



Prof.: Robert Shields; **Email:** rshields at shoreline dot edu; **Tel:** (206) 546-4773; **Web:** <http://shoreline.edu/rshields>
Office 1420 - **Hours:** see my web site or by appointment

Course Goals: Build web pages using HTML and CSS. Internet architecture, Internet connection options, FTP, Telnet, business issues, network protocols & addressing.

Prerequisites: CIS 105 or VCT 124 or instructor's permission. Student option grading.

Required Text: New Perspectives on HTML and XHTML: Comprehensive, 5th Ed. P. Carey
ISBN-10: 1-4239-2546-7 or ISBN-13: 978-1-4239-2546-0

Required supplies: (a) USB drive (b) a 2nd USB drive for backups (c) Pencil (d) <4 Scantron forms for tests.

To master the material in this class, study all assigned sections in the text and complete the Self-Check Problems and Exercises for each. Assignments must be done solo, that is, individually, without help from any other people or sources unless I clearly specify that must be completed in teams and then only with members of this class. Work assigned to a team must be turned in as one copy and include typed/printed names for all team member to receive points for the work. The point of team exercises is to work together, at the same time and place on the exercises, not split up the problems and combine afterwards. Not all material will be in the text.

I may use or grade questions/exercises that statistically partially sample the material covered and may use or grade different portions for different students. I may use web based tools such as Blackboard
Check the web or ask me for any clarification or details on team/solo requirements for each assignment.

Grades: Weighted grading is used for this class:

Activity	Expect	Style	Weight
Solo Exams	2 or 3	Objective and hands-on parts about week 3, 8, and 10	10+15+25=50%
SOLO Projects	10-11	SOLO Projects must be done alone. You may not communicate about them with anyone but the instructor.	30%
team exercises & quizzes	weekly	Objective and hands-on quiz parts. For full credit, team exercises must be done by all members of the team	20%

Late Work: will not be accepted or graded. Your lowest solo project/homework score will be dropped. You cannot re-do or resubmit changed work for re-grading.

Grades: Your overall earned percentage grade will be converted to the 4.0 scale in the following way. For earning the percentage listed, you will get at least the corresponding grade shown here.

90%: at least 3.5	85%: at least 3.0	80%: at least 2.5
75%: at least 2.0	70%: at least 1.5	60%: at least 0.7

Grades of H, I, N, NC, P, V and Z will be assigned in accordance with SCC Policy (see the college web site for details). The P (Pass) grade cannot be assigned for averages below 2.0 (75%).

The instructor may use or grade questions/exercises that statistically partially sample the material covered and may use or grade different portions for different students. We may use web based tools such as Blackboard. Check the web site or ask me for any clarification or details on team/solo requirements for each assignment.

1. **Collaborative learning:** You will be accountable for learning, helping others to learn and presenting what you have learned in both group and individual activities. You will also be accountable for evaluating what you hear from others in your class.
 - a. Before doing any collaboration, contact me if you are unclear if collaboration is allowed or required.
 - b. Study groups are helpful when learning. Respect the ideas, time and property of others.
2. **Solo assignments** You must do **all solo work** such as assignments, quizzes, tests, etc., **on your own**. Unless my instructions specify otherwise assume solo work. **If any assignments look too similar to me, they will receive 0 credit.** See SCC Policy 5030 for details on Academic Honesty.
3. **Accommodation:** If you are a student with a special need or condition that might affect your performance or participation in this class, please let me know during the first week of class so that we can work together for your success. Students with disabilities who have accommodation needs are required to meet with Services for Students with Disabilities program staff to establish their eligibility for accommodation. All such information is kept private. Examples of accommodations include using sign language interpreters or recording class sessions. (Visit the college website for more information.)
4. **To succeed:** You will need
 - a. Time and determination to work. You must commit about as much time as you would for a calculus class (ask previous students of this class.) Plan to spend an average of 1 to 5 hours out of class for every credit: this means 5-25 hrs/week per 5 credit course.
 - b. Willingness to experiment and ask questions.
 - c. Strategies to organize files, handouts, tests, homework, and notes and to avoid catastrophic lost papers or files (BACKUP your work!)
5. **To excel:** You must get to class, on time. Listen, Contribute, and Take notes.
 - a. Complete assigned reading before class starts, do the assignments on time
 - b. Ask questions: they are free; your grade is based entirely on your earned assignment and test scores.
6. **Get help:** Don't wait. Ask questions. Come to office hours; ask for an appointment; my hours are usually flexible.
 - a. If you can't keep up with the class, see me early. There is assistance for "learning blocks" and other situations.
 - b. If you have special needs (such as, a reading problem), inform me so we can be sure you are getting the best help.
7. The Writing & Learning Studio provides free instructional resources for students working on essays, research papers, etc.
8. **Attendance:** -- I expect you to attend every class.
 - a. You are responsible for all information given in your class, including any change of schedule or assignments. I do not take notes on every question raised and answered in class. You should exchange email addresses and phone numbers with other students in case you miss a class.
 - b. If you suffer a disruption during the quarter, notify your instructors immediately. You can ask the Advising/Counseling Center to contact us for you. The sooner we know, the more likely we can help you to work around the problem.
 - c. As soon as you find you cannot complete this course, contact me to minimize your cost (financial, academic & emotional).
9. **Tests and assignments:** Plan ahead and ensure that the computer prints your name on all hardcopy.
 - a. You may receive partial credit for reasonable work, if I can read it. You may use the back of test pages
 - b. Save all returned work. I may need to see it again to record your grade.
10. **Assignments** are due at the time and date published or stated in class.
 - a. Each assignment will have a due date and time. Late work will not be accepted except by prior arrangement.
 - b. Use 8-1/2 x 11 inch paper (with no "fringe") for all work handed in.
 - c. Does NOT use cover sheets or binders for assignments or projects; just staple the required pages together, in order, clearly identified. Points may be deducted for submitting other pages (please read the directions & save oil & trees).
 - d. Code must be formatted and commented clearly. Style requirements and details will be explained in class.
 - e. Follow all specifications included with each assignment.
11. **In-class test(s)** are due at the end of class on the published day. See the late work policy.
12. **Quizzes** may be given anytime. **Quizzes** are due at the time announced. Late or make-up quizzes will not be accepted.
13. **Class Rules:** Do not use cell phones or pagers during class or exams, and turn off audible signals!
 - a. In class, you may only use computers for purposes appropriate to the current class topics—NOT email, surfing, chatting, instant messaging, etc.
 - b. Do not print during any class or test session without permission from the instructor.
14. **Prohibited in the computer labs** by law, school, department or instructor policy:
 - i. Smoking, drinking, or eating. Children and pets, no matter how cute.
 - ii. Duplication of material protected by the US Copyright Law
 - iii. Playing or down loading games
 - iv. Viewing or downloading pornographic or sexually offensive material
15. To protect individuals with **chemical sensitivities**, you must not wear any fragrance or perfume in (class) rooms.
16. **Weather:** Check the college web-site (<http://www.shoreline.edu/>) or phone message (206-546-4101) or KIRO, KING or KOMO radio and television stations. If Shoreline Community College is not mentioned, assume it is open. Shoreline Community College is not the same as Shoreline Public School District. In any case, follow our schedule to prepare for class even if the campus is closed.
17. **Escape clause:** I will change classroom procedures and requirements if needed to reach the course goals. If I can answer questions in class I will. For questions beyond our scope or on past topics you may need to wait for time out of class.
18. **Misc:** You may be able to use an outside computer to produce work. You must be familiar with the hardware/software in class for quizzes/tests. If use of outside equipment causes minor variations in output, explain in a note on each item. You must get prior permission to use different software for assignments. It may present enhanced learning or may cause problems.
19. All storage devices must be labeled with your name and contact identification and include a plain text file named "ownerInfo.TXT" in the root directory containing your name and email, phone or other contact information.

Read the syllabus details above, they apply to this class.

Check on my web site (<http://www.shoreline.edu/rshields/>) daily for changes to this schedule.

All reading and work is due by the time class starts (or time specified below) on the day listed.

Tutorial **means** chapter in this text book. Read assigned material before class and submit work by start of class.

Apx. = Appendix in the text book. **p.** = page number or numbers in the text book.

SC = Self-Check Problems. **EX** = Exercises. **PP** = Programming Projects.

Do **NOT** email object code or .class files for any programs, only mail properly named .htm, .java or .txt files.

TE = Team Exercises – these must include all member’s full names and the date and exercise numbers.

Unless specified otherwise below, submit all TE work together by noon Fri. of the week it is assigned.

SP = Solo Project. Put SP code on ada and email me by due time/date. Work must be submitted **by the start of class on the day listed to earn full credit** unless otherwise noted. Late work is discounted 30%.

web = research **before the day listed**. For each topic, you must email a 1-sentence summary and 2 non-Wikipedia URL references. You may consult Wikipedia; but, must find and submit at least 2 other sources.

Before class: Read the syllabus and additional syllabus details; get the required text book. Get notepad++, textwrangler for the MAC or [jgrasp](#) , visit the textbook [web site](#) and get power point slides & source files.

Unless otherwise noted all tutorial and case work is due by noon (before class) on the day listed below.

w e e k	date	Monday each exercise listed below is due by noon, before class starts on this day	Tuesday SP a one line summary + 2 URL's for each web topic below due by noon	Wednesday each exercise listed below is due by noon, before class starts on this day	Thursday due by noon	Friday due by noon
1	3- Jan	Introductions; TE1 get template to list both names; If time we'll watch winscp. Before Tues. email Syllabus Quiz answers.	web1. SSH client web2. putty web3. Winscp Convert all html files to xhtml; see p. 12.	tutorial 1: web page SP1-dave pp.1-49 due before class starts In class TE1 set both passwords and web folders on ada	TE1 review 1- basic pp.50-51 due by noon	SP1 case1- Euler p.52-3
2	10- Jan	Use an xhtml validator instead of html tutorial 9: XHTML SP2 - works pp.525-554 due by noon	web1. valid xhtml web 2. W3C CSS validation web 3. W3C xhtml validation	TE2 review 1 fountain p. 555 due by noon Search the w3c tag and attribute lists & tutorials for any terms you need.	TE2 make a valid copy of review 1- basic pp.50 by noon	SP2 make a valid copy of tutorial 1- dave due by noon
3	17- Jan	Monday MLK Holiday	Starting next week, you must validate all your work and put links to it on your ada home page	Exam 1: tutorial 1 + 9	All work you post must include valid logos & links.	web1. Usability web2. accessibilit y
4	24- Jan	See p. 550 to do valid p 99. tutorial 2: web site SP4- home, tips, glossary pp.61- 107	web1. Hexadecimal (hex) web2. html color TE4 review	web site organization	TE4 case 1-higherEd	SP4 case 2-fiddler due by noon

week	date	Monday each exercise listed below is due by noon, before class starts on this day	Tuesday SP a one line summary + 2 URL's for each web topic below due by noon	Wednesday each exercise listed below is due by noon, before class starts on this day	Thursday due by noon	Friday due by noon
5	31-Jan	Tutorial 3: CSS SP5 pp. 121-185 (replace apostrophe on line 54 with single quote {above ? })	web1. Virus web2. Spyware web3. malware TE5 review by noon	cascading	TE5 case 1	SP5 case 2
6	7-Feb	tutorial 4: CSS special effects SP6-start pp. 199-265	web1. safe & free hosting for forms web2. Firewall web3. Firesheep web4. ssl TE6 review by noon	selectors, classes, positioning	TE6 case 1	SP6 case 2
7	14-Feb	SP7A make DRAFT1 cis140 page with links & content areas & external css that meets QM standards 1.1,1.2, 2.1,3.1, 3.2, 3.3, 6.3, 6.4,7.1, 8.1, 8.2,8.3	web1. Usability laws web2. Evaluation tools web3. Jacob Nielsen (useit.com)	TE build alternative DRAFT2 cis140 page with links and content areas using external css that meets QM standards 1.1,1.2, 2.1,3.1, 3.2, 3.3, 6.3, 6.4,7.1, 8.1, 8.2,8.3	TE7 do usability test to compare DRAFT 1 & DRAFT 2 on 5 or more tasks	SP7B Apply usability test results to build DRAFT3
8	21-Feb	Monday Pres. Holiday		Exam 2: tutorial 1-4 + 9 + usability. You may use a 3x5 card of notes.	web1. social engineering web2. cross-site scripting	
9	28-Feb	tutorial 5: Tables SP9- schedule pp.271-331	web1. Privacy web2. Copyright web3. https TE10 review morning programs	rows, cols, spans, spacing and padding	TE9 case 1 sudoku jpf stable	SP9 case 2 feb calendar ccc
10	7-Mar	tutorial 6:Forms SP10-donations pp.345-94	web1. file download speed SP or TE10 review lighthouse volunteer forms	10+(5 or 6) input types, buttons, hidden fields	Cancel TE10 case 1 subscription sform	Cancel SP10 case 2 cwquiz qform
11	14-Mar	last class day: review	Prep day	11:30am Final Exam:1-6,9 You may use a 3x5 card of notes.		