Web Development Concurrent Enrollment Course

UVU Course Number: INFO 2420

UVU Course Name: Web Application Design

Credit Hours: 3

CRN #

http://www.uvu.edu/concurrent

High School Course Title: Web Development CE

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COURSE DESCRIPTION

This is a Concurrent Enrollment Course, offering both high school credit through Springville High School and college credit through Utah Valley University. Signing up for the Concurrent Enrollment credit is optional, but highly recommended.

Web Development is a year-long Concurrent Enrollment course designed to guide students in a project-based environment in the development of up-to-date concepts and skills that are used in the development of today's websites. Students will learn the fundamentals of how the Internet works. They will learn and use the basic building blocks of the World Wide Web: HTML5 coding, Cascading Style Sheets (CSS), and JavaScript. They follow the steps to create a website by planning, designing, developing, deploying, and maintaining of the website projects. Students will learn and use different scripting technologies to create more dynamic and interactive websites. They will learn what it takes for a career in web development as they complete projects and create their own websites and electronic portfolio.

COURSE PREREQUISITES

This class is available to all high school sophomores, juniors and seniors in good academic standing. If taking this course for Concurrent Enrollment credit, ***Sophomores must complete the "sophomore by exception" application.*** **All** students must return a "parent permission/refusal" form.

Computer Literacy is a required competency for this course. You will be expected to have a basic skill level in the following areas: file management, using email and sending attachments, searching the Internet, using a word processor, and creating simple graphics using graphic editing software.

COURSE OBJECTIVES & LEARNING OUTCOMES

Upon successful completion of this course, students will be able to do the following:

1. Practice planning, designing, implementing, and maintaining websites.
2. Explore careers in Web Development and prepare an electronic portfolio of projects created.
3. Create and use HTML forms, tables, templates, image maps, hyperlinks, etc.
4. Write and validate clean HTML 5 to create well-formed webpages.
5. Use of CSS to format webpages; separating presentation from page content.
6. Learn how to use JavaScript and other advanced features to add behaviors to a site.
7. Design websites using current-generation tools.
8. Analyze the different graphical formats supported by the WWW.
9. Modify and create web graphics for greater performance on the web.

CLASS WEBSITE AND INSTRUCTIONAL MATERIALS

Main Class Website - A website has been created so students and parents can check to see what was missed while absent. There will also be a daily schedule that show due dates and upcoming events. The website can be accessed at: www.missbeck.org Parents and students, familiarize yourself with the website.

CANVAS – CANVAS is a learning management software that will be used for this class. CANVAS will be used to submit assignments electronically online, take test & quizzes, daily schedule, see due dates for assignments and projects, download assignment instructions or notes. CANVAS can be accessed by going to www.missbeck.org

GRADES

You will receive the same grade for your high school course as you receive for your college course. Your grade will be based upon to following:

- Attendance (15%)
- Assignments/Projects (45%)
- Bell Ringers (15%)
- Tests/Quizzes (25%)

Grades for this course are updated daily in SIS. Be sure that you are checking SIS frequently so you know what you are missing and what you may need to make-up. There is no excuse for not knowing what your grade is at any given time.

GRADING SCALE

A	94-100	C	73-76
A-	90-93	C-	70-72
B+	87-89	D+	67-69
B	83-86	D	63-66
B-	80-82	D-	60-62
C+	77-79	F	59-0

GRADING POLICIES

- ✓ **Participation (15% of Grade)**
  - ✓ Participation will be based on attendance, on task, and preparation.
    - ▪ Participation – Each day you can earn or lose 30 points depending on your time on task and preparedness during class.
    - ▪ Absences: Every day you are not here (excused or unexcused) you can lose 30 points. You are held accountable for being here every day and doing your work.
    - ▪ Tardies: You will lose 10 participation points for a tardy and 15 for a late tardy.
- ✓ **Test/Quizzes (30% of Grade)**
  - ✓ Make-up tests are due within **5 school days** of an absence with prior approval. Tests may not be made up without prior approval.
    - ▪ Only one test/quiz retake per term is allowed.
- ✓ **Assignments (40% of Grade)**
  - ✓ It is expected that assignments will be turned in on-time. Due dates and deadlines will be posted far enough in advance for you to get your work in on time. <u>If you are absent the day an assignment is due, you much make prior arrangements with me in order to receive full credit.</u> (unless assignment is given and due that day then you have 5 school days to turn in for full credit.)
  - ✓ **Late Work –** Late assignments will lose 10% of their point value each class period they are late up to a maximum of 50%. NO late work for a Unit will be accepted after the test date for that Unit has been given.
- ✓ **Bell Ringers (15% of Grade)**
  - ✓ There will be a bell quiz and warm-up activity every day at the beginning of class to check for understanding and mastery concepts.
    - ▪ **Bell Quizzes** are given daily. Bell Quizzes cannot be made up due to absences or tardies. (4 of the lowest quizzes will be dropped)
    - ▪ **Warm-Up Activities** are given daily at the beginning of each class. Warm-up Activities follow the same late work policy as assignments.

(See Assignments above)

ADDITIONAL INFORMATION

CLASS RULES
1. Be on time and prepared.
2. Respect others and their property.
3. ABSOLUTELY no food or drink by the computers at any time.
4. Please come to class appropriately dressed. No hats.
5. Cell phones, iPods, or other electronic devices must be turned off and put away during class time.
6. Use all equipment properly
7. Chatting, listening to or downloading music, videos or games online is not allowed

ACADEMIC INTEGRITY
Each student is expected to maintain academic ethics and honesty in all its forms, including but not limited to cheating and plagiarism. Cheating will not be tolerated. Students caught cheating (getting or giving work or answers) will receive a "0" on the assignments and a parent will be contacted.

SCHOOL POLICIES
You must sign an *acceptable use policy* before you will be allowed to use the computers in this room. These policies and procedures will be followed at all times. Failure to comply with this agreement will result in a failing grade on the assignment or in extreme cases may result in expulsion from the class. **DO NOT under any circumstances download anything you have not been given permission to download.**

ATTENTION STUDENTS WITH DISABILITIES:
If you have any disability, which may impair your ability to successfully, complete this course, please contact the Accessibility Services office, 863-8747, BU 146. Academic accommodations are granted for all students who have qualified documented disabilities. All services are coordinated with the Accessibility Services office.

DROPPING THE CLASS
If you drop the high school class, you must also withdraw from the UVU class to avoid receiving an E or UW on your college transcript.