

# NORTHWESTERN CONNECTICUT COMMUNITY COLLEGE

## COURSE SYLLABUS

**Course Title:** Web Coding and Development **Course #:** CST 154

**Credits:** 4

**Pre-requisite/Co-requisite:** CST\* 151 with a grade of “C” or better

**Course Description:** A complete course that covers the coding syntax to create Web pages for the Internet. The two main coding languages XHTML and JavaScript are the emphasis of the course. All of these topics follow the W3C guidelines. The World Wide Web Consortium develops interoperable technologies (specifications, guidelines, software and tools) to lead the Web to its full potential. The full scope of HTML/XHTML techniques and the interactive capabilities of JavaScript are examined and implemented as students create their own comprehensive webpages.

**Goals:** The goals of this course are for students:

1. To enhance their knowledge of the features and capabilities of websites through observation and analytical discussions.
2. To develop their proficiency in articulating and summarizing standards and established habits of how websites should be presented.
3. To create a portfolio of projects that demonstrate successful understanding of creating webpages through JavaScript and XHTML coding.
4. To understand the considerations of various delivery platforms

**Outcomes:** By the end of the course, students should be able to:

1. Demonstrate a varied approach of appraisal to website layout and content as it relates to visual and functional design
2. Integrate multiple research findings to summarize and articulate website features that are considered standards for navigation, consistency, functionality, and form
3. Examine fundamentals of analysis and critical review of website development/design through examination of various sites that meet criteria of elements being reviewed.
4. Apply advanced CSS to enhance a website
5. Develop websites for mobile device platforms
6. Demonstrate proficiency with JavaScript and XHTML code to design/develop websites consistent with W3C standards.

## **College Policies**

**Plagiarism:** Plagiarism and Academic Dishonesty are not tolerated at Northwestern Connecticut Community College. Violators of this policy will be subject to sanctions ranging from failure of the assignment (receiving a zero), failing the course, being removed/expelled from the program and/or the College. Please refer to your “Student Handbook” under “Policy on Student Rights,” the Section entitled “Student Discipline,” or the College catalog for additional information.

**Americans with Disabilities Act (ADA):** The College will make reasonable accommodations for persons with documented learning, physical, or psychiatric disabilities. Students should notify Dr. Christine Woodcock, the Counselor for Students with Disabilities. She is located at Green Woods Hall, in the Center for Student Development. Her phone number is 860-738-6318 and her email is [cwoodcock@nwcc.edu](mailto:cwoodcock@nwcc.edu).

**School Cancellations:** If snowy or icy driving conditions cause the postponement or cancellation of classes, announcements will be made on local radio and television stations and posted on the College’s website at [www.nwcc.edu](http://www.nwcc.edu). Students may also call the College directly at **(860) 738-6464** to hear a recorded message concerning any inclement weather closings. Students are urged to exercise their own judgment if road conditions in their localities are hazardous.

**Use of Electronic Devices:** Some course content as presented in Blackboard Learn is not fully supported on mobile devices at this time. While mobile devices provide convenient access to check in and read information about your courses, they should not be used to perform work such as taking tests, quizzes, completing assignments, or submitting substantive discussion posts.

**Sexual Assault and Intimate Partner Violence Resource Team:** NCCC is committed to creating a community that is safe and supportive of people of all gender and sexual identities. This pertains to the entire campus community, whether on ground or virtual, students, faculty, or staff. Sexual assault and intimate partner violence is an affront to our national conscience, and one we cannot ignore. It is our hope that no one within our campus community will become a victim of these crimes. However, if it occurs, NCCC has created the SART Team - Sexual Assault and Intimate Partner Violence Resource Team - to meet the victim’s needs.

SART is a campus and community based team that is fully trained to provide trauma-informed compassionate service and referrals for comprehensive care. The team works in partnership with The Susan B. Anthony Project to extend services 24 hours a day, 7 days a week throughout the year.

The NCCC team members are:

Ruth Gonzalez, Ph.D.	860-738-6315	Green Woods Hall Room 207
Susan Berg	860-738-6342	Green Woods Hall Room 223
Kathleen Chapman	860-738-6344	Green Woods Hall Room 110
Michael Emanuel	860-738-6389	Founders Hall Annex Room 308
Seth Kershner	860-738-6481	Library
Jane O'Grady	860-738-6393	Founders Hall Annex Room 212
Robin Orloski	860-738-6416	Business Office Room 201
Patricia Bouffard, Ex-Officio	860-738-6319	Founders Hall Room 103
Savannah Schmitt		Student Representative
Jacob Wujcik		Student Representative

At NCCC we care about our students, staff and faculty and their well-being. It is our intention to facilitate the resources needed to help achieve both physical and emotional health.