



**Hasan School of Business, Colorado State University – Pueblo**

**Syllabus for CIS 311 – Introduction to Web Development  
Tuesdays 6:00 pm - 9:00 pm**

**Instructor Name:** Dr. Ron Viseh

**Instructor Office:** Virtual (GoToMeeting)

**E-mail:** [mvisesh@uh.edu](mailto:mvisesh@uh.edu)

**Website:** <https://ron.viseh.com>

**Classroom:** Zoom: <https://csupueblo.zoom.us/j/98491999714>

**Office Hours:** Zoom: <https://csupueblo.zoom.us/j/97898041018> (Only by appointment)

**NOTE:** *Please only use your [csupueblo.edu](mailto:csupueblo.edu) email to communicate with me. I will not respond to 3<sup>rd</sup> party emails such as, GMAIL, YAHOO, or others.*

**Course Description:** An introduction to web site design and implementation using HTML, JavaScript, XML and other state of the art web development tools and languages. This course provides hands-on experience in designing and securing Web-based applications. It applies the latest web technologies to create, debug and publish secure web applications.

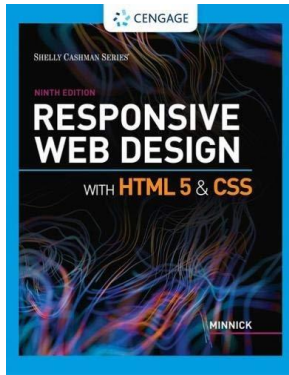
**Prerequisites:** CIS 171 (Introduction to Java Programming)

**Course Objectives/Instructional Methods:**

The following learning objectives are the desired outcome for this course and will be evaluated at the completion of this class. After completing this class, you should be able to:

- Understand the importance of applying the fundamentals of security to new website development
- Use OWASP - methodologies, documentation, tools, and technologies in the field of web application security to plan new website development
- Understand the concepts of the World Wide Web
- Demonstrate the fundamentals of how to plan and organize the webpages for a new website
- Apply two fundamental webpage technologies to realistic case studies: HTML for structure and CSS for style and layout
- Implement responsive web design and mobile-first design strategies
- Demonstrate current techniques for incorporating audio and video and for encouraging interactivity through social media and JavaScript
- Support current, professional webpage development best practices
- Perform publishing, linking, and maintaining of web sites

**Required Text(s):** Minnick, Jessica (2021) *Responsive Web Design with HTML 5 & CSS* **9th Edition**  
ISBN: 978-0-357-42383-7



**Other Materials:** Extra materials, if any, will be provided in class.

**Course Requirements:**

Description	Percentage
Labs & Quizzes	25%
Midterm Exam	25%
Portfolio Project	25%
Final Exam	25%
Total	100%

**Portfolio Project (25%)**

Your own Personal Portfolio Website will be developed over the course and posted on a publicly available website. (www.000webhost.com) The students completed site link will be uploaded via Blackboard for site grading.

**Exams (25%)**

There will be two exams, midterm (25%) and final (25%). All exams are open book, open notes exams. Any act of academic dishonesty will result in a 0 for the exam.

**Labs**

There are number of labs that you will complete, these will prepare you for your Term Project.

**Quizzes**

There are number of quizzes will be offered throughout the semester, with 10 questions (true/false, multiple-choice, or short-answer questions) each.

**Attendance**

All students are expected to attend every lecture. Each lecture will be recorded, and the recordings will be posted to my website CS for review purposes.

**Grading:**

Grades will be determined based on accumulation of points as noted below. Note that there are no provisions for make-up work, re-examinations, extra work for extra credit, and so forth. Grades will be posted to Blackboard on the CSU-P website.

Points Accumulation	Final Grade
90%-100%	A
80%-89%	B
70%-79%	C
60%-69%	D
0%-59%	F

### **Starfish**

Starfish is a communication software being utilized to support CSU-Pueblo students in this course. The purpose is to facilitate our communication network for supporting student success. Students may receive kudos for exemplary performance, or flags or referrals for concerns needing attention. Please pay attention to emails from Starfish and take the recommended actions to be successful. Alerts can be viewed only by you, the faculty member and your advisors and support network. Starfish is accessed through PAWS where students may update their personal profile or request assistance. More information is available at <https://www.csupueblo.edu/starfish>.

### **Credit Hours and Expected Student Effort:**

This course is a 3-credit hour, full semester course. The University has adopted a standard lecture class minimum of 2,250 minutes of combined in-class (750 minutes) and out-of-class (1,500 minutes) time per credit hour per semester. Essentially this means that for each hour spent in class students need to spend two hours out-of-class dedicated to this course.

### **Exam Make-up policies:**

- There are absolutely no opportunities to retake an exam to improve the grade, or to do additional work for extra credit.
- If you miss an exam or are not able to take an exam as scheduled, you must provide a valid excuse and documents.
- If you know that you will not be able to take an exam as scheduled, you are required to see me **before** the exam to determine a time **before** the regular exam date to take the exam.
- Emergency or last-minute reasons for missing an exam will allow you to take the exam after the scheduled date.
- Student athletes that must miss exam dates due to sporting events are required to take all exams **before** the date scheduled. You must contact me to set a date to take the exam or receive a zero.

### **Accommodations:**

This University abides by the Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973, which stipulates that no student shall be denied the benefits of an education "solely by reason of a handicap." If you have a documented disability that may impact your work in this class and for which you may require accommodations, please see the Disability Resource Coordinator as soon as possible to arrange accommodations. In order to receive accommodations, you must be registered with and provide documentation of your disability to: the Disability Resource and Support Center, which is located in the Library and Academic Resources Center, Suite 169.

### **HSB Academic Honesty Policies**

Continued enrollment in this course implies that the student has read, understands, and accepts all conditions established for academic honesty and integrity as set forth by the HSB faculty. You can find the HSB academic Honesty Policy at <https://www.csupueblo.edu/hasan-school-of-business/about/academic-honesty.html>

### **HSB Code of Conduct**

The mission of the Hasan School of Business at Colorado State University-Pueblo can be found at <https://www.csupueblo.edu/hasan-school-of-business/about/mission.html>

To achieve the goal of providing a high-quality educational experience, the students, faculty and staff of the school affirm the following principles and shared responsibilities:

- Students will attend class, come to class prepared, and maintain their academic engagement when challenged by difficult learning activities.
- Faculty will distribute (hard copy or electronic) course syllabi on the first day of class and faculty are expected to update their courses to integrate the most recent developments in their field(s) of study.

- Faculty, staff, and students will treat each other with respect in all activities (e.g., classroom, advising, and co-curricular activities).
- Students will be active participants in all group assignments and actively participate in class discussions.
- Faculty will come to class prepared, engage the class in a meaningful experience that enhances student learning, and provide timely feedback to students concerning academic performance.
- Students will notify faculty (by email, phone, mail, or other means) of class absence in advance of the scheduled class time.
- Faculty and students will take an active role in maintaining the highest academic standards by not participating in or allowing cheating or plagiarism.

### **Mandatory Reporting:**

Colorado State University-Pueblo is committed to maintaining respectful, safe, and nonthreatening educational, working, and living environments. As part of this commitment, and in order to comply with federal law, the University has adopted a Policy on Discrimination, Protected Class Harassment, Sexual Misconduct, Intimate Partner Violence, Stalking, & Retaliation. You can find information regarding this policy, how to report violations of this policy, and resources available to you, on the Office of Institutional Equity's website ([www.csupueblo.edu/institutional-equity](http://www.csupueblo.edu/institutional-equity)).

Please familiarize yourself with the reporting requirements of this policy. Because I am a faculty member, I am a "Responsible Employee." That means I must report to the Director of the Office of Institutional Equity if you tell me that you were subjected to, or engaged in, of any of the following acts: *discrimination, protected class harassment, sexual misconduct, intimate partner violence, stalking, and retaliation*.

### **Electronic Devices:**

Please mute all electronic devices during class time. The interruptions they cause disrupt class and interfere with the learning process.

## **Fall 2022 Syllabus information**

### **Wolfpack Health & Safety**

See Campus website for current coronavirus details including required submission of COVID-19 immunization record or exemption form: <https://www.csupueblo.edu/coronavirus/vaccinations/index.html>  
<https://www.csupueblo.edu/coronavirus/index.html>

For the health and safety of our campus community, we **require** that all students follow proper protocols issued by the University. It is the student's responsibility to know what these policies are **and any changes that may be occurring**. Students who fail to follow protocol and guidelines will be referred to the Office of Student Conduct and Community Standards and **will need to remove** themselves from the classroom. The policies related to this requirement can be found at

<http://csu-pueblo-policies.colostate.edu/policy.aspx?id=172> and [https://www.csupueblo.edu/student-conduct/\\_doc/student-code-of-conduct-2020-final.pdf](https://www.csupueblo.edu/student-conduct/_doc/student-code-of-conduct-2020-final.pdf)

**Questions?** Please contact [covid@csupueblo.edu](mailto:covid@csupueblo.edu) or 719-420-0002 for assistance.

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### **Managing Life Challenges and Getting Support**

College should be challenging, not overwhelming. Let us help. We understand that life occurs beyond the classroom. Should you or someone you know encounter an unexpected crisis (securing food or housing, managing a financial crisis, drastic changes in mood or behavior, missing school due to an emergency, loss of a loved one, etc..)

please submit a Pack CARES referral to be connected with advocacy and support, free of charge:

<http://bit.ly/packcares>

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**The Wolfpack [Counseling Center](#): Here to Listen. Here to Help.**

We are open Monday through Friday from 8am to 5pm. Appointments are preferred, but walk-ins are welcome and this is a free service to students. Starting September 7, 2021, we now offer CRISIS/Emergency intervention on off hours. Just call our number and a therapist will be available from our answering service to talk with you then, and we will follow up with you the next morning.

Call us at 719-549-2838, or stop in at the CIHHI building Room 174.

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**Course Concerns? We Want to Know.**

Our goal at CSU Pueblo is to provide the best possible experience for students. Your first contact for any course concern is your instructor. If your concern requires further attention, please contact the department chair for that course. The full resolution process for Academic Course-Related and other concerns is detailed in the Student Complaint Resolution Matrix at:

<https://www.csupueblo.edu/campus-life/student-complaint-form.html>

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**Questions on Financial Aid or FAFSA?**

Please contact [Student Financial Services](#) for information or Counselor assistance. Call 719-549-2753 or email:

[financialaid@csupueblo.edu](mailto:financialaid@csupueblo.edu)

See [Syllabus Reference Sheet](#) for full details.

**Class Schedule (Tentative) – Based on the progress this schedule may be revised.**

**Important Dates:**

- End of add period – Aug 26
- End of drop period – Sept 7
- End of full-term course withdrawal period – Oct 26
- Fall break – Nov 21-25
- **Quiz 1 – Sep 13**
- **Quiz 2 – Oct 4**
- **Midterm Exam – Oct 11**
- **Quiz 3 – Oct 25**
- **Quiz 4 – Nov 15**
- **Final Project – Dec 5**
- **Final Exam – (TBD)**

# Course Schedule Outline

*(\*) No Late Submission with No Exception for Any Reason!*

Week	Dates	Lecture Topic	Assignments	Description
1	8/23	Orientation Introduction to Web Development How the Web Works		<i>First day of class</i> Chapter 1
2	8/30	Building a Webpage Template		Chapter 2
3	9/6	Enhancing a website HTML, How to Edit, & Upload	Quiz Chapter 1 *	Chapter 3 NotePad++ Tutorial <a href="https://youtu.be/FOFgv_c6ZrQ">https://youtu.be/FOFgv_c6ZrQ</a>  FileZilla Tutorial <a href="https://youtu.be/adxmlHDIm6c">https://youtu.be/adxmlHDIm6c</a>
4	9/13	Designing Webpages with CSS	Quiz Chapter 2 *	Chapter 4  Sass Crash Course <a href="https://youtu.be/Zz6eOVaaell">https://youtu.be/Zz6eOVaaell</a> <a href="https://sass-lang.com/">https://sass-lang.com/</a>
5	9/20	Responsive Design	Lab 1 * Quiz Chapter 3 *	Chapter 5, 6
6	9/27	Improving Web Design	Quiz Chapter 4 *	Chapter 7
7	10/4	Creating Tables and Forms	Lab 2 * Quiz Chapter 7 *	Chapter 8
8	10/11	<b>*** Midterm Exam ***</b> 20 multiple-choice questions	*	<i>Exam on Blackboard</i>
9	10/18	Final Project Review	Quiz Chapter 8 *	
10	10/25	Integrating Audio and Video Creating Interactivity with CSS and JavaScript	Lab 3 * Quiz Chapter 8 a *	Chapter 9, 10
11	11/1	JavaScript & jQuery		Chapter 10
12	11/8	Publish, Promote and Maintain a website	Lab 4 *	Chapter 11
13	11/15	Getting Started with Bootstrap		Chapter 12
14	11/22	<b>*** Thanksgiving Holiday ***</b>		
15	11/29	<b>*** Final Project DUE ***</b>	*	
16	12/13	<b>*** Final Exam ***</b> 20 multiple-choice questions	Tuesday from 6:00 PM to 9:00 PM	<i>Exam on Blackboard</i>

17	12/14	Official closing of the session	Instructor Grades Due	