively use weed identification books and programs;
5	describe weed control measures;
6	develop a weed collection.

Major Topic Outline

1. Introduction to weeds. 2. Weed families. 3. Weed identification. 4. Computer assisted weed ID. 5. Weed control measures.

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

Yes

Percent of Course 25

Reviewer Comments

Key: 967

[Preview Bridge](#)

Course Change Request

Date Submitted: 06/10/25 8:13 am

Viewing: **HOR-284 : Organic Farming Practicum/Summer**

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

Last edit: 12/08/25 11:49 am

Changes proposed by: Christopher Konieczka (chrisk)

Catalog Pages
referencing this
course

- [Horticulture, AAS](#)
- [Horticulture/Arboriculture/Landscape/Organic Farming.\(HOR\)](#)
- [Organic Farming, Certificate](#)

Programs
referencing this
course

- [CC.ORGANICFARM: Organic Farming](#)
- [AAS.HORT1: Horticulture](#)

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. 06/10/25 8:18 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 8:34 pm
Keely Baca (keely.baca):
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

HOR -
Horticulture/Arboriculture/Landscape/Organic
Farming

Course Number

284

Department

Horticulture

Division

Arts and Sciences

Course Title

Organic Farming Practicum/Summer

Grading

Grade Scheme

Standard (STND)

Credit Type

Credit Course

Allow Pass/No Pass

No

Audit

No Yes

Min Credit

3.00

Variable Credit

No

Contact hours

Lecture

Lec/Lab

Lab

108.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 108

Proposed Effective Term Spring 2026

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

Experiential learning of organic farming techniques, while working on the Student Farm. Students learn ecological and sustainable practices, principles, and management strategies. This course includes the seasonal activities of a working, small scale Organic Farm: seed sowing, planting, cultivation, irrigation, harvest, packing, selling at farmers market and to restaurants. An important aspect of this course is participating in the on-campus, weekly farmers market. All tasks are hands-on and guided by the instructor. This format has been selected to create a hands-on experience for each student in seasonal crop production and marketing.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE IN A PROGRAM)

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

HOR-141 or Student Petition

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in

Print in Schedule

Schedule

Hide course in catalog

No

When do you plan to offer this course?

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	explain cropping and labor systems used to run a small-scale, sustainable farm;
2	complete effective scheduling and management of mixed vegetable crops;
3	operate and maintain farm equipment and tools safely;
4	practice food safety guidelines in the harvesting, packing, and marketing of produce;
5	organize and operate the campus farmer's market stand;
6	adapt production and marketing systems to meet the demands of wholesale accounts.

Major Topic Outline

1. Marketing a. Labeling b. Crop washing and handling c. Communication with customers d. Display
2. Farm Production Skills a. Greenhouse propagation of transplants b. Raised bed

building c. Direct seeding and transplanting d. Production methods for specific crops e. Use of crop production tools and equipment 3. Weed and Pest Management a. Control strategies b. Control equipment c. OMRI approved products and use d. Pest life cycles and prevention

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

Yes

Percent of Course 90

Reviewer Comments

Course Change Request

Date Submitted: 09/15/25 10:20 am

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

Last approved: 06/07/25 5:10 am

Last edit: 12/08/25 11:49 am

Changes proposed by: Kathleen Hollingsworth (kathleen.hollingswor)

Catalog Pages
referencing this
course

[Course Descriptions](#)

[Music \(MUS\)](#)

[Music Performance & Technology, AAS](#)

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. 09/15/25 11:35 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 11:24 am
Charles Siegfried (csiegfried):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Feb 15, 2024 by
Megan Feagles (megan.feagles)
2. Jun 7, 2025 by
Kathleen Hollingsworth (kathleen.hollingswc)

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 Term Spring 2026

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 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 concert and will produce the Annual MPT/Garage Band Festival each spring.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

MUS-104, ~~MUS-103~~, MUS-109, MUS-113L, and MUP-150

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?

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: 01/16/26 1:08 pm

Viewing: **NUR-100 : Nursing Assistant I**

Last approved: 03/22/25 4:56 am

Last edit: 01/20/26 7:01 am

Changes proposed by: Virginia Chambers (virginia.chambers)

Catalog Pages
referencing this
course

[Gerontology, Certificate](#)

[Nursing.\(NUR\)](#)

[Nursing.\(RN\), AAS](#)

[Nursing Assistant - Gerontology Specialist, Career Pathway Certificate](#)

Programs
referencing this
course

[AAS.NURSING: Nursing.\(RN\)](#)

[CC.NAGERONSPEC: Nursing Assistant - Gerontology Specialist](#)

[CC.GERONTOLOGY: Gerontology](#)

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. 01/20/26 7:01 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 1:21 pm
Erin Gravelle (erin.gravelle):
Approved for DTPS Curriculum Committee Outline Review Team

History

1. Jun 6, 2023 by
Megan Feagles (megan.feagles)
2. Feb 6, 2024 by
Virginia Chambers (virginia.chambers)
3. Apr 20, 2024 by
Virginia Chambers (virginia.chambers)

4. Jan 18, 2025 by
Virginia Chambers
(virginia.chambers)

5. Mar 22, 2025 by
Virginia Chambers
(virginia.chambers)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix NUR - Nursing

Course Number 100

Department Health Sciences

Division Technology, Applied Science and Public
Services (TAPS)

Course Title Nursing Assistant I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass No

Audit No

Min Credit 6.50

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab 44.00

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 77

Proposed Effective Spring 2026

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 provides the student with the skills to perform basic level nursing care. Certified Nursing Assistants are defined by law as people who assist licensed nursing personnel in the provision of nursing care. Prepares the student to perform routine nursing assistant tasks to clients in sub-acute care settings as well as in the community. Includes didactic and skills lab instruction. Major topics covered include: collaboration with health care team, communication & interpersonal skills, person-centered care, infection control and prevention, safety and emergency procedures, assisting with activities of daily living, mental health and social service needs of clients, technical skills, acquiring observation and reporting skills, documentation of care provided and end-of-life care. Upon successful completion of this course, students may apply for the Oregon State Board of Nursing certification exam for nursing assistants (CNA 1). This course is approved by the Oregon State Board of Nursing. Required: Student Petition.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

NUR-100C

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Must be at least 18 years of age; High School Diploma or equivalent; [Complete online application located on program webpage](#) ~~Must be formally accepted by Health Sciences Admissions~~ and attend a mandatory [orientation. orientation session](#). During the orientation, students will start the process for completing all non-academic requirements. Non-academic requirements include: Immunizations (MMR, Varicella, Tdap, Hep B, COVID-19, seasonal Flu); complete a Criminal Background Check; Drug Screen; Tuberculosis test; BLS/CPR for Healthcare Providers certification through American Heart Association (AHA)

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?

Summer/Fall/Winter/Spring

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

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	identify the role of the NA in the health care setting with emphasizes on the care of the geriatric resident/patient;
2	assume the professional role of the NA student in a structured learning environment and in community settings;
3	demonstrate effective communication skills in the classroom to instructors and fellow students;
4	demonstrate NA skills safely according to established criteria in lab setting;
5	understand rules of conduct for NA as well as ethical and legal aspects of practice;
6	describe human needs and how to integrate knowledge, attitudes and skills to enhance cross-cultural communication to foster respectful interactions with others;
7	demonstrate appropriate use and understanding of Standard or Transmission-based precautions;
8	understand basic nutritional processes and factors affecting eating and nutrition;
9	organize personal care needs and foster optimal independence for the client;
10	describe the care and support given during the time surrounding death.

Major Topic Outline

1. Role of the NA as a member of the health care team. 2. Communication and interpersonal skills. 3. Protecting client's rights, promoting independence and providing holistic care. 4. Infection control and standard precautions. 5. Safety and emergency procedures. 6. Delivery of care to an aging population. 7. Physiological changes that occur to various body systems

throughout the lifespan. 8. Activities of daily living. 9. Person-centered care. 10. Collaboration with health care team. 11. Observation and reporting. 12. Principles of documentation. 13. End of life care.

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: 01/21/26 8:19 pm

Viewing: **SPN-101 : First-Year Spanish I**

Last approved: 11/08/25 5:19 am

Last edit: 01/21/26 8:19 pm

Changes proposed by: Ernesto Hernandez (ernesto.hernandez)

Catalog Pages
referencing this
course

[Early Childhood Education & Family Studies, AAS
Spanish \(SPN\)](#)

Programs
referencing this
course

[AAS.EARLYCHILDFAM: Early Childhood Education & Family Studies](#)

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. 01/22/26 6:29 am
Megan Feagles
(megan.feagles):
Approved for
Curriculum Office
2. 01/23/26 10:18 am
Keely Baca
(keely.baca):
Approved for DASC
Curriculum
Committee Outline
Review Team

History

1. Nov 7, 2023 by
Megan Feagles
(megan.feagles)
2. Nov 8, 2025 by
Ernesto Hernandez
(ernesto.hernandez)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix SPN - Spanish

Course Number 101

Department World Languages

Division Arts and Sciences

Course Title First-Year Spanish I

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 44.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 44

Proposed Effective Term Spring 2026

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-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Important cultural themes are presented. Student learning is assessed through a variety of guided exercises and assignments, interactive activities, homework, tests and quizzes, and other class projects and participation.

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
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Summer/Fall/Winter/Spring

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Course Certifications

Is this a Related Instruction course?

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 use basic introductions and courtesies, distinguishing formal and informal language, for self and others;
2	recognize and demonstrate knowledge of Spanish pronunciation patterns through speaking and reading practice;
3	recognize and correctly use in context grammatical gender and number for nouns, including definite, indefinite, singular and plural articles and some possessive adjectives;
4	recognize and talk about basic school life as well as everyday activities, routines, and personal possessions for self and others;
5	recognize and use vocabulary and grammar structures, including simple negation, to describe and to ask and answer basic yes/no and information questions about

	Upon successful completion of this course, students should be able to:
	people, places, objects and activities, concentrating on using AR verbs;
6	recognize and express likes and dislikes for self and others using common AR verbs and the special verb gustar, as well as recognizing some useful ER and IR verbs like comer, correr, escribir, vivir;
7	recognize and use essential irregular and semi-irregular verbs such as ser and estar, tener and vivir, and common expressions with tener to talk about self and others;
8	recognize and use cardinal numbers up to 100 for discussing time, class schedules or routine activities for self and others.

Major Topic Outline

1. Greetings and introduction and courtesy expressions 2. Simple descriptions and questions about people, places and things 3. Family and family relationships and professions 4. Basic elements of academic life 5. Days of the week, clock time, simple schedules and routines

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)

SPAN 111 (OSU)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://coreeducation.oregonstate.edu/implementation-resources/core-education-policies>

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

SPAN 101 (PSU,SOU,UO)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://www.pdx.edu/transfer-center/world-languages-transfer-advising-guide>

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

SPAN 101 (PSU,SOU,UO)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://sou.edu/admissions/apply/equivalencies/>

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

SPAN 101 (PSU,SOU,UO)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://admissions.uoregon.edu/second-language>

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

SPAN 101D (WOU)

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

<https://wou.edu/advising/transfer-basics/>

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 01/23/26 9:17 am

Viewing: **SPN-102 : First-Year Spanish II**

Last approved: 11/07/23 5:05 am

Last edit: 01/23/26 9:17 am

Changes proposed by: Ernesto Hernandez (ernesto.hernandez)

Catalog Pages
referencing this
course

[Early Childhood Education & Family Studies, AAS
Spanish \(SPN\)](#)

Programs
referencing this
course

[AAS.EARLYCHILDFAM: Early Childhood Education & Family Studies](#)

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. 09/08/25 6:53 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
2. 01/23/26 8:49 am
Nora Brodnicki (norab): Rollback to Initiator
3. 01/27/26 6:35 am
Megan Feagles (megan.feagles): Approved for Curriculum Office
4. 01/30/26 4:40 pm
Nora Brodnicki (norab): 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 SPN - Spanish

Course Number 102

Department World Languages

Division Arts and Sciences

Course Title First-Year Spanish II

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 44.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 44

Proposed Effective Spring 2026

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 a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Important Various cultural themes are presented. Student learning is assessed through a variety of guided exercises and assignments, interactive activities, homework, tests and quizzes, and other class projects and participation.

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

SPN-101

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/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>continue recognition and show more proficient use of AR verbs, including gustar, to talk about self and others;</u> use the verb ir to discuss going places and plans for the near future;
2	<u>show knowledge of and correctly use the simple present and the present progressive form (estar + present participle of regular verbs) to distinguish between scheduled activities and immediate actions for self and others in oral and</u>

Upon successful completion of this course, students should be able to:	
	<u>written expression</u> ; describe current weather conditions and the weather typical of each month and season;
3	<u>along with AR verbs, recognize and correctly use common ER and -IR verbs to describe, discuss, ask and answer questions about schedules, activities, pastimes, months, weather and seasons in oral and written expression</u> ; use the verb gustar to express likes and dislikes related to sports and pastimes;
4	<u>recognize and use the irregular verb ir to talk about going places, and use the near future pattern of ir to talk about simple future plans for self and others</u> ; conjugate familiar and unfamiliar verbs by applying rules for stem-changing verbs;
5	<u>start recognizing patterns and using some useful stem-changing verbs such as querer, poder, dormir, pedir in oral and written expression</u> ; count by hundreds to 1000;
6	<u>start recognizing and using use correctly and in context some common irregular yo verbs, particularly the verbs saber and conocer, conocer to express knowledge and familiarity with people, places, and objects</u> ; familiarity;
7	<u>show basic recognition and initial use of direct, indirect and double-object pronouns in given and new sentences</u> ; express the location of people and objects using demonstrative adjectives and pronouns;
8	<u>continue recognition and use of cardinal numbers 100-1000 in descriptions, discussions, questions and answers for people, places, and objects in oral and written expression. use direct, indirect, and double-object pronouns to replace nouns in given and new sentences</u> ;
9	combine direct, indirect, and double-object pronouns with infinitives and present participles;
10	express actions that happen in the present moment with 'estar' and the present participle form of the verb;
11	use verbs with irregular yo forms correctly and in context.

Major Topic Outline

1. Pastimes, sports and other leisure or routine activities 2. Places and actions in the city 3. The weather, seasons and months 4. Clothing, colors, shopping ~~1. Pastimes, sports and places in the city~~ ~~2. Travel and vacations~~ ~~3. The weather and seasons~~ ~~4. Clothing, colors and shopping~~ ~~5. Going to the market and negotiating a price and buying~~

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)

SPAN 102 (PSU,SOU,UO) SPAN 102D (WOU) SPAN 112 (OSU)

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

<https://coreeducation.oregonstate.edu/implementation-resources/core-education-policies>

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

SPAN 102 (PSU,SOU,UO) SPAN 102D (WOU) SPAN 112 (OSU)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://www.pdx.edu/transfer-center/world-languages-transfer-advising-guide>

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

SPAN 102 (PSU,SOU,UO) SPAN 102D (WOU) SPAN 112 (OSU)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://sou.edu/admissions/apply/equivalencies/>

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

SPAN 102 (PSU,SOU,UO) SPAN 102D (WOU) SPAN 112 (OSU)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://admissions.uoregon.edu/second-language>

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

SPAN 102 (PSU,SOU,UO) SPAN 102D (WOU) SPAN 112 (OSU)

How does it transfer?

general education or distribution requirement

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://wou.edu/advising/transfer-basics/>

Please attach documentation

Reviewer Comments

Nora Brodnicki (norab) (01/23/26 8:49 am): Rollback: Can you add "evidence" on tranfer info to the transfer section (like you did for 101 and 103)?

Key: 1470

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/21/26 8:30 pm

Viewing: **SPN-103 : First-Year Spanish III**

Last approved: 11/22/25 5:39 am

Last edit: 01/21/26 8:30 pm

Changes proposed by: Ernesto Hernandez (ernesto.hernandez)

Catalog Pages
referencing this
course
[Spanish \(SPN\)](#)

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. 01/22/26 6:30 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/23/26 10:19 am
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Nov 7, 2023 by
Megan Feagles (megan.feagles)
2. Nov 22, 2025 by
Ernesto Hernandez (ernesto.hernandez)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix SPN - Spanish

Course Number 103

Department World Languages

Division Arts and Sciences

Course Title First-Year Spanish III

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 44.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community
Education/Drivers
Ed

Community
Education/Adult

Total 44

Proposed Effective Term Spring 2026

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 of a three-term foundational, multimedia course for beginners. Initial emphasis is on speaking and listening comprehension, with secondary emphasis on reading and writing. Important cultural themes are presented. Student learning is assessed through a variety of guided exercises and assignments, interactive activities, homework, tests and quizzes, and other class projects and participation.

Type of Course (ACTI Code)

100 - Lower Division Collegiate

Select at least one of the following:

Elective Only

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

SPN-102

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

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	continue use of common and useful regular AR, ER, and IR verbs and essential irregular verbs, add recognition and correct use of common reflexive verbs to describe, discuss, ask and answer questions about typical daily routines and activities;
2	show knowledge of and correct use of other verbs like gustar (aburrir, encantar, importar, etc.) to express likes and dislikes about people, places, and things;
3	recognize and use more advanced determiners and qualifiers for people, places, and objects, such as demonstratives (este, ese, aquel, etc.) and indefinite and negative words (algo, alguien, algún, nada, nunca, nadie, ningún, etc.);
4	continue recognizing the nuances and uses of ser and estar correctly in context, as well as the differences in use of special interrogatives and negatives such as

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

Qué/Cuál/Cuáles and también/tampoco;

5 start recognizing and correctly using the simple past tense (preterite) of regular verbs, common stem-changing verbs, and essential irregular verbs (ser, estar, tener, querer, hacer, ir, etc.), recognizing that some verbs change in pattern and meaning from present to preterite;

6 recognize and use vocabulary and grammar in the areas of personal life celebrations and events such as food customs and preferences, holidays and celebrations, stages of life, and personal relationships.

Major Topic Outline

1. Daily routine activities for health and hygiene
2. Food, food descriptions, meals and eating
3. Personal relationships, holidays and celebrations, stages of life

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)

SPAN 113

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

<https://coreeducation.oregonstate.edu/implementation-resources/core-education-policies>

OUS school to which the course will transfer

PSU - Portland State University

Comparable

course(s)

SPAN 103

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

<https://www.pdx.edu/transfer-center/world-languages-transfer-advising-guide>

OUS school to which the course will transfer

SOU - Southern Oregon University

Comparable

course(s)

SPAN 103

How does it transfer?

[general education or distribution requirement](#)

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://sou.edu/admissions/apply/equivalencies/>

OUS school to which the course will transfer

UO - University of Oregon

Comparable

course(s)

SPAN 103

How does it transfer?

[general education or distribution requirement](#)

general elective

[required or support for major](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

<https://admissions.uoregon.edu/second-language>

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

SPAN 103D

How does it transfer?

general education or distribution requirement

general elective

required or support for major

Evidence of transferability

Other. Please explain.

Explanation of other evidence of transferability

<https://wou.edu/advising/transfer-basics/>

Please attach documentation

Reviewer Comments

Course Change Request

Date Submitted: 11/14/25 11:44 am

Viewing: **TA-195 : Student Performance Showcase**

Last approved: 03/22/24 3:51 am

Last edit: 12/08/25 11:50 am

Changes proposed by: Melissa Jones (melissaj)

Catalog Pages

referencing this
course

[Music Technology, AAS](#)

[Theatre Arts \(TA\)](#)

Programs

referencing this
course

[AAS.MUSICTECH: Music Technology](#)

[CC.TECHTHEATRE: Technical Theatre](#)

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. 11/14/25 11:47 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/14/26 4:11 pm
Keely Baca (keely.baca):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Jun 9, 2023 by
Megan Feagles (megan.feagles)
2. Mar 22, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix TA - Theatre Arts

Course Number 195

Department Communications and Theatre Arts

Division Arts and Sciences

Course Title Student Performance Showcase

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 Yes

Max Credit 3.00

Variable Credit 1

Increment

Contact hours

Lecture

Lec/Lab

Lab 99.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 99

Proposed Effective Spring 2026

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

Training in special forms of theatrical presentation through in-class intensive preparation, study, and program development for public presentation, including comedy improvisation, stand-up comedy, and student directed one-act plays. Roles in one-act plays require a successful audition. Other opportunities open to all. May be repeated for up to 9 6 credits.

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?

Yes

Up to how many credits can this course be repeated to satisfy a degree requirement? 9 6

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/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	develop characters, comedic routines, and/or improvisational forms for public performance through script analysis, practice of theatrical forms, comedic timing, and physical and vocal acting techniques, and/or write a set of stand-up comedy material for presentation; (AL1)(AL2)

Upon successful completion of this course, students should be able to:	
2	identify and articulate these principles as they observe and perform with other students in the class; (AL1)(AL2)
3	utilize both print and electronic information resources available at the CCC library and computer labs to adequately research their specific assigned task; (AL2)
4	demonstrate verbal and non-verbal communication skills with other performers and audiences through listening and teamwork;
5	interpret and convey the fellow actors' ideas and meanings through the live performance;(AL1)(AL2)
6	demonstrate cooperation with casts and crew, and/or demonstrate the necessary technical skills to produce the showcase; (AL1)(AL2)
7	demonstrate teamwork, group problem solving, the ability to give and take direction, to listen, to observe and respond quickly to any given situation during a public performance. (AL1)

Major Topic Outline

1.rehearsing and performing student directed one-act plays,and/or stand-up comedy, and/or comedy improvisation 2.choosing and securing a project for performance 3.holding auditions, casting, creating performance and production schedules 4.providing,through limited theater department resources,for set,costume,props,lighting,promotion and publicity 5.utilize both print and electronic information resources available at the CCC library and computer labs to adequately research their specific assigned task

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

[SOU - Southern Oregon University](#)

Comparable
course(s)

[TA 195](#)

How does it transfer?

[general elective](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[Transfer Course Equivalency](#)

OUS school to which the course will transfer

[OSU - Oregon State University](#)

Comparable
course(s)

[TA 195](#)

How does it transfer?

[general elective](#)

Evidence of transferability

[Other. Please explain.](#)

Explanation of other evidence of transferability

[OSU course articulation list for CCC](#)

Please attach documentation

[SOU Transfer Course Equivalencies.pdf](#)

[Course Articulations for Clackamas Community College](#)

[Undergraduate Admissions Oregon State University.pdf](#)

Reviewer Comments

Key: 1497

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/27/26 8:03 am

Viewing: **TA-211 : Technical Theatre Study**

Last approved: 11/07/23 5:05 am

Last edit: 01/27/26 8:03 am

Changes proposed by: Jennifer Jett (jennifer.jett)

Catalog Pages
referencing this
course

[Theatre Arts \(TA\)](#)

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. 01/27/26 8:37 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 12:42 pm
Ephanie Debey (ephanie.debey):
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 TA - Theatre Arts

Course Number 211

Department Communications and Theatre Arts

Division Arts and Sciences

Course Title Technical Theatre Study

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit Yes

Min Credit 4.00

Variable Credit No

Contact hours

Lecture 33.00

Lec/Lab

Lab 33.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 66

Proposed Effective Term Spring 2026

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

Comprehensive study and practice in presentational graphics, scene design, lighting design, and chromatics. The full creative process of staging a production will be explored through aesthetic research and design projects; in direct support of the student performance showcase. ~~projects.~~ Includes hands-on participation in CCC's main stage productions.

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

TA-111, TA-112, and TA-113

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?

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 the basic skills used in technical theatre;
2	demonstrate the rudiments of presentational graphics, scenic artistry, and lighting design;
3	demonstrate their proficiencies through direct participation in the term's main stage production;
4	demonstrate applicable mathematic concepts in the production process;
5	value self in context to artistic expression for colleagues and community;
6	communicate awareness of collaboration through responsive reflection and writing.

Major Topic Outline

1. Presentational Graphics. 2. Stage drafting and drawing. 3. Floor plans. 4. Perspective methods. 5. Rendering styles -- water color, colored pencils. 6. 2-D as well as 3-D elevations. 7. Independent research

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)

TA-234 Workshop Theater: Scenery, Costume & Lighting Production II (Can take up to 9 credits at PSU) TA 244 Technical Theatre: Scenecraft TA 245 Technical Theatre: Lighting at WOU.

How does it transfer?

general education or distribution requirement
required or support for major

Evidence of transferability

OUS school to which the course will transfer

WOU - Western Oregon University

Comparable

course(s)

TA-234 Workshop Theater: Scenery, Costume & Lighting Production II (Can take up to 9 credits at PSU) TA 244 Technical Theatre: Scenecraft TA 245 Technical Theatre: Lighting at WOU.

How does it transfer?

general education or distribution requirement
required or support for major

Evidence of transferability

Please attach documentation

Reviewer Comments

Key: 1499

[Preview Bridge](#)

Course Change Request

Date Submitted: 01/27/26 8:15 am

Viewing: **TA-295 : Student Performance Showcase**

Last approved: 03/22/24 3:51 am

Last edit: 01/27/26 8:15 am

Changes proposed by: Jennifer Jett (jennifer.jett)

Catalog Pages
referencing this
course

[Music Technology, AAS](#)
[Theatre Arts \(TA\)](#)

Programs
referencing this
course

[AAS.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. 01/27/26 8:39 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 01/29/26 12:44 pm
Ephanie Debey (ephanie.debey):
Approved for DASC Curriculum Committee Outline Review Team

History

1. Jun 9, 2023 by
Megan Feagles (megan.feagles)
2. Mar 22, 2024 by
Megan Feagles (megan.feagles)

Is Topic Shell Course?

Are you the Faculty Contact Person?

Yes

Course Prefix TA - Theatre Arts

Course Number 295

Department Communications and Theatre Arts

Division Arts and Sciences

Course Title Student Performance Showcase

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 Yes

Max Credit 3.00

Variable Credit 1

Increment

Contact hours

Lecture

Lec/Lab

Lab 99.00

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 99

Proposed Effective Spring 2026

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

Training in special forms of theatrical performance techniques ~~presentation~~ through in-class intensive preparation, study, and program development for public presentation, including, but not limited to, including comedy improvisation, stand-up comedy, and student directed one-act plays. Roles in one-act plays require a successful audition. Other opportunities open to all. 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

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

Yes

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

Course Requisites

Required

Prerequisites

[TA-195](#)

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)

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	develop characters, comedic routines, and/or improvisational forms for public performance through script analysis, practice of theatrical forms, comedic timing, and physical and vocal acting techniques, and/or <u>writing of an original</u> write a set of stand-up comedy material for presentation; (AL1)(AL2)

Upon successful completion of this course, students should be able to:	
2	identify and articulate these principles as they observe and perform with other students in the class; (AL1)(AL2)
3	utilize both print and electronic information resources available at the CCC library and computer labs to adequately research their specific assigned task; (AL2)
4	demonstrate verbal and non-verbal communication skills with other performers and audiences through listening and teamwork;
5	interpret and convey the fellow actors' ideas and meanings through the live <u>performances</u> ; performance ; (AL1)(AL2)
6	demonstrate cooperation with casts and crew, and/or demonstrate the necessary technical skills to <u>support or</u> produce the <u>showcase elements</u> ; showcase ; (AL1)(AL2)
7	demonstrate teamwork, group problem solving, the ability to give and take direction, to listen, to observe and respond quickly to any given situation during a public performance. (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.

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.

P

Build and manage relationships.

P

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

Performances/Simulation

Writing Assignments

Major Topic Outline

1. The Student Performance Showcase generally consists of three units, including but not limited to: writing or directing a units: student directed one-act play, plays, stand-up comedy, and and/or comedy improvisation. 1 to 3 credits are available depending on the number of units in which a student participates. ~~participates. Students will be involved in all areas of production.~~ With the Artist in Residence, students will be involved in all areas of production.

The student director/producer will be responsible for choosing and securing a project for performance, holding auditions, casting, creating performance and production schedules, and providing, through limited theatre department resources, for set, costume, props and lighting, promotion and publicity. Rehearsals are one hour, three times a week, MWF. Four performance times are scheduled during the tenth week of the term. Students will be expected to utilize both print and electronic information resources available at the CCC library and computer labs to adequately research their specific assigned task.

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)

[TA-295](#)

How does it transfer?

[general elective](#)

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)

[TA-295](#)

How does it transfer?

general elective

Evidence of transferability

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

Please attach documentation

Reviewer Comments

Key: 1504

[Preview Bridge](#)

Course Change Request

Date Submitted: 05/19/25 9:13 am

Viewing: **WET-108 : Cross-Connection Control**

Program Specialist

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

Last edit: 12/08/25 11:50 am

Changes proposed by: Matt LaForce (lforce)

Catalog Pages
referencing this
course

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

[Water & Environmental Technology, AAS](#)

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 1:23 pm
Megan Feagles (megan.feagles):
Approved for Curriculum Office
2. 05/17/25 10:32 am
Ephanie Debey (ephanie.debey):
Rollback to Initiator
3. 05/19/25 9:13 am
Megan Feagles (megan.feagles):
Approved for Curriculum Office
4. 01/23/26 11:25 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 108

Department Engineering Sciences

Division Arts and Sciences

Course Title Cross-Connection Control Program Specialist

Grading

Grade Scheme Standard (STND)

Credit Type Credit Course

Allow Pass/No Pass Yes

Only Pass/No Pass No

Audit No

Min Credit 3.00

Variable Credit No

Contact hours

Lecture 36.00

Lec/Lab

Lab

Activity

Clinical

Field

CWE Seminar

CPR

Seminar

Community

Education/Drivers

Ed

Community

Education/Adult

Total 36

Proposed Effective Spring 2026

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

Specialized training for those who want to be involved in administering cross-connection control programs. Elements of a cross-connection control program, basic hydraulics, state specific regulations, identifying possible cross-connections and site surveys in order to determine proper type of backflow protection, if needed.

Type of Course (ACTI Code)

210 - Career Technical Preparatory (MUST BE
IN A PROGRAM)

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Course Requisites

Required

Prerequisites

Corequisites

Prerequisites or Corequisites

Recommended

Prerequisites

Corequisites

Prerequisites or Corequisites

Non-Course Requisites

Required

Recommended

Is Student Petition required?

No

Show course in
Schedule

Print in Schedule

Hide course in catalog

No

When do you plan to offer this course?

Summer/Fall/Winter/Spring

Will this class use library resources?

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	administer a cross-connection control program;
2	identify current and potential cross-connections;

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

3	evaluate level of health risk of various establishments;
4	demonstrate knowledge of backflow assemblies;
5	describe and explain basic water hydraulics;
6	conduct site surveys to establish which backflow assemblies are need to protect the publics water supply.

Major Topic Outline

1. Elements of a cross-connection program 2. Backflow assemblies 3. Cross-connections 4. Basic water hydraulics 5. Water related health hazards 6. Policies and procedures 7. Rules and regulations 8. Record keeping 9. Public relations 10. Site surveys

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

Ephanie Debey (ephanie.debey) (05/17/25 10:32 am): Rollback: You have listed it's a three credit hour course. Shouldn't it be 33 Lecture hours and total of 33 hours? Or does this fall into some specialty category? Also, should there be acknowledgement that the course is a time commitment of three hours per a week? With a Yes statement?