Syllabus
CISW 370: Designing Accessible Web Sites
Sacramento City College – Spring 2012

Course Code: 18749
Class: March 13 – May 10, Online
Instructor: Professor Janelle Pettler
Email: pettlej@scc.losrios.edu
Prerequisite: CISW 320 or 323 with a grade of "C" or better; or equivalent experience. Advisory:
Prior experience designing Web pages with any markup language, such as hypertext markup language (HTML)

Units: 1
Hours: 18 hours LEC
Office Hours: Tuesdays, 7:30-8:30pm, Online

Catalogue Description:
This course provides an overview of the methods that are used to design Web sites for people with disabilities. Current legal requirements for accessible Web sites, especially the Americans with Disabilities Act (ADA) are emphasized.

This course is transferable to CSU.

Course Objectives:
As a result of taking this course, a student should be able to:
- Describe the current legal requirements for designing Web sites for people with disabilities.
- Evaluate the accessibility levels of various types of Web sites.
- Formulate coding strategies for generating accessible Web sites.
- Interpret accessibility standards and guidelines such as the Web Accessibility Initiative (WAI).
- Locate disability and Web accessibility resources.
- Test specialized browsers and other Internet software for people with disabilities.

Course Requirements:
This syllabus is considered a contract between you and the professor. It includes the "rules" for taking the course, including the professor's expectations of your performance and behavior during the course. In return, the professor will honor the specifications of the course as outlined in this syllabus.

Students with Disabilities
Students with documented disabilities will be given reasonable accommodations. Contact the Disabilities Resource Center at (916) 558-2283 for more information. Documentation must be provided to your instructor in the first week of class.
What you need to take this course:

1. **Textbook:** Web Accessibility: Web Standards and Regulatory Compliance by Christian Heilmann and Jim Thatcher [ISBN: 9781590596388]. It is on reserve in the library and can be checked out for 2 hours at a time.

2. You must have **access to a computer that connects to the Internet.** The course materials are only accessible online by logging in to [http://d2l.losrios.edu](http://d2l.losrios.edu) - your student identification number is required. If you do not own a computer, the computer labs on campus will be open during this semester.

3. You must have a **working e-mail account.** Please be sure to sign each email with your first and last name.

4. Please **check your e-mail account regularly** throughout the semester. Official announcements will be made by e-mail, and on the course Web site at [http://d2l.losrios.edu](http://d2l.losrios.edu).

5. You are responsible for saving all assignments correctly, so you can turn them in electronically. You should be comfortable using word processing software, and have reasonable keyboarding skills. All assignments will REQUIRE you to use word processing or text editing software. No assignments will be accepted in handwritten form.

6. **Supplies:** You will be given the username and password to a temporary account on the CIS Web server to use while you are taking this course. Details on how to access your account are in D2L under Content Outline > Course Information > Student Web Account Info. Although you will be publishing (uploading) your assignments, it's a good idea to keep copies of everything.

**Academic Honesty:**

*Academic honesty is expected.* You are expected to do your own work. Any cheating or plagiarism will be referred to the Business Division Dean and Campus Discipline Officer for appropriate action. For more information, please see the Student Honor Code available online at [http://www.scc.losrios.edu/~matric/guide/stuconduct.html](http://www.scc.losrios.edu/~matric/guide/stuconduct.html).

**Method of Evaluation (210 points):**

Your grade for the course will be determined by the percentage of possible points that you have earned for all assignments, and letter grades will be awarded according to these standards:

<table>
<thead>
<tr>
<th>Percent</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>90% - 100%</td>
<td>A</td>
</tr>
<tr>
<td>80% - 89%</td>
<td>B</td>
</tr>
<tr>
<td>70% - 79%</td>
<td>C</td>
</tr>
<tr>
<td>60% - 69%</td>
<td>D</td>
</tr>
<tr>
<td>0 - 59%</td>
<td>F</td>
</tr>
</tbody>
</table>

**Attendance Policy:**

*The class orientation is mandatory.* You will be dropped from the course if you do not attend the orientation, unless previous arrangements with the instructor are made prior to the beginning of the
class. You are responsible for all material covered and all assignments given, regardless of personal illness, family emergency, or computer system failures.

Although this is an online course, it is not self-paced. Reasonable deadlines have been set to insure that you have adequate time to complete all assignments within the current session. Active participation in this class is required. Anyone who misses two due dates in a row, without communicating with the instructor prior to the due date, will be withdrawn from the course by the instructor.

Each new week’s lecture will be released in D2L every Sunday morning. Plan on logging into D2L at this time to see what is expected from you for the week so you can plan accordingly.

Late Policy
All assignments will be due by midnight on the announced due date. Please submit your assignments on time. If you do, you will be given one week to correct any errors and earn full credit.

Late penalties will be applied as follows:
-5% for each day the assignment is submitted past the due date
Up to -25% maximum penalty; homework will not be accepted more than 5 days after due date
NO opportunity to correct errors and earn full credit

It is your responsibility to inform the instructor when you submit late homework or when any corrections have been made to your homework.

Course Structure
Week 1: Introduction to Web Accessibility – What is Web Accessibility?
Week 2: Exploring Web Accessibility Barriers – What is it like to access the web with a disability?
Week 3: Intro to the WCAG 2.0 (Web Content Accessibility Guidelines) and POUR websites - Perceivable Guidelines
Week 4: Perceivable Guidelines (contd)
Week 5: Spring Break
Week 6: Perceivable Guidelines (contd)
Week 7: Perceivable Guidelines (contd) and Operable Guidelines
Week 8: Understandable and Robust Guidelines & Accessibility Evaluation Tools
Week 9: Final Project
## CISW 370 Class Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Lecture</th>
<th>Homework</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Week 1</td>
<td>Introduction to Web Accessibility</td>
<td>Quiz in D2L</td>
<td>20</td>
</tr>
<tr>
<td>Due: Monday, Mar 19</td>
<td></td>
<td>Pages in Student Web Account</td>
<td>10</td>
</tr>
<tr>
<td>Week 2</td>
<td>Exploring Barriers</td>
<td>Hands-On Exploration and Discussion Posts</td>
<td>25</td>
</tr>
<tr>
<td>Due: Sunday, Mar 25</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Week 3</td>
<td>Intro to WCAG 2.0</td>
<td>Accessible Images</td>
<td>15</td>
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<tr>
<td>Due: Sunday, April 1</td>
<td></td>
<td></td>
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<tr>
<td>Week 4</td>
<td>WCAG: Perceivable</td>
<td>Accessible Forms</td>
<td>20</td>
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<tr>
<td>Due: Sunday, April 8</td>
<td></td>
<td>BONUS</td>
<td>3</td>
</tr>
<tr>
<td>Week 5</td>
<td>Spring Break!</td>
<td>NONE</td>
<td></td>
</tr>
<tr>
<td>Week 6</td>
<td>WCAG: Perceivable (contd)</td>
<td>Linearizing a Web Page</td>
<td>10</td>
</tr>
<tr>
<td>Due: Sunday, April 22</td>
<td></td>
<td>Accessible Tables</td>
<td>15</td>
</tr>
<tr>
<td>Week 7</td>
<td>WCAG 2.0: Perceivable (contd) and Operable</td>
<td>Skip Navigation Links</td>
<td>15</td>
</tr>
<tr>
<td>Due: Sunday, April 29</td>
<td></td>
<td>Text and Background Color Contrast</td>
<td>10</td>
</tr>
<tr>
<td>Week 8</td>
<td>WCAG 2.0: Understandable, Robust and Accessibility Evaluation Tools</td>
<td>Using Accessibility Evaluation Tools</td>
<td>20</td>
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<tr>
<td>Due: Sunday, May 6</td>
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<tr>
<td>Week 9</td>
<td>Final</td>
<td>Final Project</td>
<td>50</td>
</tr>
<tr>
<td>Due: Thursday, May 10</td>
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<td></td>
<td></td>
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<tr>
<td><strong>Total Possible Points</strong></td>
<td></td>
<td></td>
<td><strong>210</strong></td>
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</table>

### To Access the Course in D2L
1. Go to: http://d2l.losrios.edu
2. Follow login directions on the page.
3. Click on Sp12 - CISW370 - Pettler

Note: If you are having a hard time seeing content in D2L, use the Firefox browser instead of Internet Explorer.