Clackamas Community College

Online Course/Outline Submission System

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Section #1 General Course Information

Department: WAFE

Submitter

First Name: Jeff
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Course Prefix and Number: GIS - 205

 # 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: Cartography and Map Making

Course Description:

Explores basic cartographic design principles and how to apply them to produce high quality maps using GIS software. Introduces cartographic terminology, principles, and map-making tools. Covers visual representation and communication; how to turn geographic data into effective maps for print and the web; how to critique maps; map design and elements; and color, fonts, labels, and symbols for maps.

Type of Course: Career Technical Preparatory

Reason for the new course:

Improve the GIS program series of courses.

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): GIS Technology Certificate

Are there prerequisites to this course?

Yes

Pre-reqs: GIS-201

Have you consulted with the appropriate chair if the pre-req is in another program? Yes (A 'Yes' certifies you have talked with the chair and have received approval.)*

Are there corequisites to this course?

Yes

Co-reqs: GIS-201

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?

✓ 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. Apply cartographic principles, theory and styles to create effective maps using GIS software
2. Critique maps based on cartographic and design principles
3. Apply cartography to examine cultural and environmental issues

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This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Map design & Layout
2. Types of Maps
3. Map colors
4. Map symbols
5. Map labels & fonts
6. Map generalization
7. Quantitative & Qualitative data

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
: