

1. Course Title Change

Course Number	Former Title	New Title

2. Course Hours Change

Course Number	Title	Change

3. Course Number Change

Course Number	Title	New Course Number

4. Outlines Reviewed for Approval

Course Number	Title	Implementation
ART-101	Art Appreciation	2019/SU
CS-160	Computer Science Orientation	2019/SU
CS-161	Computer Science I	2019/SU
CS-260	Data Structures	2019/SU
G-148	Volcanoes & Earthquakes	2019/SU
GER-203	Second-Year German III	2019/SU

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Art

Submitter

First Name: Nora
Last Name: Brodnicki
Phone: 3036
Email: norab

Course Prefix and Number: ART - 101

Credits: 3

Contact hours

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

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

Course Title: Art Appreciation

Course Description:

Discover the fundamentals of thinking about and creating art through readings, class discussions, and gallery/museum tours. This course will examine art, architecture and design from the ancient period through the contemporary moment. The course also considers connections and relationships in art-making, history and culture.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

Yes

Check which General Education requirement:

Arts and Letters

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

No

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

- ✓ Fall
- ✓ Winter
- ✓ Spring

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. critically analyze, interpret and describe works of art using relevant vocabulary both verbally and in writing;
 2. demonstrate familiarity with different styles, mediums, methods and subjects associated with the production of art;
 3. identify ideas and processes related to historical change and cultural development from ancient to current times;(AL2)
 4. identify elements of composition and design.(AL1)
-

**AAOT/ASOT GENERAL EDUCATION OUTCOMES
COURSE OUTLINE MAPPING CHART**

Mark outcomes addressed by the course:

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

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

WR: Writing Outcomes

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

SP: Speech/Oral Communication Outcomes

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

MA: Mathematics Outcomes:

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

AL: Arts and Letters Outcomes

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

SS: Social Science Outcomes

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

SC: Science or Computer Science Outcomes

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

CL: Cultural Literacy Outcome

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

Outcomes Assessment Strategies:

✓ **Writing Assignments**

✓ **Pre-Post Assessment**

Major Topic Outline:

1. History of art and art-making from the ancient periods through the nineteenth century.
2. Development of ideas, style, composition, and form in the creation of art forms.
3. Social, political, and cultural influences and contexts in art from this time period.

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

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

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

How does it transfer? (Check all that apply)

general elective

:

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

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Business & Computer Science: Computer Science

Submitter

First Name: Jen
Last Name: Miller
Phone: 3138
Email: jen.miller

Course Prefix and Number: CS - 160

Credits: 4

Contact hours

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

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

Course Title: Computer Science Orientation

Course Description:

Examines foundational computing subjects used in Computer Science and Information Technology. Topics include computer architecture, electronic logic, data representation, networking, algorithms and programming, which are used in successive Computer Science courses. Information about degrees in Computer Science and Information Technology is also covered.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

Yes

Check which General Education requirement:

✓ **Writing**

✓ **Science & Computer Science**

✓ **Mathematics**

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

Yes

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

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: MTH-060 or placement in MTH-065. WRD-098 or placement in WR-121. CS-120 or placement in CS-121

Requirements:

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Fall**
✓ **Winter**
✓ **Spring**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. identify specific topics of study required for various disciplines in computer science;
2. discuss social and ethical implications in computer science;
3. identify basic computer hardware components and explain their purposes;
4. describe how data is stored in electronic format and mediums;
5. explain basic TCP/IP operation and configuration in computer networks;
6. explain the significance of binary and hexadecimal in the computing field;
7. convert values between the base-2, base-10, and base-16 numbering systems;
8. explain the significance of algorithms to all programming languages;
9. create basic algorithms and solve simple programming problems;
10. use software applications required for success in subsequent Computer Science courses;
11. identify the worth of various computer industry certifications;
12. access online resources and tutorials to prepare for these certifications;
13. produce a course of study that leads to a degree.

COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

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

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

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

SP: Speech/Oral Communication Outcomes

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

MA: Mathematics Outcomes:

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

AL: Arts and Letters Outcomes

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

SS: Social Science Outcomes

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

SC: Science or Computer Science Outcomes

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

Outcomes Assessment Strategies:

:

Major Topic Outline:

1. Computer Science degrees and classes at CCC.
2. Social and ethical implications in Computer Science.
3. Computer architecture and virtualization.
4. Basic operation of networks.
5. Data representation.
6. Algorithm design.
7. Programming.
8. Careers in Computer Science.

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

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

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

CS 160

How does it transfer? (Check all that apply)

required or support for major

general elective

:

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

Other. Please explain.

The course is part of the state-wide ASOT degree in Computer Science.

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Business & Computer Science: Computer Science

Submitter

First Name: Jen
Last Name: Miller
Phone: 3138
Email: jen.miller@clackamas.edu

Course Prefix and Number: CS - 161

Credits: 4

Contact hours

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

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

Course Title: Computer Science I

Course Description:

Introduction to fundamental concepts of structured programming, including problem solving, algorithm and program design, data types, loops, control structures, subroutines, and arrays. Learn to write structured programs in a high level programming language.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

Name of degree(s) and/or certificate(s): Computer Science AS and ASOT

Are there prerequisites to this course?

Yes

Pre-reqs: MTH-111 or placement in MTH-112, or 4 years high school math

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

Yes

Area: Computation

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Fall**

✓ **Winter**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. list and apply the computer program design process to simple programming problems;
2. describe the software life cycle;
3. specify, design, implement, debug and document simple programs using a high level programming language;
4. write programs in a high level programming language that correctly use the following components: variables, constants, functions, selection structures, repetition structures, and arrays;
5. describe and correctly use call-by-value and call-by-reference parameters;
6. demonstrate using top-down design to decompose a complex problem;
7. demonstrate using a modern programming environment to edit, compile, debug and execute programs written in a high level programming language.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Algorithm and Program Development
2. C++ basics (syntax, keywords, operators)
3. Variables and Constants
4. Output Statements
5. Selection structures (if and switch)
6. Repetition structures (while, for, do while)
7. Functions (implementing, arguments/parameters, pass by value/reference)
8. Arrays
9. Strings

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

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

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

How does it transfer? (Check all that apply)

- required or support for major

:

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Business & Computer Science: Computer Science

Submitter

First Name: Jen
Last Name: Miller
Phone: 3138
Email: jen.miller@clackamas.edu

Course Prefix and Number: CS - 260

Credits: 4

Contact hours

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

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

Course Title: Data Structures

Course Description:

Covers common data structures used for the storage and manipulation of data, as well as data abstraction, sorting algorithms, and algorithm analysis. Data structures include linked lists, stacks, queues, binary trees, btrees, hash tables, and graphs.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

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

Are there prerequisites to this course?

Yes

Pre-reqs: CS-162

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

Yes

Area: Computation

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Fall**

✓ **Spring**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. explain and implement linked lists (linear, circular, and doubly linked);
2. explain and implement stacks and queues (using both arrays and linked lists);
3. explain and implement trees (binary, AVL, red-black, btree, 2-3, 2-3-4, etc.);
4. explain and implement hash tables, graphs, and various sorting algorithms;
5. identify the appropriate data structure to use for a particular project;
6. explain how to process various data structures using iteration or recursion, and know the benefits and drawbacks of each;
7. demonstrate how to analyze computer algorithms for operational efficiency.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Linked Lists
2. Stacks and Queues
3. Binary Trees
4. BTrees
5. Hash Tables
6. Graphs
7. Searching and Sorting

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

PSU (Portland State University)

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

PSU: CS163

How does it transfer? (Check all that apply)

:

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

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Section #1 General Course Information

Department: Science

Submitter

First Name: Sarah
Last Name: Hoover
Phone: 3354
Email: sarahh

Course Prefix and Number: G - 148

Credits: 4

Contact hours

Lecture (# of hours): 33
Lec/lab (# of hours):
Lab (# of hours): 33
Total course hours: 66

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

Course Title: Volcanoes & Earthquakes

Course Description:

A lab course that examines the geological processes that create volcanoes and earthquakes and the hazards associated with them. Examines basic geologic features, monitoring techniques, hazards, prediction methods, and future events, using historic episodes of volcanic eruptions and earthquakes.

Type of Course: Lower Division Collegiate

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

Yes

Check which General Education requirement:

Science & Computer Science

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

No

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations:

Requirements: Two Saturday field trips

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Summer**

✓ **Not every year**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. predict volcanic/earthquake activity that would occur at different plate boundaries and explain why, based on scientific information gathered from these different geological systems, these types of activity occur in these locations; (SC1) (SC2)
 2. apply information gathered about tectonic plate interactions in the Northwest United States to hypothesize about volcanic activity and hazards that affect Oregon and Washington, (SC1) (SC3)
 3. explain how the interior of the Earth is structured and identify what the physical and chemical properties are for each region, (SC1)
 4. explain the theory of plate tectonics and why this model of plate interaction is an underlying foundation for the science of geology, (SC1)
 5. gather data through experimentation to explain how earthquakes happen, hazards associated with them, and how they affect society; (SC1) (SC3)
 6. identify volcanic rock types, discuss the geological/volcanic setting that produced the rocks and evaluate the hazards associated with particular types of volcanism. (SC1) (SC2)(SC3)
-

COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

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

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

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

SP: Speech/Oral Communication Outcomes

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

MA: Mathematics Outcomes:

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

AL: Arts and Letters Outcomes

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

SS: Social Science Outcomes

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

SC: Science or Computer Science Outcomes

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

CL: Cultural Literacy Outcome

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

Outcomes Assessment Strategies:**✓ General Examination**✓ **Writing Assignments**✓ **Multiple Choice Test****✓ Journal Writing**✓ **Other Assessment Tools:** Laboratory activities and practical laboratory quizzes**Major Topic Outline:**

1. Introduction to earth's structure and plate tectonics.
 - a. Faults and crustal deformation.
2. History of seismology.
 - a. Quake types, locations and seismic waves.
3. Intensity and magnitude of earthquakes.
4. Earthquake hazards and mitigation.
 - a. Monitoring and prediction.
 - a. Local potential.
5. Introduction to volcanoes.
 - a. Physical structures and characteristics.
6. Types of volcanoes.
 - a. Rheology and volcanic products.
7. Silicic volcanism and hazards.

- 8. Basaltic volcanism and hazards.
 - 9. Monitoring and mitigation.
 - 10. Prediction and local volcanic development.
- Laboratory Schedule:
- 1. Plate tectonics, earthquakes and volcanoes.
 - 2. Volcanic minerals.
 - 3. Mafic volcanic rocks.
 - 4. Felsic and intermediate rocks.
 - 5. Seismographs, faults and earthquakes.
 - 6-10. Two Saturday fieldtrips: 9hrs each.
 - a. Portland volcanic features.
 - b. Cascades and Mt. St. Helens OR one full weekend trip (Saturday & Sunday).
 - c. Central Oregon volcanic features.

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

- OSU (Oregon State University)**
- UO (University of Oregon)**
- OSU-Cascade**

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

OSU: GEOLDT UO: G120T

How does it transfer? (Check all that apply)

:

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

Other. Please explain.

transfer information is from OSU and UO Transferable course information web page

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

Show changes since last approval in red

Section #1 General Course Information

Department: World Languages

Submitter

First Name: Irma
Last Name: Bjerre
Phone: 3245
Email: irmab@clackamas.edu

Course Prefix and Number: GER - 203

Credits: 4

Contact hours

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

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

Course Title: Second-Year German III

Course Description:

Provides opportunities to review and expand language skills to the point of intermediate proficiency through reading, writing, hearing and talking about contemporary issues in US and German-speaking countries. Third of a three-term second year course.

Type of Course: Lower Division Collegiate

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

Yes

Check which General Education requirement:

Arts and Letters

Cultural Literacy

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

Yes

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

Are there prerequisites to this course?

Yes

Pre-reqs: GER-202

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Spring**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. describe at least 3 activities begun in the past and continued up to the present and converse with another student using these forms; (AL 1)
 2. correctly interpret messages using relative pronouns and relative clauses and creatively use those constructions to talk about 'people who...' and 'things that...'; (AL 1)
 3. use the present, past and perfect tense describing what is or was being done to someone or something;
 4. use idiomatic expressions that require fixed prepositions and cases to describe, for example, things he/she: remembers (sich an etwas erinnern), is getting used to (sich an etwas gewöhnen), etc.;
 5. describe things in the General Subjunctive (Konjunktive II) in the present and past, including using Konjunktive II + inf + model;
 6. read a sample of journalistic or other text in German using Konjunktiv I explain, in English, and critically analyze the journalistic values underlying the use of this mode and tense; (AL 2)
 7. discuss, in English, cultural challenges faced by Germans in social and political interactions with Germans from different regions with different dialects. (CL 1)
-

AAOT/ASOT GENERAL EDUCATION OUTCOMES
COURSE OUTLINE MAPPING CHART

Mark outcomes addressed by the course:

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

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

WR: Writing Outcomes

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

SP: Speech/Oral Communication Outcomes

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

MA: Mathematics Outcomes:

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

AL: Arts and Letters Outcomes

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

SS: Social Science Outcomes

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

SC: Science or Computer Science Outcomes

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

CL: Cultural Literacy Outcome

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

Outcomes Assessment Strategies:

- ✓ **General Examination** ✓ **Projects**
✓ **Oral Examination**
✓ **Presentations**

- ✓ **Performances/Simulation**

:

Major Topic Outline:

1. Narrating activities in one's past.
 - a. Narrating activities that one completed in the past.
 - b. Narrating activities that one started in the past and continue into the present.
2. Well-known public figures and their past accomplishments.
3. Making generalizations about types of people and things.
4. Describing actions without reference to a subject.
 - a. Describing past actions without reference to a subject.
 - b. Describing present actions without reference to a subject.
5. Describing hypothetical and conditional situations.
6. Describing contrary-to-fact scenarios in the past.
7. Relating what one could or should have done.
8. Formal and journalist uses of the subjunctive.
9. Regional diversity of dialect and custom in German-speaking countries.

- a. Culinary diversity.
- b. Religious diversity.
- c. Linguistic diversity.
- d. Historical diversity.

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

- PSU (Portland State University)
- SOU (Southern Oregon University)
- OSU (Oregon State University)
- UO (University of Oregon)

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

PSU - GER 203 Second Year German; OSU - GER 213 Second Year German; UO - 2nd Year German; SOU - GL 203 Intermediate German Language - Humanities Exploration

How does it transfer? (Check all that apply)

- general elective
- other (provide details): World Language; Humanities Exploration

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

First term to be offered:

Next available term after approval

:

Course Number	Title	Implementation
BA-272	Financial Analysis, Accounting and Budget	2019/SU
BA-281	Business/CWE	2019/SU

Clackamas Community College
Online Course/Outline Submission System

Date approved: June 5, 2015 Certified General Education Area(s): None

Section #1 General Course Information

Department: Business and Computer Science

Submitter

First Name: Pamela
Last Name: Clem
Phone: 503-594-3196
Email: PamC@clackamas.edu

Course Prefix and Number: BA - 272

Credits: 4

Contact hours

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

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

Course Title: Financial Analysis, Accounting and Budget Forecasting (Retail)

Course Description:

This course uses the application of business math skills to teach students to prepare retail budgets and forecasts leading to profitability. Students will be taught how to use accounting concepts and principles related to financial statements for effective and ethical business decision making.

Type of Course: Lower Division Collegiate

Reason for the new course:

Our Retail National and State advisory committees have revalidated the Financial Analysis, Accounting and Budget Forecasting learning outcomes and competencies for high wage jobs in the Retail sector. This work had led them to have request that the Financial learning outcomes for the retail management certificate be changed to meet these current job demands. This course aligns directly with these required student learning outcomes.

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

Name of degree(s) and/or certificate(s): Elective to Business Associate of Applied Science Degree

Are there prerequisites to this course?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations: WRD-090 or placement in WRD-098

Requirements:

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

Yes (A 'Yes' certifies you have talked with the librarian and have received approval.)*

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

✓ **Winter**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. compute retail discounts, markups, pricing, gross profits and net margins;
2. explain the interrelationships among external financial reports,
3. list and explain financial information needed to make good business decisions,
4. explain how good internal controls affect profitability,
5. analyze situations and determine the wise use of ethical decision making for profitability,
6. prepare retail operational budgets,
7. prepare pro-forma retail financial statements and budget forecasts,
8. identify how accounting events impact financial statements, decision making, and financial performance measures used to evaluate company, departmental, and management performance.

This course does not include assessable General Education outcomes.

Major Topic Outline:

- I. Application of business math skills
 - A. Price markups and markdowns, discounts, and pricing (based on cost and retail)
 - B. Computing gross and net profits
 - C. Basic interest (present and future value), payroll, and inventory valuation (FIFO, LIFO, weighted average)
- II. Identification and analysis of financial statements and reports
 - A. Components of income statement, balance sheet, cash flow statement
 - B. How financial statements are related to each other
 - C. Preparing ratios and interpreting results of operations and current financial position
- III. Analysis of accounting information for effective decision making
 - A. Cost analysis and profitability for retail business operations
 - B. Performance measures to promote goal congruence

- C. Short-term goals and long-term sustainability based on cost/volume/profit analysis
- IV. Use of internal controls and ethical decision making
 - A. Identifying controls for protection of cash and assets and for preventing and detecting fraud
 - B. Cost/benefit, marginal analysis, quality, and non-quantitative factors in decision making
 - C. Ethics and its effects on long-term profitability
- V. Preparing retail operational budgets
 - A. Types of budgets and how they assist planning for possible future events in retail
 - B. Preparing store, departmental, and division budgets, both static and flexible
 - C. Use of Excel (spreadsheet) tools for preparing budgets and participative budget reports
- VI. Preparing pro-forma financial statements and retail forecasts
 - A. Making budget forecasts and designing budgetary assumptions
 - B. Preparing pro-forma (budgeted) financial statements (income statement and balance sheet) based on budget forecasts
 - C. Analysis and comparison of financial statement information over time and compared with competitors and industry standards
- VII. Linking accounting concepts and principles to decision making and profitability
 - A. How accounting information and events are entered in and affect financial statements
 - B. Use of profitability analysis, competitive analysis, and pricing strategies
 - C. Design of financial performance measures that lead to goal congruence and enhanced retail profitability

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

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

Percent of course: 0%

Section #2 Course Transferability

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

1. Is there an equivalent lower division course at the University?
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3. Will the course be accepted as part of the University's distribution requirements?

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

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

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

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

How does it transfer? (Check all that apply)

general elective

:

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

Date approved: June 1, 2011 Certified General Education Area(s): None

Section #1 General Course Information

Department: Business & Computer Science: Business

Submitter

First Name: Kelly
Last Name: Steigleder
Phone: 3391
Email: kellys

Course Prefix and Number: BA - 281

Credits: 6

Contact hours

Lecture (# of hours):
Lec/lab (# of hours):
Lab (# of hours): 216
Total course hours: 216

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

Course Title: Business/CWE

Course Description:

Cooperative work experience. On-the-job experience in a business related to the student's major course of study. Under supervision of instructor and employer. Variable Credit: 3-6 credits. May be repeated for up to 6 credits. Required: Student Petition.

Type of Course: Lower Division Collegiate

Reason for the new course:

Coming forward for review, not a new course.

Is this class challengeable?

Yes

Can this course be repeated for credit in a degree?

Yes

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

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

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

Are there prerequisites to this course?

No

Are there corequisites to this course?

Yes

Co-reqs: CWE-281

Are there any requirements or recommendations for students taken this course?

Yes

Recommendations:

Requirements: Student Petition.

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: Yes

When do you plan to offer this course?

- ✓ **Fall**
- ✓ **Winter**
- ✓ **Spring**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. establish short-term and long-term career goals,
2. analyze interests, strengths, and weaknesses relating to career goals;
3. investigate sources of career information,
4. prepare a resume suitable for presentation to a prospective employer,
5. establish and demonstrate progress toward a career goal.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Meet individually with BA281 instructor.
2. Do individual projects in CWE seminar.
3. Orientation and establishment of individual and group goals.
4. Complete at least three objectives at the work site and meet with instructor and supervisor.
5. Document work activities and hours worked.
6. Discuss human relation issues at work site.
7. Give case studies feedback.

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

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

Percent of course: 0%

Section #2 Course Transferability

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

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

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

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

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

How does it transfer? (Check all that apply)

:

First term to be offered:

Next available term after approval

:

Course Number	Title	Implementation
MUS-207	Advanced Recording Techniques: Drums	2019/SU
MUS-242	Music Creation with Ableton LIVE	2019/SU

Clackamas Community College
Online Course/Outline Submission System

Section #1 General Course Information

Department: Music

Submitter

First Name: Brian
Last Name: Rose
Phone: 3340
Email: brianr

Course Prefix and Number: MUS - 207

Credits: 1

Contact hours

Lecture (# of hours): 10
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 10

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

Course Title: Advanced Recording Techniques: Drums

Course Description:

Advanced training for recording drum kits and various hand percussion instruments.

Type of Course: Career Technical Preparatory

Reason for the new course:

Training beyond the Music Technology Certificate.

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

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

Are there prerequisites to this course?

Yes

Pre-reqs: MUS-107

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: No

When do you plan to offer this course?

✓ **Not every term**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. record drums and percussion with advanced techniques;
2. demonstrate room sound recording techniques;
3. apply techniques in advanced microphone selection and placement;
4. apply proper recording concepts and techniques in recording hand percussion instruments.

This course does not include assessable General Education outcomes.

Major Topic Outline:

Drum kit recording:

1. various advanced microphone placements.
2. capturing room sound.
3. drum tuning.
4. drum selection considerations.
5. hand percussion recording.

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

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

Percent of course: 0%

First term to be offered:

Next available term after approval

:

Clackamas Community College
Online Course/Outline Submission System

Section #1 General Course Information

Department: Music

Submitter

First Name: Brian
Last Name: Rose
Phone: 3340
Email: brianr

Course Prefix and Number: MUS - 242

Credits: 1

Contact hours

Lecture (# of hours): 10
Lec/lab (# of hours):
Lab (# of hours):
Total course hours: 10

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

Course Title: Music Creation with Ableton LIVE

Course Description:

This course enables the student to use Ableton LIVE software to create music.

Type of Course: Career Technical Preparatory

Reason for the new course:

Training beyond the Music Technology Certificate.

Is this class challengeable?

No

Can this course be repeated for credit in a degree?

No

Is general education certification being sought at this time?

No

Does this course map to any general education outcome(s)?

No

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

Yes

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

Are there prerequisites to this course?

Yes

Pre-reqs: MUS-142

Have you consulted with the appropriate chair if the pre-req is in another program?

No

Are there corequisites to this course?

No

Are there any requirements or recommendations for students taken this course?

No

Are there similar courses existing in other programs or disciplines at CCC?

No

Will this class use library resources?

Yes

Have you talked with a librarian regarding that impact?

No

Is there any other potential impact on another department?

No

Does this course belong on the Related Instruction list?

No

GRADING METHOD:

A-F or Pass/No Pass

Audit: No

When do you plan to offer this course?

✓ **Not every term**

Is this course equivalent to another?

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

No

Will this course appear in the college catalog?

Yes

Will this course appear in the schedule?

Yes

Student Learning Outcomes:

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

1. use Ableton LIVE for song creation on Mac computers;
2. demonstrate the DJ style concepts of song creation available in LIVE;
3. demonstrate how LIVE is re-wirable in host programs such as Pro Tools.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Basic overview of Ableton LIVE software.
2. Major concepts of how LIVE is unique from other similar software.
3. Using MIDI in LIVE.
4. Using audio in LIVE.
5. Looping audio and midi.
6. DJ style song creation.
7. Rewiring LIVE.

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

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

Percent of course: 0%

First term to be offered:

Next available term after approval

:
