Course Syllabus

SYLLABUS INFO 5814 - SUMMER 2020

Please note that this is a 5-week summer course; thus, it will move at a very quick and rigorous pace.

Website Development

Instructor: Tyson McMillan, Ph.D.

Adjunct Faculty, College of Information Doctoral Alumnus (2013)

Department of Information Science

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Course Content Development Credit: Guillermo Oyarce, Ph.D.

The instructor checks emails often. Feel free to email anytime you may have questions.

Americans with Disabilities Act Compliance Statement

Anyone with a disability that will require accommodation under the terms of federal regulations must present a written accommodation request to the instructor within eleven days after the first class session. Copies of the School's ADA Compliance Policy, ADA Policy on Auxiliary Aids and Reasonable Accommodation, and ADA Grievance Procedures are available through the main office of the School of Library and Information Sciences (ISB 205; telephone 940-565-2445). It is also recommended that you register with the Office of Disability Accommodation (University Union 318A, telephone 940-565-4323).

Course Description

This course will introduce the student to the theoretical and practical frameworks necessary to manage Web development projects in enterprise and library environments. Special attention will be given to design, information architecture, Internet technologies, and their evaluation. Students will be expected to participate in online discussions in addition to completing tutorials, assessments, and a term paper.

As a student in this course, you will learn the most important topics of Web Design. First, you will learn to use HTML tags to create Web pages and using styles to format pages. Next, you will learn to use CSS to format across multiple pages. You will then go on to explore graphics and using links. Finally, you will cover creating tables, forms, and frames.

Foundational concepts in HTML and CSS are explored.

Upon completion of this course, students will be able to:

- Explain the Basic Technological Framework of the World Wide Web
- Articulate good design Practice
- Describe and differentiate Information Architectures
- Effectively Manage and Guide the Web Development Process
- Explain the Legal and Ethical Considerations of Web-based Content
- Quantifiably evaluate the efficacy of any Website

Time Zone of Due Dates

Note: Central Standard Time Zone will be the official time zone of due dates in the course.

5-week Compressed Summer Time (if applicable)

Please note that in a summer 5-week course, this means that 16-weeks of materials will be delivered over this compressed time. The course will require daily engagement.

Text/Materials

Required Text: HTML & CSS: Design and Build Web Sites | Edition: 1st, by Jon Duckett, ISBN13: 978-1118008188 ISBN10: 1118008189 (Note: the bookstore lists 11th as the edition, it is rather 1st).

Note: The textbook is one of several resources that we will refer to in the course. Students may be required to do research beyond the scope of the current textbook and/or to refer to other resources as designated by the teacher or as found through research. Feel free to also look ahead in the textbook to explore more advanced topics such as Cascading Style Sheets (CSS). One such free website that he course often refers to is https://www.w3schools.com/. (https://www.w3schools.com/)

Software

You need to download an FTP client for Mac or PC to work on the assignments. Instructions are located in the "Submission Instructions" folder in Canvas. Please follow the instructions carefully and **report to** the instructor any issues you may be having with the downloading/FTP process before Assignment 1 is due.

Submission Instructions / Publishing to Class Live Web Server

 Be sure that you have emailed Dr. Tyson McMillan for instructions on how to connect to our new class live web server.

tysonmcmillan@my.unt.edu

The above procedure is essential to being able to publish your Assignments and Final Project web pages.

- Afterward, be sure to email Dr. Tyson McMillan your proposed topic for your Final Project.
- Keep moving forward in reading book chapters, chapter PowerPoints, and completing the chapter quizzes.

Zip File (Compress) Homework Files

Canvas upload does not like a .html file. It does, however, work well with .zip files; thus, kindly upload the .zip of your work to me instead.

As you work on your Assignments, it is a good idea to have a folder structure for all of your .html, images, and media i.e.

Assignment1 McMillan

Assignment1 McMIllan.html

Myimage.jpg

. . .

Compress/Zip the top-level folder creating a file called: Assignent1 McMillan.zip

Close all files before zipping.

Windows Zip instructions: https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) - (https://support.microsoft.com/en-us/help/14200/windows-compress-zip-files) - (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) - (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) - (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) illes (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) illes (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files) illes (https://support.microsoft.com/en-us/help/14200/windows-compress-uncompress-zip-files)

Mac Zip Instructions: http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/ (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) - (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) in

(http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) - (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) mac (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) - (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) os (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/) x (http://osxdaily.com/2012/01/10/how-to-zip-files-in-mac-os-x/)

Context on Assignment Submission Process

The zip file is to be uploaded to Canvas only; it serves as a backup for grading.

However, your individual HTML and image files should be uploaded to the server without being zipped.

See my video here for the general process on Mac:

https://www.dropbox.com/s/nu81417arpgtzmz/Dr_T_HowtoFTPonMac.mp4?dl=0 (https://www.dropbox.com/s/nu81417arpgtzmz/Dr_T_HowtoFTPonMac.mp4?dl=0)

The following tutorial covers Windows well:

How to Use FileZilla (FTP Tutorial) (https://www.youtube.com/watch?v=adxmlHDim6c)



(https://www.youtube.com/watch?v=adxmIHDim6c)

Be sure to refer to my connection instruction for passwords, and the XML file with pre-configured server information.

The uploading creates the live URL per the pattern in the homework instructions. If the upload was successful, the live URL can be successfully clicked. Keep in mind that I grade primarily from the live URL, and from the zip file as a backup.

General Guides to CSS Alignment and CSS Menus

Several assignments will require the alignment of various aspects of your page. Here is a general guide to alignment using CSS:

https://www.w3schools.com/css/css_align.asp__(https://www.w3schools.com/css/css_align.asp)

CSS and Buttons:

https://www.w3schools.com/css/css3_buttons.asp (https://www.w3schools.com/css/css3_buttons.asp) Input button alignment: https://www.w3schools.com/tags/att_input_align.asp Look ahead to the following resource on using CSS to create a navigation menu:

https://www.w3schools.com/css/css_navbar.asp__(https://www.w3schools.com/css/css_navbar.asp)

Calendar

For the latest information regarding relevant course due dates, please refer to the **Calendar** in our class menu within the learning management system. Note that these due dates are used to official gauge the extent of timely submission of assignments, projects, research papers, and quizzes in the course.

Modules

There is a total of 17 chapters/lessons/modules; these are located in the Modules folder on Canvas. Each chapter/lesson folder contains a powerpoint slide and a quiz that must be taken after going over the material in the powerpoint slides and the corresponding book chapter.

Grading

Quizzes (1300 points)

There will be a total of 17 quizzes (one for every chapter) located in the **Modules** folder on Canvas. Quizzes are multiple choice questions and can be taken twice. It is highly recommended to go over the powerpoint slides and the textbook before taking the quizzes. The dates in the schedule at the end of this syllabus are final. **There will be no time extensions on deadlines.**

- Research Paper (100 points)

Students will prepare a short research report that focuses on the **importance of information organization and web development maintenance**. Report requirements:

- Report length: A minimum of 750 to a maximum of 1000 word. Not including reference page.
- Comment also on Web Content Accessibility guidelines. Why are these important to website design?
 see: https://www.w3.org/WAI/intro/wcag
 (https://www.w3.org/WAI/intro/wcag)
- A minimum of three (3) scholarly resources is required.

Assignments (500 points)

A total of 5 assignments are required to complete the course. These assignments are a fundamental part of your final project. The purpose of these assignments is to demonstrate your knowledge covered in the chapters and to help you put together your final project.

Assignments are located in the **Assignments** folder on Canvas. Assignments will be submitted through Canvas. Please follow deadlines located at the end of the syllabus. Late assignments will be accepted with a penalty of 10 points off per day. Assignments submitted two days past the deadline will not be accepted and will not be graded.

Website Design Final Project (100 points)

Students will submit the topic of the website design project to Dr. McMillan at the following email address: tyson.mcmillan@my.unt.edu (mailto:tyson.mcmillan@munt.edu) by the posted deadline. Do not start working on the project or the assignments until your topic is approved by the instructor. The following are important guidelines students need to follow very closely for the final project:

- The project will be a 6-page minimum static website.
- 5 (five) of these pages correspond to the assignments required to complete the course.
- The last page will be added as part of the final project.
- Any suggestions made by the grader during the assignments need to be completed for the final project. Otherwise, points will be taken off.
- No HTML templates or the use of any other HTML or CSS framework such as bootstrap, materialize
 or others are not allowed.

Grading (Point Scale)

Research Paper 10	io pis	5.0 %
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Assignments (5 Assignments @ 100 points each) 500 pts 25.0 %

Quizzes (17 @ [points vary] each) 1300 pts 65.00 %

Final Project 100 pts 5.0 %

TOTAL 2000 pts 100 %

Point Allocations

Activity	Points
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Letter Grade, Number

A 90 - 100% of 2000 pts

B 80 - 89% of 2000 pts

C 70 - 79% of 2000 pts

D 60 - 69% of 2000 pts

F 59% or below of 2000 pts

Grade Distribution

Grade Points Required

A 1800 points and over

B 1600 points – 1799 points

C 1400 points - 1599 points

D 1200 points - 1399 points

F 0 points – 1199 points

Grading Scale:

This class will use the modified standard UNT grading System

A=90-100

B=80-89

C=70-79

D=60-69

F=59 and below

Teaching Methods

- 1. **Assignments:** Readings and online activities will be assigned to reinforce the material in the text. These assignments may require the application of various software packages.
- 2. **Incomplete:** Only with good sound reason, appropriate documentation, and in good standing with the course activities (e.g. passing grade).
- Contact Dr. McMillan directly to his Internet email address (<u>tysonmcmillan@my.unt.edu</u>) with questions about the course.
- Discussion and for the website design project by Dr. McMillan should take place using his Internet email address (<u>tysonmcmillan@my.unt.edu (mailto:tyson.mcmillan2@unt.edu)</u>). Please <u>do not</u> use Canvas message.

GOOD SUGGESTIONS

- 1. Follow the tutorials step by step, pay attention to every detail, even if you already know HTML. Remember that we trip easier on small pebbles, not in big rocks.
- 2. Late assignments will be accepted for up to 2 days but will receive 10 points off from its grade.
- 1. It is important that you resolve all the uploading/FTP issues by **the posted deadline**.

Student Conduct

Academic Misconduct

Get familiar with the UNT Policy Manual Code of Student Conduct and Discipline:

http://www.unt.edu/planning/UNT_Policy/volume3/18_1_11.html (http://www.unt.edu/planning/UNT_Policy/volume3/18_1_11.html). Two pertinent excerpts:

"Plagiarism and cheating refer to the use of unauthorized books, notes, or otherwise securing help in a test; copying tests, assignments, reports, or team papers; representing the work of others as one's own; collaborating, without authority, with another student during an examination or in preparing academic work; or otherwise participating scholastic dishonesty."

"Academic dishonesty matters may first be considered by the faculty member who may assign penalties such as failing, reduction or changing of a grade in a test, course, assignment, or other academic work, denial of a degree and/or performing additional academic work not required of other students in the course. If the student does not accept the decision of the faculty member, he/she may have his/her case

heard by the academic department chairperson or head for review of his/her case. If the student does not accept the decision of the academic department chairperson, he/she may then follow the normal appeal procedures listed in Disciplinary Procedures."

The School of Library and Information Sciences, University of North Texas has passed an "Academic Misconduct Policy" on April 15, 2005. All students should have signed the form "Student Acknowledgement of Academic Misconduct Policy" prior to enrollment in their SLIS course or as part of their application to the School. Below extracts are from the policy for your convenience.

The School of Library and Information Sciences (SLIS) expects all students to demonstrate both academic rigor and academic integrity. The purpose of this policy is to inform SLIS students of their responsibilities regarding the University of North Texas (UNT) Code of Student Conduct and Discipline and the procedures enforced by SLIS for cases of misconduct. The SLIS Academic Misconduct Policy is derived from the UNT Code, and some text in the SLIS policy is based on text in the Code.

The two categories of most relevance to SLIS are cheating and plagiarism. The UNT Code of Student Conduct and Discipline defines these in its categories of misconduct:

- 1. Acts of Dishonesty, including but not limited to:
- 2. Academic dishonesty cheating. The term "cheating" includes, but is not limited to:
- use of any unauthorized assistance in taking quizzes, tests, or examinations;
- dependence upon the aid of sources beyond those authorized by the instructor in writing papers, preparing reports, solving problems, or carrying out other assignments;
- the acquisition, without permission, of tests, notes or other academic material belonging to a faculty or staff member of the university;
- dual submission of a paper or project, or resubmission of a paper or project to a different class without express permission from the instructor(s).
- any other act designed to give a student an unfair advantage.
- 1. Academic dishonesty plagiarism. The term "plagiarism" includes, but is not limited to:
- the knowing or negligent use by paraphrase or direct quotation of the published or unpublished work of another person without full and clear acknowledgment and
- the knowing or negligent unacknowledged use of materials prepared by another person or by an agency engaged in the selling of term papers or other academic materials.

To address problems of academic integrity, SLIS has zero tolerance for violations of the SLIS Academic Misconduct Policy. The following apply:

- The SLIS Academic Misconduct Policy applies to any work submitted for SLIS courses or degree requirements, including the Capstone Experience.
- SLIS will retain students' signed statements acknowledging their understanding of the SLIS
 Academic Misconduct Policy. SLIS instructors will not accept students' claims that they were

unaware of SLIS and UNT policies, including definitions of forms of academic misconduct.

- SLIS instructors will follow UNT regulations for reporting suspected violations to UNT, imposing academic sanctions, and recording sanctions for violations.
- An academic sanction is a penalty imposed on a student for academic misconduct. Sanctions may range from reduction of a test or assignment grade to revocation of an academic degree.
- SLIS instructors retain the right to determine specific sanctions for their courses and to set additional policies and procedures that do not conflict with SLIS or UNT policies.
- Students who have received academic sanctions are not eligible for SLIS awards, honors, or other benefits.

ADA Compliance

Anyone with a disability that will require accommodation under the terms of federal regulations must present a written accommodation request to the instructor within eleven days after the first class session. Copies of the school's ADA Compliance Policy, ADA Policy on Auxiliary Aids and Reasonable Accommodation, and the ADA Grievance Procedures are available through the main office of the School of Library and Information Sciences (ISB 205, telephone 940-565-2445). It is also recommended that you register with the Office of Disability Accommodation (University Union 318A, telephone 940-565-4323).

Civility

While communication normally flows uneventfully during classes, this is a reminder to students that there are policies to protect interactions during classes. Lack of civility during online interactions is considered disruptive to the class. The behavior will not be tolerated and the instructor will respond appropriately to protect the flow of communications within the community. Please review:

http://www.unt.edu/csrr/student_conduct/misconduct.html (http://www.unt.edu/csrr/student_conduct/misconduct.html)

Schedule & Due Dates

Note: Central Standard Time Zone will be the official time zone of due dates in the course.

For the most accurate list of course due dates, see the <u>Canvas Course Calendar</u> button.

The course is designed by Dr. Tyson McMillan.

Click the Syllabus link in Canvas for the latest updated file. Printed files may not reflect the most up-todate information.

Course Summary:

Date Details

Date	Details
Tue Jul 7, 2020	Orientation and Introduction to the Course on discussion board (https://unt.instructure.com/calendar? 12am event_id=124063&include_contexts=course_31320)
	Read: Chapter 1: HTML Structure (https://unt.instructure.com/calendar? event_id=124095&include_contexts=course_31320) 12am
	Read: Chapter 2: HTML Text (https://unt.instructure.com/calendar? event_id=124093&include_contexts=course_31320) 12am
Wed Jul 8, 2020	Read: Chapter 3: Lists (https://unt.instructure.com/calendar? event_id=124092&include_contexts=course_31320) 12am
	Read: Chapter 4: Links (https://unt.instructure.com/calendar? event_id=124091&include_contexts=course_31320) 12am
	Read: Chapter 5: HTML Images (https://unt.instructure.com/calendar? event_id=124073&include_contexts=course_31320) 12am
	Quiz Chapter 1 (https://unt.instructure.com/courses/31320/assignments/574109) due by 11:59pm
	Quiz Chapter 2 (https://unt.instructure.com/courses/31320/assignments/574107) due by 11:59pm
Thu Jul 9, 2020	Quiz Chapter 3 (https://unt.instructure.com/courses/31320/assignments/574108) due by 11:59pm
	Quiz Chapter 4 (https://unt.instructure.com/courses/31320/assignments/574111) due by 11:59pm
	Quiz Chapter 5 (https://unt.instructure.com/courses/31320/assignments/574112) due by 11:59pm
Fri Jul 10, 2020	(if needed) Request FTP Access to class Live web server by emailing Dr. McMillan tysonmcmillan@my.unt.edu (https://unt.instructure.com/calendar? event_id=124094&include_contexts=course_31320)
	Zip Code Survey due by 11:59pm (https://unt.instructure.com/courses/31320/assignments/574110)
	Submission Instructions to do: 11:59pm
Sun Jul 12, 2020	Research Paper (https://unt.instructure.com/courses/31320/assignments/574134) due by 11:59pm
Mon Jul 13, 2020	Study CSS Session 1 (https://unt.instructure.com/calendar? event_id=124085&include_contexts=course_31320) 12am

Date	Details
	Read: Chapter 6: Tables (https://unt.instructure.com/calendar? event_id=124072&include_contexts=course_31320) 12am
Tue Jul 14, 2020	Read: Chapter 7: Forms (https://unt.instructure.com/calendar? event_id=124090&include_contexts=course_31320) 12am
	Read: Chapter 8: Extra Markup (https://unt.instructure.com/calendar? event_id=124089&include_contexts=course_31320)
	Read: Chapter 9: Flash, Video & Audio (https://unt.instructure.com/calendar? event_id=124088&include_contexts=course_31320)
	Read:Chapter 10: Introducing CSS (https://unt.instructure.com/calendar? event_id=124087&include_contexts=course_31320)
Thu Jul 16, 2020	Quiz Chapter 10 due by 11:59pm (https://unt.instructure.com/courses/31320/assignments/574121)
	Quiz Chapter 6 (https://unt.instructure.com/courses/31320/assignments/574118) due by 11:59pm
	Quiz Chapter 7 (https://unt.instructure.com/courses/31320/assignments/574120) due by 11:59pm
	Quiz Chapter 8 due by 11:59pm (https://unt.instructure.com/courses/31320/assignments/574114)
	Quiz Chapter 9 (https://unt.instructure.com/courses/31320/assignments/574124) due by 11:59pm
Fri Jul 17, 2020	Read: Chapter 11: Color (https://unt.instructure.com/calendar? event_id=124086&include_contexts=course_31320) 12am
Sat Jul 18, 2020	Topic for Final Project Due Date at 11:59 PM CST (https://unt.instructure.com/calendar? 12am event_id=124096&include_contexts=course_31320)
	Quiz Chapter 11 (https://unt.instructure.com/courses/31320/assignments/574119) due by 11:59pm
Sun Jul 19, 2020	Assignment 1 (https://unt.instructure.com/courses/31320/assignments/574127) due by 11:59pm

Date	Details
Mon Jul 20, 2020	Read: Chapter 12: Text (https://unt.instructure.com/calendar? event_id=124055&include_contexts=course_31320) 12am
	Read: Chapter 13: Boxes (https://unt.instructure.com/calendar? event_id=124054&include_contexts=course_31320) 12am
	Study CSS Session 2 (https://unt.instructure.com/calendar? event_id=124074&include_contexts=course_31320) 12am
Tue Jul 21, 2020	Quiz Chapter 12 due by 11:59pm (https://unt.instructure.com/courses/31320/assignments/574113)
Wed Jul 22, 2020	Quiz Chapter 13 (https://unt.instructure.com/courses/31320/assignments/574116) due by 11:59pm
Thu Jul 23, 2020	Read: Chapter 14: Lists, Tables & Forms (https://unt.instructure.com/calendar? 12am event_id=124056&include_contexts=course_31320)
	Read: Chapter 15: Layout (https://unt.instructure.com/calendar? event_id=124058&include_contexts=course_31320) 12am
Fri Jul 24, 2020	Quiz Chapter 14 (https://unt.instructure.com/courses/31320/assignments/574122) due by 11:59pm
	Quiz Chapter 15 (https://unt.instructure.com/courses/31320/assignments/574123) due by 11:59pm
Sun Jul 26, 2020	Assignment 2 (https://unt.instructure.com/courses/31320/assignments/574128) due by 11:59pm
Mon Jul 27, 2020	Read: Chapter 16: Images (https://unt.instructure.com/calendar? event_id=124061&include_contexts=course_31320) 12am
	Study CSS Session 3 (https://unt.instructure.com/calendar? event_id=124053&include_contexts=course_31320) 12am
Tue Jul 28, 2020	Quiz Chapter 16 (https://unt.instructure.com/courses/31320/assignments/574117) due by 11:59pm
Wed Jul 29, 2020	Assignment 3 (https://unt.instructure.com/courses/31320/assignments/574129) due by 11:59pm
Thu Jul 30, 2020	Read: Chapter 17: HTML5 Layout (https://unt.instructure.com/calendar? event_id=124059&include_contexts=course_31320)

Date	Details
Fri Jul 31, 2020	Quiz Chapter 17 (https://unt.instructure.com/courses/31320/assignments/574115) due by 11:59pm
Sat Aug 1, 2020	Extra Credit Communication Style PowerPoint (https://unt.instructure.com/courses/31320/assignments/574132) due by 11:59pm
	Extra Credit: Discussion Technology and the Future Workforce (https://unt.instructure.com/courses/31320/assignments/574126)
Sun Aug 2, 2020	Assignment 4 (https://unt.instructure.com/courses/31320/assignments/574130) due by 11:59pm
Mon Aug 3, 2020	Study CSS Session 4 (https://unt.instructure.com/calendar? event_id=124084&include_contexts=course_31320) 12am
Tue Aug 4, 2020	Assignment 5 (https://unt.instructure.com/courses/31320/assignments/574131) due by 11:59pm
Thu Aug 6, 2020	Final Project (https://unt.instructure.com/courses/31320/assignments/574133) due by 11:59pm
	9/11 Remeberance Assembly (https://unt.instructure.com/calendar? event_id=124097&include_contexts=course_31320)
	9/11 Remeberance Assembly (https://unt.instructure.com/calendar? event_id=124098&include_contexts=course_31320)
	Introduce Yourself (https://unt.instructure.com/courses/31320/assignments/574125)