

## ITD 210-01L | Web Page Design II Syllabus & class calendar | Spring 2019

This syllabus outlines our course of study for the coming semester, including material to be covered, grading criteria, and classroom policies. Please refer to "College Policies" in Blackboard and the college [Student Handbook](#) for college-wide policies which apply to this course.

<b>Instructor</b>	<p><b>Tom Gutnick</b>  <a href="mailto:tgutnick@nvcc.edu">tgutnick@nvcc.edu</a>            703.450.2506, ext. 37208 (NOVA voice mail)            571.449.6775 (direct line)            Skype: tom.gutnick            Twitter: <a href="#">@tgnvcc</a></p>
<b>Course objectives</b>	<p>ITD 110 gave you the basics of Web page design. This class takes you to the next level, teaching the advanced software technologies used to create highly-sophisticated dynamic Web sites. Specific objectives include:</p> <ul style="list-style-type: none"> <li>• Be able to create dynamic Web pages using technologies such as HTML5, JavaScript, Cascading Style Sheets, and Document Object Models</li> <li>• Understand the functioning of Web servers</li> <li>• Understand how to create server-side scripts and database-enabled Web applications</li> <li>• Understand issues of Web page accessibility</li> <li>• Understand basic principles of managing and maintaining a Web site</li> </ul> <p>(See the college-wide course content summary at <a href="http://www.nvcc.edu/academic/coursecont/summaries/ITD210.pdf">www.nvcc.edu/academic/coursecont/summaries/ITD210.pdf</a>.)</p>
<b>Prerequisites</b>	<ul style="list-style-type: none"> <li>• ITD 110 Web Page Design I</li> <li>• Facility using a windowed workstation environment (Windows, MacOS, Linux, etc.), including the ability to move and copy files and to use a text editor and a Web browser</li> </ul>
<b>Classroom</b>	Room LW 224, Thursdays 7:00–9:40 PM
<b>Office hours</b>	Thursdays 6:10–6:50 PM, in our classroom; appointments are optional but receive priority. Other times may be arranged. I am also available by phone, e-mail, and video conference. If you are having problems with the class material, I encourage you to contact me right away.
<b>Text</b>	Required: <i>Fundamentals of Web Development</i> , by Randy Connolly & Ricardo Hoar, second edition, 2018, ISBN 978-0-13-448126-5.
<b>Grading</b>	<p>25% homework            25% project            10% quizzes            20% mid-term exam            20% final exam</p> <p>Grading scale: A=90-100%, B=80-89%, C=70-79%, D=60-69%, F=0-59%</p> <p>As assignments and quizzes are graded, the grades will be posted in Blackboard.</p>
<b>Class web site</b>	<p>Available through your college <a href="#">Blackboard</a> account.            I will post relevant materials here, including updated versions of this syllabus and schedule, details on assignments (homework and projects), PowerPoint slides used in class, additional reference materials, etc.</p>
<b>Assignments</b>	Just about every week, expect reading assignments from the textbook and, occasionally, from web sites, as well as coding exercises, either from the textbook or from other sources. In addition, a major project will be assigned, involving the creation of a small web site. You will be submitting portions of the project to meet

various milestones throughout the semester. Details of all assignments will be discussed in class and posted in Blackboard every week.

All homework and projects are due at 7 PM on the due date; if you will be absent, electronic submission of assignments is still required by the deadline. Late submissions will be penalized 10% per day late. Assignments will not be accepted more than seven days past the due date.

Be sure to allow sufficient time for completing all assignments — this is critical for success in the class.

**Attendance & help** Your presence, regular and thorough preparation, and participation in class are expected. If you are unable to attend a class, please contact me in advance. Class sessions will often cover material beyond what is covered in the textbook. If you do not attend regularly and do all the assignments, you are not likely to complete the course successfully.

New this semester, Smarthinking is an online tutoring service that is free for all NOVA students, and IT courses are covered. You can access Smarthinking directly from Blackboard; after you have logged into Blackboard, look for the link to Smarthinking.

If you find that you are floundering, please don't just stop coming to class. Talk to me and, together, we'll work on getting you through the semester successfully. On the other hand, if you decide to drop the class, it is your responsibility to do so on a timely basis.

If you wish to avail yourself of a disability accommodation as spelled out in the College Policies, you must provide me with the Memorandum of Accommodation at least one week before needed. See the Counseling office for assistance.

**Classroom decorum** Civility is expected at all times. Civility includes leaving class only at scheduled break times, silencing all electronic devices during class, and being awake and attentive. Use of all electronic devices, including the classroom computers, should be limited to class-related activities only. Any student behaving inappropriately will be dropped from the course. If in doubt about what is appropriate by college standards, consult the college [Student Handbook](#).

**Academic integrity** As stated in the College Policy on Academic Integrity, I expect that your submitted assignments and exams be your own work. Cheating and plagiarism are not acceptable. When appropriate, use footnotes or coding comments; code snippets, icons, images, and graphics created by somebody else and used in your web pages should be credited. A first submission found to be in violation will receive a grade of zero; a second violation will result in your being dropped from the course with a failing grade.

**"Incomplete" grade** When a student is unable to complete a course within the normal course time for verifiable unavoidable reasons, the incomplete ("I") grade may be used, at the instructor's discretion. To be eligible to receive an "I" grade, you must have satisfactorily completed more than 60% of the course requirements and attendance, and must request that I assign the "I" grade and indicate why it is warranted.

**Emergency closings** In the event of an unscheduled closing of the campus, I will update the class Blackboard site as soon as possible with information regarding assignments and possible online class sessions, and it is your responsibility to view this information on a timely basis.

**Computer lab** The open computer lab is located in room LW 230. The computers are loaded with the same software as in our classroom. The lab phone number is 703.450.2521. Printing in the lab costs 12¢/page, using your student ID card. (No charge for printing in-class assignments in the classroom.) Hours are:

- Monday–Thursday, 8 AM–9:30 PM
- Friday–Saturday, 8 AM–3:30 PM

- Sunday, closed

Additional computers are available for student use in the library in the Learning Commons Building, but may not have all our software loaded.

### Class schedule

This schedule is tentative and subject to change. Always refer to Blackboard for the latest version.

The numbers in the Reading column represent textbook chapter sections which should be read *before* the class session. Be sure to check Blackboard every week for full details of all assignments.

Session	Date	Topics	Reading
1	17 January	Introduction to Web Development How the Web Works	(1) (2)
2	24 January	Our software development environment Introduction to HTML	3
3	31 January	Introduction to CSS <i>Project milestone 1 due</i>	4
	29 January	<i>Last day for schedule adjustments with tuition refund or to change to audit status</i>	
4	7 February	HTML Tables and Forms Web Media	5 6
5	14 February	Advanced CSS: Layout	7
6	21 February	JavaScript 1: Language Fundamentals <i>Project milestone 2 due</i>	8
7	28 February	JavaScript 2: Using JavaScript	9
	1 March	<i>Last day to apply for Spring graduation</i>	
8	7 March	JavaScript 3: Extending JavaScript with jQuery	10
	14 March	<b>Spring break – no class</b>	
9	21 March	<i>Mid-term Exam</i> Introduction to Server-Side Processing with PHP <i>Project milestone 3 due</i>	11
	24 March	<i>Last day to withdraw without grade penalty</i>	
10	28 March	Working with Databases	14
11	4 April	Accessibility Error Handling and Validation	Web 15
12	11 April	XML Processing and Web Services <i>Project milestone 4 due</i>	19
13	18 April	Content Management Systems Web Server Administration	21 22
14	25 April	Search Engines Social Networks and Analytics	23 24
15	2 May	<i>Project milestone 5: Project presentations</i> Final review	
16	9 May	<b>Final exam</b>	