

**CS 300: Client-Side Web Development
College of Arts & Sciences Syllabus**

COURSE INFORMATION

Credit Hours: 3

Course Description: The course discusses web site design issues and the requirements of e-commerce. Furthermore, it covers the creation of web pages. Hands-on development and group projects are an essential part of this course.

Course Prerequisites: CS 200

FACULTY INFORMATION

Instructor: Rachel Adler

Office Location: LWH 3047

Office Hours: Tuesdays: 10am – 12pm and 1pm - 2:30pm, Thursdays: 10 - 11:30a.m., or by appointment

Phone Extension: x4710 (email is the best way to reach me!)

E-mail: R-Adler@neiu.edu

COURSE MATERIALS

List of Required Texts / Materials:

Course Website: <http://cs.neiu.edu/~radler/cs300>

Required Textbooks:

1. *Murach's HTML5 and CSS3* by Zak Ruvalcaba and Anne Boehm. Fresno, CA: Mike Murach & Associates, 2011. ISBN: 1890774669
 2. *Murach's JavaScript and jQuery* by Zak Ruvalcaba and Mike Murach. Fresno, CA: Mike Murach & Associates, 2012. ISBN: 1890774707
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COURSE OBJECTIVES / STUDENT LEARNING OUTCOMES

- Build a web page using HTML

- Validate website to ensure it adheres to W3C standard for HTML5
- Use CSS to style website
- Use Javascript and jQuery for user interaction.

STUDENT TASKS / ASSIGNMENTS / REQUIREMENTS

Assignments:

Create webpages using HTML, CSS, JavaScript, and jQuery

Project:

Build a complete website which includes HTML5, CSS3, and JavaScript/jQuery components. The site should be complete, validated, free of errors, and easy to use.

Grading Policies and Formulae:

Assignments	30%
Project	30%
Online Quizzes	10%
Online Midterm Exam	30%
90-100%	A
80-89%	B
70-79%	C
60-69%	D
0-59%	F

Course Outline:

<i>Week</i>	<i>Topic</i>	<i>Readings</i>
1	Introduction to Client-Side Web Development	<i>Murach's HTML5 and CSS3: Chapter 1</i>
2	HTML Basics: images, links	<i>Murach's HTML5 and CSS3: Chapter 2</i>
3	HTML: lists, tables	<i>Murach's HTML5 and CSS3: Chapter 3</i>

4	CSS Basics	<i>Murach's HTML5 and CSS3: Chapter 4</i>
5	CSS: Box Model, Page Layout	<i>Murach's HTML5 and CSS3: Chapters 5-6</i>
6	CSS: Links, Lists, Images, and Tables	<i>Murach's HTML5 and CSS3: Chapters 7-9</i>
7	Creating Forms	<i>Murach's HTML5 and CSS3: Chapter 10</i>
8	Midterm Exam	
9	Designing a Website	<i>Murach's HTML5 and CSS3: Chapter 17</i>
10	JavaScript Basics	<i>Murach's JavaScript and jQuery: Chapters 2, 4</i>
11	JavaScript: Functions and Events	<i>Murach's HTML5 and CSS3: Chapter 13</i> <i>Murach's JavaScript and jQuery: Chapter 3</i>
12	DOM and JavaScript	<i>Murach's JavaScript and jQuery: Chapter 6</i>
13	jQuery Introduction	<i>Murach's HTML5 and CSS3: Chapter 14</i> <i>Murach's JavaScript and jQuery: Chapter 7</i>
14	jQuery Effects and Animation and DOM Manipulation	<i>Murach's JavaScript and jQuery: Chapters 8-9</i>
15	jQuery Forms	<i>Murach's JavaScript and jQuery: Chapter 10</i>
16	Final Projects Due	

COURSE POLICIES AND STATEMENTS

Absence Policy:

As this is an online class, attendance is in the form of doing all assignments on time. No late work is allowed.

Academic Integrity Policy:

By enrolling in this course, you are bound by the NEIU Student Code of Conduct: <http://www.neiu.edu/university-life/student-rights-and-responsibilities/student-code-conduct>. You will be informed by your instructor of any additional policy specific to your course regarding plagiarism, class disruptions, etc.

ADA Statement:

Northeastern Illinois University (NEIU) complies with the Americans with Disabilities Act (ADA) in making reasonable accommodations for qualified students with disabilities. To request accommodations, students with special needs should make arrangements with the Student Disability Services (SDS) office, located on the main campus in room D104. Contact SDS via (773) 442-4595 or <http://www.neiu.edu/university-life/student-disability-services>.

Campus Safety:

Web links to Campus Safety: Emergency Procedures and Safety Information can be found on *NEIUport* on the MyNEIU tab or as follows: http://homepages.neiu.edu/~neiuemp/Emergency_Procedures/MainCampus/.

Assignment Policy

There will be many assignments. All work **MUST** be submitted on their given due date or a grade of zero will be assigned. **No late homework assignments will be accepted.** Please begin assignments early to ensure that you finish them on time. All grades for each assignment will be posted online on D2L at most one week after the due date. All assignments are due **Thursdays before 4:00p.m.**

Additional Academic Integrity Policy:

All assignments must be the student's own work. If you copy homework, you and the student whose homework you copied will receive a zero. Two students may not submit the same homework. If you are caught copying another student's exam, or allowing someone to copy your exam, you will fail the exam and face further academic discipline.