Reedley College

Fall 2018

August 13, 2018 – December 14, 2018

# Course Information

* This course is Information Systems 40A Section #52302 Web Development with HTML and CSS.
* This class is in-person, with online quizzes on Canvas

# Instructor Information

The Instructor is Joel Perez, BA

Please use the Canvas Inbox tool to communicate with the Instructor.

In addition, you can e-mail him at joel.perez@reedleycollege.edu.

You can also call him at 661-912-9755 (if no answer, leave a detailed message).

In order to meet with the Instructor, use the Canvas Inbox or e-mail to communicate with him.

# Textbook and Materials

* The textbook for this class is HTML 5 and CSS 3 (Complete) Author: Vodnik, Sasha. ISBN-13: 978-1305394049. Publisher: Cengage.
* Getbootstrap.com
* You will need text editor software. If you have a Windows computer use Atom.io or Notepad ++. If you are using a MAC computer use Atom.io or Sublime Text. There is more information on this on Canvas.
* You will need reliable internet access.
* You will need a reliable computer.

# Course Description

This course provides a hands-on introduction to the Internet and World Wide Web. The course includes the hypertext markup language (HTML), the use of web page editors, creating Web pages, hardware and software setup requirements, the use of the Internet for research and business, ethical and security issues.

Much in the Information Systems industry requires a great deal of attention to detail and critical thinking skills to succeed, therefore much in this course will require you to demonstrate attention to detail and the ability to read and understand instructions.

# Course Learning Objectives

* Recognize networks, the Internet and World Wide Web (WWW).
* Recognize the hardware and software needs for connecting to the Internet.
* Access the Internet and the WWW using browsers, and FTP.
* Demonstrate the ability to retrieve and post Usenet messages.
* Demonstrate the ability to compose and send email.
* Recognize the Internet communication tools.
* Be familiar with conducting search procedures utilizing search engines and directories.
* Explore Uniform Resource Locators (URLs) to access Web Pages.
* Identify, evaluate and analyze Internet information for research purposes.
* Explore web page design analysis, evaluation, and critiquing.
* Practice using HTML coding to create web pages.
* Practice using web page editors to create web pages.
* Demonstrate the ability to use FTP to post web pages.
* Explore ethical decisions about the use of information from electronic media.
* Determine Internet-related security issues.

# Course Learning Outcomes

* Differentiate between network, the Internet and the World Wide Web.
* Connect computer hardware to the Internet.
* Browse to access web sites.
* Create and send email.
* Perform topic searches on the Internet.
* Differentiate the types of activities on the Internet.
* Recognize the components of a web site.
* Recognize the coding formats in web page design.
* Create a web site using HTML.
* Create a web site using a web editor.
* Evaluate web sites for any ethical concerns.
* Recognize basic security concerns with creating a web site.

# Learning Methods

* Required reading from presentations and documents found on Canvas or the book
* Videos
* Canvas Quizzes
* Hands-on projects (lab work)
* Final Project

# Attendance

I will drop you if you haven’t submitted the 1st weeks’ work, even if you logged into Canvas during the first 2 weeks. I drop you if you haven’t submitted work for 2 weeks in a row or if you haven’t logged into Canvas for two weeks.

# Readings, Assignments, Hands on Projects, and Exams

Students are required to complete assignments, hands-on projects, and exams on their own. In other words, you may not collaborate with fellow students.

All examinations must be completed individually. Collaborative work will not be allowed during examinations. The use of books, notes, cell phones, and other electronic devices will not be allowed during examinations, unless specifically stated by the instructor prior to the examination. Make up examinations, assignments, and hands-on projects are only granted with advanced notification.

Late work will not be accepted. If a student fails to submit an assignment or project on the day that it is due then the student will lose points for that project. No excuses will be accepted.

The mottos for this class are: No late work accepted! Absolutely no excuses will be accepted! Don’t procrastinate!

# Due Dates

In-Class Assignments are due at the end of each class and are worth 20 points each.

Weekly Quizzes will be available on Canvas every Friday at noon and will be due on Wednesdays by 11:59pm. Each quiz will be worth 10 points each.

Midterm must be submitted on 10/4/18 by 11:59pm to be accepted. No late midterms will be accepted.

Final Portfolio Project will be presented to the class on 12/6/18.

# Outcomes Assessment (approximately)

| **Assignments** | **Points** |
| --- | --- |
| In-Class Assignments | 260 |
| Weekly Quizzes (on Canvas) | 120 |
| Midterm Landing Page Project | 100 |
| Final Portfolio Project | 200 |

Table 1Outcomes Assessment

The total points for this class are 680 points.

Grading Scale: 90-100%=A, 80-89%=B, 70-79%=C, 60-69%=D, <60%=F

# Drop Dates

* Friday, August 24th, for a refund
* Friday, August 31st, to avoid a “W” (in person)
* Sunday, September 2nd, to avoid a “W” (on Web Advisor)
* Friday, September 14th, to avoid a “Letter Grade”

It’s each student’s responsibility to drop the class if they are no longer attending or no longer interested, otherwise they risk obtaining a grade of “F” in the class.

# Policies

Campus code requires that shoes or sandals and appropriate attire be worn at all times on campus. Eating, drinking, and smoking are not allowed in the classroom or computer labs. Cell phones must be turned off or in the silence/vibrating mode while class is in session. If you need to use your cell phone (to make/receive a call or to send a text message) please go outside of the classroom. No visitors are allowed while class is in session. A student will be subject to discipline if she or he:

* Prevents other students from pursuing their authorized curricular or co-curricular interests.
* Interferes with or disputes faculty and administrators who are fulfilling their professional responsibilities.
* Prevents classified employees from fulfilling their prescribed duties.
* Deliberately endangers the safety of persons or the security of college property.
* Violates Reedley College computers and networks usage policy.
* Violates Reedley College cheating/plagiarism policy.

# Accommodations

If you have a verified need for an academic accommodation or materials in alternate media (i.e. Braille, large print, electronic text, etc...) per the Americans with Disabilities Act or Section 504 of the Rehabilitation Act, please contact the instructor as soon as possible.

# Cheating

Cheating is the act or attempted act of taking an examination or performing an assigned, evaluated task in a fraudulent or deceptive manner such as having improper access to answers, in an attempt to gain an unearned academic advantage. Cheating may include, but is not limited to, copying from another’s work, supplying one’s work to another, giving or receiving copies of examinations without an instructor’s permission, using or displaying notes or devices inappropriate to the conditions of the examination, allowing someone other than the officially enrolled student to represent the student, or failing to disclose research results completely.

Incidents of cheating may result in any of a variety of sanctions and penalties, which may range from a failing grade on a particular examination, assignment, or hands-on project in question to a failing grade in the course, at the discretion of the instructor and depending on the severity and frequency of the incidents.

# Class Schedule

The class schedule is subject to change based on progress and concepts able to be covered in class.

| **Week #** | **Week of** | **Topic** | **Assignments** |
| --- | --- | --- | --- |
| 1 | 8/16/18 | Syllabus review  Class Introductions  Intro to Text Editor | Read and Review Pages 1 – 15, 27 – 43  Practice Test, Email project |
| 2 | 8/23/18 | Basic HTML tags  (head section, body section, attributes, html structure, comments)  Project Directory Structure | Read and Review Pages 55 – 73  Quiz 1 |
| 3 | 8/30/18 | Getting started with CSS (understanding selectors, class selectors, multiple selectors), Inserting and Working with Links | Read and Review Pages 83 – 101, 139 – 145  Quiz 2 |
| 4 | 9/6/18 | Laying out Elements with CSS (box model, width & borders, margins & padding, float & clear, positioning) | Read and Review Pages 109 – 127, and 169 –177  Quiz 3 |
| 5 | 9/13/18 | Formatting Text with CSS (Google Fonts, Fontawesome), Inserting and Working with Images | Read and Review Pages 201 – 217  Quiz 4 |
| 6 | 9/20/18 | Organizing and Working with List, Creating a Main Navigation | Read and Review Pages 233 – 237  Start working on Midterm  Quiz 5 |
| 7 | 9/27/18 | Implementing Responsive Design  Work on Midterm Landing Page in Class | Work on your Midterm Landing Page  No Quiz |
| 8 | 10/4/18 | Midterm Due | Quiz 6 |
| 9 | 10/11/18 | Intro to Bootstrap  Getting Started with a framework | Read and Review Layout and Content documentation from the getbootstrap.com website  Quiz 7 |
| 10 | 10/18/18 | Bootstrap Components | Read and Review Components documentation from the getbootstrap.com website  Quiz 8 |
| 11 | 10/25/18 | Bootstrap Components Continued | Read and Review Components documentation from the getbootstrap.com website  Quiz 9 |
| 12 | 11/1/18 | Bootstrap Utilities | Read and Review Utilities documentation from the getbootstrap.com website  Quiz 10 |
| 13 | 11/8/18 | Optimizing Images for the Web using Photoshop, Creating a Wireframe for a Portfolio | Read and Review Pages 405 – 421  Quiz 11 |
| 14 | 11/15/18 | Uploading your files to a server using FTP | Read and Review Pages Appendix C-1 to C-9  Quiz 12 |
| 15 | 11/22/18 | (Thanksgiving Day)  Portfolio project | Portfolio project  No Quiz |
| 16 | 11/29/18 | Portfolio project (continued) | Portfolio project (continued)  No Quiz |
| 17 | 12/6/18 | Portfolio Project Presentations | None |
| 18 | 12/13/17 | Check your grade. | Let me know if you have any questions. |

Table 2Class Schedule