Instructor:



Jennifer Kueter

**Adjunct Professor**  
**Office Hours:** when needed, please contact me for an appointment  
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Course Overview:

The purpose of this course is to provide you with an understanding of basic Web design skills in addition to the expertise required for creating and publishing HTML documents. You will design, develop, test, and evaluate a website. Intro to Web Development is also an online course with no in-person or classroom meetings. The course is offered via Canvas.

Web development can be difficult. The aim of this class is to teach educators, librarians, and instructional designers how to code. Therefore, the focus is on learning HTML and CSS for prototyping purposes.

You do not have to be in any of these fields to take this class.

You should complete all assignments in this course independently. While you will be seeking assistance from your classmates on specific problems, your pages are expected to be unique and written by you. Because of the independent nature of the course, it is critical that you seek help if you have questions or are struggling.

Course Objectives

Upon the successful completion of this course, a student will be able to:

* Use [FTP (Links to an external site.)Links to an external site.](https://en.wikipedia.org/wiki/SSH_File_Transfer_Protocol) (File Transfer Protocol) programs to communicate with a remote Web server:
  + connect and upload files to a remote Web server
  + manage directories and files on a remote Web server
* Demonstrate basic [HTML (Links to an external site.)Links to an external site.](https://en.wikipedia.org/wiki/HTML) coding:
  + create formatted text
  + write both absolute and relative links
  + write lists
  + add visual elements and graphics
  + change the color of text and background
  + build tables
  + produce inline and embedded [CSS (Links to an external site.)Links to an external site.](https://en.wikipedia.org/wiki/Cascading_Style_Sheets) (for formatting and page layout)
  + insert multimedia elements
* Design a Web page or website using sound design principles:
  + identify effective site organization
  + create flexible, intuitive, and consistent navigation
  + apply best practices to design, page layout, text, and graphics
* Address accessibility and [W3C (Links to an external site.)Links to an external site.](https://www.w3.org/) standard issues:
  + design a user-friendly interface
  + understand American Disability Act ([ADA (Links to an external site.)Links to an external site.](http://www.ada.gov/)) requirements
  + comply with W3C HTML specifications
* Perform the multimedia design cycle:
  + generate a design plan before production
  + conduct formative evaluation including user testing with the target audience and expert reviews
  + apply changes to a website based on feedback from user testing

This course meets LIS Program Objective 3, *Students apply, assess, and evaluate information technology and systems*.

Before the Course Begins:

Before the course begins, you should begin to gather the required materials and resources. You will have the first week of courses to gather some of these materials, but it is in your best interest to begin as early as possible.

Gather Materials and Resources

**Obtain Hosting**

Students will need to use web hosting.

**SISLT-Online:**

[See how to obtain free university hosting by downloading the directions here. (Links to an external site.)Links to an external site.](https://www.dropbox.com/s/oubafqgq107qk4y/Connecting-to-sislt-online.pdf?dl=0)

**Third Party**

You may choose to obtain web hosting service from a third-party. The webhost must be accessible from the internet so instructors can view the site. Below are options for website hosting providers. Other providers exist and may be used with these courses, provided the hosted website can be viewed by your instructor and meets other course requirements.

SISLT has no affiliation with these hosting providers and their inclusion on this list is not an endorsement of their products or services.

*If you plan to enroll in ISLT 4370 & 7370: Intermediate Web Development, do not use Neocities! Neocities limits the tools you can use when developing a website or online web application.*

**Third-Party Hosting Providers**

* BlueHost: [https://www.bluehost.com/hosting/education (Links to an external site.)Links to an external site.](https://www.bluehost.com/hosting/education) $4.95/month
* GitHub: [https://pages.github.com (Links to an external site.)Links to an external site.](https://pages.github.com/)  free

**BlueHost Hosting**

This option will cost approximately $4.95/month. BlueHost is a website hosting provider who provides web server resources, including a low-cost education option. This hosting provider follows industry standards and will resemble the setup of other providers.

Specific directions on stepping through the process is given in the course.

**GitHub Hosting**

This option is free. Git is version management software. It allows you to keep copies of your code allowing you to return to previous versions of the files after they’ve been edited. This is a good way to backup your work.

Download and Install Required Software

**Download FTP Client**

Specific directions are given inside the course in unit 1.

* Recommended: [**Cyberduck (Links to an external site.)Links to an external site.**](https://cyberduck.io/?l=en)**,**[**Transmit (Links to an external site.)Links to an external site.**](https://panic.com/transmit/)
* Other FTP programs: [**FileZilla (Links to an external site.)Links to an external site.**](https://filezilla-project.org/)**,**[**Fetch (Links to an external site.)Links to an external site.**](http://fetchsoftworks.com/)
* Once downloaded, connect to your server (third-party hosting company).

**Text Editor**

DO NOT use Notepad (Windows) or Text Edit (Mac). These are poor text editors for web coding. Download one of the recommended ones for your work.

**Recommended:**

* **Visual Studio Code** (Mac, Windows, Linux; free)  
  [https://code.visualstudio.com (Links to an external site.)Links to an external site.](https://code.visualstudio.com/)
* **Komodo Edit**(Mac, Windows, Linux; free)  
  [http://komodoide.com/komodo-edit/ (Links to an external site.)Links to an external site.](http://komodoide.com/komodo-edit/)
* **Coda 2** (Panic Software; Mac; $$)  
  [https://panic.com/coda/ (Links to an external site.)Links to an external site.](https://panic.com/coda/)

**Other text editors:**

* TextWrangler: [http://www.barebones.com/products/textwrangler/ (Links to an external site.)Links to an external site.](http://www.barebones.com/products/textwrangler/)
* TextMate: [https://macromates.com/download (Links to an external site.)Links to an external site.](https://macromates.com/download)
* Sublime Text 3: [https://www.sublimetext.com/3 (Links to an external site.)Links to an external site.](https://www.sublimetext.com/3)

**Download, Install, and Update Multiple Browsers**

In order to create and test web pages, you will need the following browsers installed on your device.

* **Google Chrome** (it is recommended that you use Google Chrome as your default browser for this course, as it has high support for html5 and CSS3, and has great developer tools built in)
* **Safari,** most recent version
* **Internet Explorer**, most recent version (not available on all platforms)
* **Firefox**, most recent version with the web developer extension

Purchase Books and Required Reading Materials

There is one required textbook for this course. You can purchase the book through the [University Book Store (Links to an external site.)Links to an external site.](https://www.themizzoustore.com/t-textbook-terms.aspx), [Barnes & Noble (Links to an external site.)Links to an external site.](http://www.barnesandnoble.com/) or [Amazon.com (Links to an external site.)Links to an external site.](http://www.amazon.com/).

* **Web Development and Design Foundations with HTML5 (8th Edition) By Terry Felke-Morris**  
  Publisher: Pearson Education Inc. publishing as Addison-Wesley   
  Pub Date: February 12, 2016   
  ISBN-10: 0134322754  
  ISBN-13: 978-0134322759  
  Formats: Paperback or e-Text

Pearson also has provided resources using a code on the inside cover of your textbook. The code is valid for six months. If you have purchased a used copy of the textbook, your code may no longer be valid. While these resources are helpful, they are not essential for completing this course. If you do not have access to these files, you will still be able to complete all requirements in this course and will be able to find many other resources to help you through the assignments.

Assignments and Grading

Assignments

This course has assignments plus points for participation and comprehension checks. Certain assignments have "hard" deadlines meaning that no extensions are possible. If you do not complete these assignments by the date specified you cannot submit them. Please make sure you keep these in mind as the semester progresses. If you need an extension on the non-exempt assignments, be sure to contact me in advance of the due date.

Intro to Web Development is a project-based course; you should develop your final website on your own. The final project should be original and unique and not a page you have used for another course. Although your site will reflect individual interests, each page should be developed with a clear purpose using recognized design fundamentals as guides. Your website should be representative of your capabilities. Some students enter the course with prior Web development experience and others with none. Intro to Web Development is an introductory course, so I do not expect you to come in with previous experience. Because of the variation in knowledge and skills, each student should set goals that are personally challenging and avoid comparisons with other students.

Your project website should be representative of what you have learned and can become a valuable portfolio of your work. Do not use a Web authoring tool (or templates) to create your website. You should write your HTML by hand.

You should review the assignment descriptions and due dates; they are all linked below. This details the assignment requirements, expectations, and also rubrics for each assignments. Don't wait until after the due date to review the requirements of the assignments and course! Read each assignment listed at the bottom of the syllabus before class begins. Your grading scheme and weighting is listed on this page as well.

Grading Scale

All assignment scores will be calculated to the first decimal point, and there will be no rounding of scores.

The following definitions are intended to provide a standard for judgment, not a rule that can be applied mechanically; thus, while a grade of C in an undergraduate course indicates adequate work, a grade of C in a graduate course indicates work of less than adequate quality.

* The grade of A is awarded for performance of outstanding quality.
* The grade of B is awarded for superior, but less than outstanding performance.
* The grade of C is awarded for adequate performance.
* The grade of F indicates a level of performance that is unacceptable. A grade of D is not awarded to graduate students.

Graduate Students

A: (100-90), B: (89-80), C: (79-70), F: (69-0)

+/- Grading is not used for graduate students.

Your assignments are weighted 10% comprehension checks (quizzes) and 90% projects.

Student Responsibilities:

How to Succeed In This Course

Introduction to Web Development's pace can be intense as we cover a lot of material. You should check the Home Page of the course, Announcements, and Discussion Forum(s) regularly for any changes or important announcements. Major course announcements will be e-mailed to your Mizzou e-mail address.

Here are some tips for getting the most out of this course:

* Maintain a reasonable pace of work each week of the course.
* Build relationships. Get to know your classmates. Take advantage early of opportunities to learn about your classmates and let them know about you.
* Work collaboratively. How much you learn and how much enjoy this course will depend on the sense of connection you develop with your fellow students. Try to help your fellow students and try to benefit from what they have to offer.
* Check your understanding. Your goal is to understand the theories, principles, development, and concepts central to the course. Do not stop with the reading the course materials.
* Learn from the assignments. When your assignments are returned to you, be sure to read the Instructor's comments and feedback.
* Seek help. Contact the Instructors when you need help.
* No scripting of any type (i.e., Java Script) is allowed in this course unless you receive prior approval from the instructor. You should master the basics before moving on to scripting.

Reviewing Student Work

Many online courses require you to present your work electronically so other students can see it. You may also be asked to review the work of other students, as part of the instructional process of the class. Your work may be used as an example. Having other students peer-review your work can support your learning and lead to better outcomes for everyone in the course. If you feel uncomfortable at any time sharing your work, or with the feedback or comments on your work by other students, contact the Instructor. To protect student privacy and prevent the inappropriate or illegal use of student work, you are not allowed to distribute links or files of your peers' work to anyone outside the course. The viewing of peer projects is only for students enrolled in the course. Therefore, the owner and developer of the website will decide whether to distribute their work to people outside the course.

Discussion Boards

The discussion board is one of the primary communication methods for an Internet course. If the discussion board becomes ill-structured and messy, then it can be an ineffective tool for communication and learning. With many people posting comments, it then becomes difficult to follow a particular topic and for the instructors to check who has contributed to a specific discussion. Thus, adhering to the following guidelines should make the use of the discussion board more efficient and effective:

* Before creating a new thread or posting a comment in a forum, make sure that your particular topic or issue has not been published on the board already.
* Post comments or create new threads in the most appropriate Forum for your question.
* Do not post "personal comments" to other classmates that do not relate to the main topic of the class discussion. Use email for these types of comments or another discussion forum.
* The discussion board should not be used for personal complaints regarding classmates. These postings will be removed from the discussion board. If you are having problems, send an email to the instructors.

Course Policies:

Copyright

In previous semesters, students have borrowed material (either text or graphics) from other websites without citing their source(s). It is essential that you understand that if the material is not yours, you may not reproduce it without permission, or without citing your source if the content is correctly identified as under an open license.

Using an absolute link in an image to link directly to images on another website is likewise not acceptable.

If you receive permission from the site’s owner to include media, then that is acceptable. You may also use media that is openly offered for others' use, such as work offered under a Creative Commons license. See the Creative Commons [website (Links to an external site.)Links to an external site.](http://search.creativecommons.org/) for more information and [here  (Links to an external site.)Links to an external site.](http://www.flickr.com/creativecommons/)for examples.

Even if the material is copyright-free, you should still give credit to the owner/source. Be aware that using a site such as [images.google.com (Links to an external site.)Links to an external site.](http://images.google.com/) will provide you with many images, but most are not copyright-free.

If the uncited material is found in any assignment, including the final project, the instructor reserves the right to provide you with an automatic zero for that assignment. When unsure, ask.

Late Work

The due dates listed for assignments may change as the semester progresses. However, it is important to note that late work will be penalized. For each two days that an assignment is late, your grade will drop 10% unless prior permission has been obtained. Approval does not mean that you have notified the instructor that the assignment will be late. Rather, permission is an agreement between you and the instructor that: 1) a valid reason exists for the assignment to be late, 2) a late due date has been established, and 3) the assignment has been submitted by that late due date. There will be no extensions on late due dates – and any late assignment submitted past its late due date will be subject to late penalties.

If you are having problems completing an assignment, you must contact the course facilitator.

Issues with the Internet, computer, or technical difficulties are not valid excuses for late assignments.

Make sure that you have a backup plan for accessing alternative computers for completing and submitting assignments. Leave yourself plenty of time to submit the assignment before the deadline!

Assignments will be reviewed and graded as soon as possible after the posted due date.

Re-grading Policies and Procedures

Request for re-grading should be turned in via email no later than 48 hours after receiving the grade for each project. Write an email with a detailed statement as to which part should be reviewed and why you are requesting that it be re-graded. After a re-grading, you may receive a higher grade, the same grade, or a lower grade than had been applied to your work before the review.

Cheating

The HTML for the Web pages you design for this course must be written by hand with a simple text editor. Using any tool other than a text editor to write your code will result in an automatic "F" for that assignment. This course is designed to teach you how to write HTML by hand; using any other tool is cheating yourself. Likewise, copying and pasting someone else's HTML is forbidden. Students often struggle with writing HTML, but the more you practice, the easier it will become.

Make sure your assignments are unique and avoid sharing content or code that may suggest your work is not your own. Avoid uncanny similarities between your assignment and the work of your classmates.

It is essential that you understand that it is not acceptable to copy content from other websites. This includes using others' graphics, text, or any other media, without permission from the original author. If the uncited material is found in any assignment, you may receive an automatic zero (0) for that assignment.

If you get permission from the website's owner to include media, then that is acceptable. You may also use media that is openly offered for others use, such as work provided under a Creative Commons license. Again, see the Creative Commons [website (Links to an external site.)Links to an external site.](http://search.creativecommons.org/) for more information and [here  (Links to an external site.)Links to an external site.](http://www.flickr.com/creativecommons/)for examples.

Even if the material is copyright-free, you should still give credit to the owner/source. Be aware that using a site such as [images.google.com (Links to an external site.)Links to an external site.](http://images.google.com/) will provide you with many images, but most are not copyright-free.

Again, if the uncited material is found in any assignment, including the final project, the instructor reserves the right to provide you with an automatic zero for that assignment. When in doubt, ask.

University Policies:

Incompletes

Incompletes in this course will be given if, and only if:

* The completed portion of the student's work in the course is of passing quality AND,
* Evidence of hardship has been provided, and such difficulty would make it unjust to hold the student to the limits previously fixed for the completion of his/her work.

If you meet the above criteria, and you wish an Incomplete in this course, you must immediately send an e-mail to the Instructor. In most cases, an Incomplete will result in an automatic drop in a letter grade. All requests for Incompletes must be provided two weeks before the Final Project due date. Documented family or medical emergencies are the only two considerations for being flexible about the two weeks before the Final Project due date deadline.

For those students who are taking an incomplete, all the class assignments and projects must be completed and turned in for grades before the start day of the next semester; otherwise, a letter grade "F" will be given for the course.

For more information on Incompletes, please visit the [Registrar’s website (Links to an external site.)Links to an external site.](http://registrar.missouri.edu/).

Course Withdrawal

Withdrawals will adhere to university policies regarding dates and grades. If a request for withdrawal is submitted to the university due date, a student will only receive a W for a "passing" status in the course. Otherwise, an "F" will be reported.

The University's Registrar Web page says, "Students may not withdraw from all courses or their last course via myZou. This must be done through the academic advising unit to which the student is assigned. If it is more than ten days before the start of the term, the student may withdraw (drop last class) him or herself through myZou."

For more information on Withdrawals, please visit the [Registrar’s website (Links to an external site.)Links to an external site.](http://registrar.missouri.edu/).

Disabilities and Accommodations

If you anticipate barriers related to the format or requirements of this course, if you have emergency medical information to share with me, or if you need to make arrangements in case the building must be evacuated, please the instructor as soon as possible. If disability-related accommodations are necessary (for example, a note taker, extended time on exams, captioning), please register with the [Office of Disability Services (Links to an external site.)Links to an external site.](http://disabilityservices.missouri.edu/), S5 Memorial Union, 882-4696, and then notify me of your eligibility for reasonable accommodations. For other MU resources for students with disabilities, click on "Disability Resources" on the MU homepage.

The above statement is the official statement required by the University, which does not seem to apply much if you are taking this course at a distance. If you have a disability that you feel requires special accommodations about this course, please contact Dr. Joi Moore at [moorejoi@missouri.edu](mailto:moorejoi@missouri.edu).

Academic Dishonesty

Academic honesty is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person’s work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards academic dishonesty as a serious matter. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, collaboration, or any other form of cheating, consult the course instructor.

Intellectual Pluralism

The University community welcomes intellectual diversity and respects student rights. Students who have questions concerning the quality of instruction in this class may address concerns to either the Departmental Chair or Divisional leader or Director of the Office of [Students Rights and Responsibilities (Links to an external site.)Links to an external site.](http://osrr.missouri.edu/). All students will have the opportunity to submit an anonymous evaluation of the instructor(s) at the end of the course.

Nondiscrimination Statement

The University of Missouri does not discriminate by race, color, religion, national origin, ancestry, sex, age, disability, or status as a disabled veteran or veteran of the Vietnam era. For more information, call the MU Human Resource Services Department at (573) 882-4256 or the U.S. Department of Education’s Office for Civil Rights.

Course Summary:

| **Date** | **Details** |
| --- | --- |
| Sun Jan 28, 2018 | |  |  | | --- | --- | | [U1: Assignment: Server Upload](https://missouri.instructure.com/courses/10820/assignments/232536) | due by 11:59pm | | [U1: Check Your Comprehension: Introduction to the Internet and World Wide Web](https://missouri.instructure.com/courses/10820/assignments/232524) | due by 11:59pm | | [U1: Final Project Site Plan (required)](https://missouri.instructure.com/courses/10820/assignments/232535) | due by 11:59pm | |
| Sun Feb 4, 2018 | |  |  | | --- | --- | | [U2: Assignment: Website Review](https://missouri.instructure.com/courses/10820/assignments/232537) | due by 11:59pm | | [U2: Assignment: Your First Webpage](https://missouri.instructure.com/courses/10820/assignments/232538) | due by 11:59pm | |
| Sun Feb 11, 2018 | |  |  | | --- | --- | | [U2: Check Your Comprehension: Configuring Color and Text with CSS](https://missouri.instructure.com/courses/10820/assignments/232525) | due by 11:59pm | | [U2: Check your comprehension: HTML Basics](https://missouri.instructure.com/courses/10820/assignments/232528) | due by 11:59pm | |
| Sun Feb 25, 2018 | |  |  | | --- | --- | | [U3: Assignment: Basic Webpage](https://missouri.instructure.com/courses/10820/assignments/232539) | due by 11:59pm | | [U3: Check your comprehension: Visual Elements and Graphics](https://missouri.instructure.com/courses/10820/assignments/232530) | due by 11:59pm | | [U3: Check your comprehension: Web Design](https://missouri.instructure.com/courses/10820/assignments/232531) | due by 11:59pm | |
| Sun Mar 11, 2018 | |  |  | | --- | --- | | [U4: Assignment: Design Document](https://missouri.instructure.com/courses/10820/assignments/232540) | due by 11:59pm | | [U4: Check your comprehension: Page Layout](https://missouri.instructure.com/courses/10820/assignments/232526) | due by 11:59pm | |
| Sat Mar 24, 2018 | |  |  | | --- | --- | | [U5: Assignment: Pilot Website](https://missouri.instructure.com/courses/10820/assignments/232541) | due by 11:59pm | | [U5: Check your comprehension: More on Links, Layout, and Mobile](https://missouri.instructure.com/courses/10820/assignments/232527) | due by 11:59pm | |
| Sun Apr 15, 2018 | |  |  | | --- | --- | | [U6: Assignment: Website Evaluation Report (Assignment Submission)](https://missouri.instructure.com/courses/10820/assignments/232542) | due by 11:59pm | | [U6: Check your comprehension: Tables](https://missouri.instructure.com/courses/10820/assignments/232529) | due by 11:59pm | | [U6: Pilot Websites Discussion (required, peer feedback forum for assignment)](https://missouri.instructure.com/courses/10820/assignments/232533) | due by 11:59pm | |
| Sun Apr 29, 2018 | |  |  | | --- | --- | | [U7: Assignment: Final Project Website](https://missouri.instructure.com/courses/10820/assignments/232543) | due by 11:59pm | |
| Thu May 3, 2018 | |  |  | | --- | --- | | [U8: Assignment: Discussion on Web Dev Software](https://missouri.instructure.com/courses/10820/assignments/232544) | due by 11:59pm | | [U8: Participation Assignment](https://missouri.instructure.com/courses/10820/assignments/232545) | due by 11:59pm | | [U8: Use Cases in the Design Process (required)](https://missouri.instructure.com/courses/10820/assignments/232532) | due by 11:59pm | |
|  | |  |  | | --- | --- | | [U8: Questions Forum (optional)](https://missouri.instructure.com/courses/10820/assignments/232534) |  | |