

CS/IS265 : Web Development Project II: Construction

General Information

Author:	<ul style="list-style-type: none"> Teresa Bailey
Course Code (CB01) :	CS/IS265
Course Title (CB02) :	Web Development Project II: Construction
Department:	CSIS
Proposal Start:	Fall 2024
TOP Code (CB03) :	(0707.10) Computer Programming
CIP Code:	(11.0201) Computer Programming/Programmer, General.
SAM Code (CB09) :	Clearly Occupational
Distance Education Approved:	Yes
Will this course be taught asynchronously?:	Yes
Course Control Number (CB00) :	CCC000445988
Curriculum Committee Approval Date:	05/08/2024
Board of Trustees Approval Date:	06/18/2024
Last Cyclical Review Date:	05/08/2024
Course Description and Course Note:	CS/IS 265 is the second of three practical experience-building courses for the Web Development certificate. In this course, the student will execute the plans created in CS/IS 264. Industry standard software will be used to build and test the web site. File management and version control techniques will be evaluated. Note: CSIS 264, 265 & 266 is a three-session sequence which must be taken sequentially as each course builds on the work of the previous course.
Justification:	Mandatory Revision
Academic Career:	<ul style="list-style-type: none"> Credit
Author:	No value

Academic Senate Discipline

Primary Discipline:	<ul style="list-style-type: none"> Computer Information Systems (Computer network installation, microcomputer technology, computer applications)
Alternate Discipline:	No value
Alternate Discipline:	No value

Course Development

Basic Skill Status (CB08) Course is not a basic skills course. <input type="checkbox"/> Allow Students to Gain Credit by Exam/Challenge	Course Special Class Status (CB13) Course is not a special class. Pre-Collegiate Level (CB21) Not applicable.	Grading Basis <ul style="list-style-type: none"> Grade with Pass / No-Pass Option Course Support Course Status (CB26) Course is not a support course
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Transferability & Gen. Ed. Options

General Education Status (CB25)

Not Applicable

Transferability

Not transferable

Transferability Status

Not transferable

Units and Hours

Summary

Minimum Credit Units (CB07) 1

Maximum Credit Units (CB06) 1

Total Course In-Class (Contact) Hours 54

Total Course Out-of-Class Hours 0

Total Student Learning Hours 54

Credit / Non-Credit Options

Course Type (CB04)

Credit - Degree Applicable

Noncredit Course Category (CB22)

Credit Course.

Noncredit Special Characteristics

No Value

Course Classification Code (CB11)

Credit Course.

Variable Credit Course

Funding Agency Category (CB23)

Not Applicable.

Cooperative Work Experience

Education Status (CB10)

Weekly Student Hours

	In Class	Out of Class
Lecture Hours	0	0
Laboratory Hours	3	0
Studio Hours	0	0

Course Student Hours

Course Duration (Weeks)	18
Hours per unit divisor	54
Course In-Class (Contact) Hours	
Lecture	0
Laboratory	54
Studio	0
Total	54
Course Out-of-Class Hours	
Lecture	0
Laboratory	0
Studio	0
Total	0

Time Commitment Notes for Students

No value

Units and Hours - Weekly Specialty Hours

Activity Name	Type	In Class	Out of Class
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No Value	No Value	No Value	No Value
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Pre-requisites, Co-requisites, Anti-requisites and Advisories

Prerequisite

CS/IS264 - Web Development Project I: Planning (in-development)

Objectives

- Design a Web site using site navigation plans.
- Plan a Web site using storyboards.
- Manage a Web site design using production charts.

Entry Standards

Entry Standards

Course Limitations

Cross Listed or Equivalent Course

Specifications

Methods of Instruction

Methods of Instruction	Multimedia
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Methods of Instruction	Demonstrations
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Methods of Instruction	Laboratory
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Out of Class Assignments

- Project assignment (e.g. obtaining project requirements to create the website)
- Project documentation reports (e.g. documenting project requirements, and steps to complete project)

Methods of Evaluation

Project/Portfolio

Rationale

Finished project

Textbook Rationale

No Value

Textbooks**Author****Title****Publisher****Date****ISBN**

No Value

No Value

No Value

No Value

No Value

Other Instructional Materials (i.e. OER, handouts)

No Value

Materials Fee

No value

Learning Outcomes and Objectives

Course Objectives

Explain current Web site design standards.

Use industry standard tools at a basic level.

Maintain version control and keeping track of all project files.

SLOs

Design a website.

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Analyze and solve problems using critical, logical, and creative thinking; ask questions, pursue a line of inquiry, and derive conclusions; cultivate creativity that leads to innovative ideas.
	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
<i>CSIS</i> Information Technology Certificate	Demonstrate installing, configuring and maintaining computer and mobile devices, including diagnosing, resolving and documenting common hardware and software.
<i>CSIS</i> Information Technology - A.S. Degree Major	Demonstrate installing, configuring, and maintaining computer and mobile devices, including diagnosing, resolving, and documenting common hardware and software.
<i>CSIS</i> Computer Science - Certificate	Prepare a software project to implement a single scientific, mathematical, business, or technical function.
<i>CSIS</i> Computer Science - A.S. Degree Major	Prepare a software project to implement a single scientific, mathematical, business, or technical function.
<i>CSIS</i> Computer Software Technician	demonstrate the ability to independently create, save, modify and print a document using a word processing program and appropriate assistive technology
<i>CSIS</i> Web Development - A.S. Degree Major	use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.
<i>CSIS</i> Web Development - Certificate	use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.

Demonstrate ability to apply standard tools and techniques to website.

Expected Outcome Performance: 70.0

<i>ILOs</i> Core ILOs	Demonstrate depth of knowledge in a course, discipline, or vocation by applying practical knowledge, skills, abilities, theories, or methodologies to solve unique problems.
<i>CSIS</i> Information Technology Certificate	Demonstrate installing, configuring and maintaining computer and mobile devices, including diagnosing, resolving and documenting common hardware and software.
<i>CSIS</i> Information Technology - A.S. Degree Major	Demonstrate installing, configuring, and maintaining computer and mobile devices, including diagnosing, resolving, and documenting common hardware and software.
<i>CSIS</i> Computer Science - Certificate	Prepare a software project to implement a single scientific, mathematical, business, or technical function.

CSIS
Computer Science - A.S. Degree
Major

Prepare a software project to implement a single scientific, mathematical, business, or technical function.

CSIS
Computer Software Technician

demonstrate the ability to independently create, save, modify and print a document using a word processing program and appropriate assistive technology

CSIS
Web Development - A.S. Degree
Major

use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.

CSIS
Web Development - Certificate

use industry standard tools and techniques to produce, publish and maintain Web sites and Web content.

Course Content

Lecture Content

No value

Laboratory/Studio Content

Project Requirements (10 Hours)

Survey of Current Industry Tools Used to Create (18 Hours)

- Web pages
- Style sheets
- Graphics

Version and Site Control (14 Hours)

- File management
- Version control techniques

Peer Review of Completed Projects (12Hours)

Total Hours: 54

Additional Information

Is this course proposed for GCC Major or General Education Graduation requirement? If yes, indicate which requirement in the two areas provided below.

No

GCC Major Requirements

No Value

GCC General Education Graduation Requirements

No Value

Repeatability

Not Repeatable

Justification (if repeatable was chosen above)

No Value

Resources

Did you contact your departmental library liaison?

Yes

If yes, who is your departmental library liaison?

Aisha Conner-Gaten (Business, ESL-Credit)

Did you contact the DEIA liaison?

No

Were there any DEIA changes made to this outline?

No

If yes, in what areas were these changes made:

No Value

Will any additional resources be needed for this course? (Click all that apply)

- No

If additional resources are needed, add a brief description and cost in the box provided.

No Value