DWDD1600 - COURSE SYLLABUS

Course Description

Provides the fundamentals necessary to plan, design, develop, deploy, and critique a web site which includes images, sound, video, forms, and separates content from presentation. Focuses on the fundamentals of web programming languages. Examines various ways to build an accessible web page.

Course Outcomes

At the end of this course, students should be able to:

- ☐ Prepare a site plan (Design Process).
- ☐ Hand-code multiple HTML pages (Tools, Basic Elements).
- ☐ Design pages with CSS while implementing design principles (Tools, Basic Elements, Principles).
- ☐ Enhance a web page with various types of media (Tools, Elements).
- ☐ Upload web pages using ftp protocol (Tools).
- ☐ Analyze web traffic. (Soft Skills).

Prerequisites and Needed Skills

- ☐ Be able to save files.
- ☐ Be able to send email.
- ☐ Be able to write and express your ideas.
- ☐ Be able to manage your own time.

Materials, Fees and Technology Tools

Textbooks

There are no required books for this class

Software

You will need the following software if you are using a **Macintosh** computer.

- ☐ Download your free copy of Brackets for Macintosh. It color codes your documents.
- ☐ Download your free copy of Visual Studio Code for Macintosh. It color codes your documents.
- ☐ Download your free copy of Cyberduck (FTP client). It allows you to transfer the files from your local computer to the server.

You will need the following software if you are using a **Windows** computer.

- ☐ Download your free copy of Brackets for Windows. It color codes your documents.
- ☐ Download your free copy of Visual Studio Code for Windows. It color codes your documents.
- ☐ Download your free copy of Cyberduck . It allows you to transfer the files from your local computer to the server.

Web Hosting

You will need to purchase web-hosting so you can upload your assignments for each unit. Depending on who you choose as a web host company, this can cost you around $3.00 per month.

Course Fees

You will need to purchase web hosting.

Competency Based Education

In Competency Based Education or CBE you must demonstrate that you are competent in every module of the course. This way we know that you are prepared for later courses.

"C's get degrees" may be a catchy phrase, but it will not work in our field. Digital Media is skill-based, and you need to acquire these skills in order to succeed. Although you may be frustrated when you have to **redo an assignment**, we have discovered that students appreciate the opportunity to keep working till the understand.

Quotes from previous students.

"I think it helps review the material and actually learn it."

"I enjoy the opportunity to keep perfecting my assignments until they are the best they can be."

"For me repetition is key. The more I retake the quizzes the better I remember what I've learned so I don't mind having to retake them if I didn't do well."

The assignments for this course are broken into two different kinds. Units 1 through 9 **and** optional capstone projects.

Units 1 through 9

You may complete these assignments at your own speed as long as you are done with all of then prior to the end of the semester (Reading Day).

If you want to complete this course in 6 weeks, you may. If you want to take the full 15 weeks, you may. While the time you take to achieve competency will vary, you must pass each assignment at 90% in order to pass the class. By passing the first 9 units in the course, you will receive a final grade of a "B". Failing to complete all 9 units will result is a final grade of "F"

Optional Capstone Activities

If you want to improve your grade above a "B", there will be several activities that you can complete. Your level of achievement these optional assignments will determine whether you receive a B+, A-, or A. for the class. If you want to complete the optional capstone assignments, they will be due by Thursday night of finals week.

Procrastination

A word about procrastination, do not expect that you can procrastinate until the last weeks of the semester to complete everything on-time. It may take several reviews of an assignment and several revisions on your part to get the assignment correct.

If you have learned to make excuses for decisions that result in poor performance or you have never learned to pace yourself to complete assignments on-time, "You must unlearn what you have learned." —Yoda.

Grading Your Work

Assignments will be graded within a couple of days of being submitted in Canvas (excluding weekends). If your assignment does not meet the minimum criteria, you will be given detailed comments about what you need to correct and receive a temporary score of "0" for the assignment. Once you have redone your assignment, you must resubmit your assignment in Canvas so it can be regraded. This process will occur over and over until you complete the assignment at 90%.

Learning Activities

Instructional Videos

This course will rely heavily on screen casts (videos showing a computer screen and narrated by Dr. Cheney) to communicate the material we cover in class. These videos provide the optimal opportunity for you to control when and where you study. You can also pause the video while you get a snack or try to make your code work like the example. Have you ever been able to do that during a philosophy or history lecture? Most of the lessons will have video tutorials that show you how to complete an activity that is similar to the one you will work on. We hope you enjoy the benefits of mobile learning! Links to these videos are in each Canvas module on a page titled "Instructional Videos"

Assignments

Of course no lesson is complete without providing you an opportunity to demonstrate what you have learned. These carefully designed assignments will require you to demonstrate what you have learned from the instructional videos. You will NOT be allowed to copy code from any other source when completing the unit assignments. You get to hand code each assignment without the assistance of a WYSIWYG program like Dreamweaver. The assignment for each unit builds on the code you wrote for the previous unit, so it's important that you keep up.

Reflection Questions

Research has shown that when adult learners take time to reflect on what they have done, they can better apply their current knowledge to future problems. You will be responding to several questions for each lesson that will help you as you reflect on what you just learned. While some of these do have a correct answer, many do not have right and wrong answers. You will be graded on accurate, complete, and thoughtful responses to each set of questions. In addition, you will have the pportunity to learn from industry experts and think about how they can inform you scholarship as you learn web development.

Examples

I provide an example of each assignment so you can see how it functions and what you should be working towards. You can compare your work (function, presentation, design) against my example and self-assess how well you're doing.

Quizzes

This course includes quizzes. Because this course is competency based, you will have unlimited chances to take each quiz. You are free to use your notes and even the internet to help you get a better score. You must retake each quiz until you get a score of 90%.

Capstone Activities

After completing all the required units at 90%, you may improve your grade in this course by completing all or part of the **Capstone** activities. You only have one chance at the capstone project so do your best the first time. This will be graded against the criteria and points awarded.

Suggested Due Dates for Units

Although there are no hard deadlines for assignments in this class, you will need to pace yourself so you don't run out of time.

> › Semester starts on January 08, 2024
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> › Unit 1 should be completed around January 15, 2024.
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> › Unit 2 should be completed around January 22, 2024.
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> › Unit 3 should be completed around February 05, 2024.
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> › Unit 4 should be completed around February 19, 2024.
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> › Unit 5 should be completed around February 26, 2024.
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> › Unit 6 should be completed around March 11, 2024.

› Unit 7 should be completed around March 25, 2024.

› Unit 8 should be completed around April 01, 2024.

› Unit 9 should be completed around April 08, 2024.

The hard deadline for this class is the last day of class (before finals week starts.) Assignments can be handed in any time throughout the semester before this due date. The Capstone project can be turned in at any time until the Wednesday of finals week at midnight.

Work turned in after these hard deadlines cannot be accepted.😞

Delivery Mode

This class may be delivered as face to face, blended, or online.

Canvas Problems

Canvas shows you your grade based on the assignments that have been submitted. This gives you a false sense of success when it shows you have a high grade but in reality you have not turned in the last few assignments. So DO NOT TRUST the grade provided in Canvas as your final grade for the course. Canvas will lie to you.

Life Long Learning

Lifelong learning is a form of self-initiated education that is focused on personal development. It's what happend after you leave college and embark on a career (learning how to learn when you outside of the classroom.). As technology changes, you must teach yourself in order to remain up-to-date in your field.

Plagiarism

Plagiarism is copying someone else's work and then putting your name on it. If you copy code from someone else and then submit it as your own, you will receive a score of 0 for that assignment and asked to redo it using your own set of skills. If it happens again, we must report you to the department chair.

Workload Expectations

As with all 3 credit classes you are expected to spend 12 hours a week completing the learning activities and doing the assignments for each module.

Passing this Course

Web Essentials was the second most failied course at UVU for Fall 2013. What are some of the reasons this may have happened?

☐ Some students have not yet learned to handle the freedom of an self-paced online course

☐ The content is difficult and technical which means you must practice over and over

☐ Each unit builds in the previous units so you cannot skip ahead and be succrssful

Course Designer

Paul Cheney received his master's degree from Utah State University in Instructional Technology and worked as a civilian for the United States Air Force doing interactive computer-based firefighter training. He and his family then moved to Provo, Utah where he worked at Brigham Young University for five years in the Instructional Technology Center. While there, he was involved in authoring multimedia, digitizing video, training faculty in instructional technology, and QTVR. He then moved with his family to Buena Vista, VA where he joined the faculty at Southern Virginia University. While there he taught multi-media design courses, served as the Director of Media and Instructional Technology, and

completed a Ph.D. from the University of Virginia. Ten years after moving to Virginia he returned to Utah where he is now at Utah Valley University teaching courses in their Digital Media department.

Accommodations/Students with Disabilities

Americans with Disabilities Act and Section 504 of the Rehabilitation Act

The Americans with Disabilities Act (ADA) and Section 504 of the Rehabilitation Act of 1973, as amended, prohibit Utah Valley University from engaging in discrimination on the basis of disability in any program or activity. Discrimination is also prohibited in all aspects of employment against persons with disabilities who, with reasonable accommodation, can perform the essential functions of a job.

Students who believe they have been denied program access or otherwise discriminated against because of a disability are encouraged to initiate a grievance by contacting the Accessibility Services Director, Sherry Page at 801-863-8747. Employees can contact the ADA Coordinator, Irene Whittier at 801-863-8389.

Upon request, this information is available in alternative formats, such as mp3, Braille, or large print. To request this format, email asd@uvu.edu.

Statement from Accessibility Services

Students needing accommodations due to a disability including temporary and pregnancy accommodations may contact the UVU Accessibility Services at accessibilityservices@uvu.edu or 801-863-8747. Accessibility Services is located on the Orem Campus in LC 312.

Academic Integrity

At Utah Valley University, faculty and students operate in an atmosphere of mutual trust. Maintaining an atmosphere of academic integrity allows for free exchange of ideas and enables all members of the community to achieve their highest potential. Our goal is to foster an intellectual atmosphere that produces scholars of integrity and imaginative thought. In all academic work, the ideas and contributions of others must be appropriately acknowledged and UVU students are expected to produce their own original academic work.

Faculty and students share the responsibility of ensuring the honesty and fairness of the intellectual environment at UVU. Students have a responsibility to promote academic integrity at the university by not participating in or facilitating others' participation in any act of academic dishonesty. As members of the academic community, students must become familiar with their rights and responsibilities. In each course, they are responsible for knowing the requirements and restrictions regarding research and writing, assessments, collaborative work, the use of study aids, the appropriateness of assistance, and other issues. Likewise, instructors are responsible to clearly state expectations and model best practices.

Further information on what constitutes academic dishonesty is detailed in UVU Policy 541: Student Code of Conduct.

Equity and Title IX

Title IX states that no person in the United States shall, on the basis of sex, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity receiving Federal financial assistance. Students who believe they have been excluded from participation in, denied the benefits of, or discriminated against because of their sex may contact the EO/AA office to make a report, ask questions, or share concerns by email at: titleix@uvu.edu, in-person at BA-203, or by phone at: (801) 863-7999. To learn more about the Equity and Title IX office please visit us online

Religious accommodation

UVU values and acknowledges a wide range of faiths and religions as part of our student body, and as such provides accommodations for students. Religious belief includes the student's faith or conscience as well as the student's participation in an organized activity conducted under the auspices of the student's religious tradition or religious organization. The accommodations include reasonable student absences from scheduled examinations or academic requirements if they create an undue hardship for sincerely held religious beliefs. For this to occur, the student must

provide a written notice to the instructor of the course for which the student seeks said accommodation prior to the event.

The UVU campus has a place for meditation, prayer, reflection, or other forms of individual religious expression as is described on their website.