

Clackamas Community College

Online Course/Outline Submission System

Show changes since last approval in red

Section #1 General Course Information

Department: Business & Computer Science: Computer Science

Submitter

First Name: Debra

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Course Prefix and Number: CS - 181

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: CMS Web Development

Course Description:

Explores creating dynamic and interactive web sites via the use of a current content management system (CMS) and shopping cart utility. Includes installation of CMS/database, working with templates, creating efficient site navigation, enhancing sites using components, modules, plugins and extensions, and user management.

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): Web Design Certificate; Web Design & Development AAS

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: CS-125H or equivalent experience with hand-coded HTML & CSS

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?

✓ **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. describe the advantages of web development via CMS tools;
2. explain the major components of a CMS solution;
3. use a current CMS to create personal and/or business websites including:
 - a. installation of database;
 - b. initial administrative user setup;
 - c. customizing the look and feel through templates and user-added enhancements;
4. explain the components of a shopping cart, and related terms;
5. implement a current shopping cart utility to create eCommerce sites that allow visitors to purchase items with PayPal or credit card information.

This course does not include assessable General Education outcomes.

Major Topic Outline:

1. Overview of Content Management Systems.
2. Installation of CMS.
 - a. Understanding the database.
 - b. Administrative user access.
 - c. Exploring the control panel.
3. Installing and modifying existing templates.
4. Managing site content.
5. Site navigation.
6. Installing and configuring extras.
 - a. Components.
 - b. Modules.
 - c. Extensions.
7. Overview of Shopping Carts.
8. Installation of Shopping Carts.
 - a. Understanding the database.
 - b. Merchant account providers.
9. Managing shopping cart content and formatting.

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)

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

How does it transfer? (Check all that apply)

general elective

:

First term to be offered:

Specify term: Winter 2015
