

Web Design I (IMED 1316)

CREDIT

3 Semester Credit Hours (2 hours lecture, 2 hours lab)

MODE OF INSTRUCTION

Online

PREREQUISITE/CO-REQUISITE:

There are no Prerequisite/Co-requisites for this course.

COURSE DESCRIPTION

Instruction in web design and related graphic design including mark-up languages, and browsers issues.

COURSE OBJECTIVES

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

- Identify how the Internet functions.
- Apply design techniques in the creation and optimization of graphics and other elements.
- Demonstrate the use of World Wide Web Consortium (W3C) formatting and layout standards.
- Design and build a web site.

INSTRUCTOR CONTACT INFORMATION

Instructor: Abhinav Kamatham

Email: akamatham@lit.edu

Office Phone: 409-257-0052

Office Location: TC-230

Office Hours: Monday & Wednesday 8:00 a.m. – 9:00 a.m & 11:00 a.m. -12:00p
Tuesday & Thursday 8:00 a.m. – 9:00 a.m.
Friday 8:00 am. – 9:30a.m

REQUIRED TEXTBOOK AND MATERIALS

Responsive Web Design with HTML 5 & CSS, 9th edition, by Jessica Minnick,
ISBN-13: 978-0357423837

ATTENDANCE POLICY

The student is required to log onto Blackboard at least three times a week. If a student does not log into Blackboard, that student is still responsible for all work and/or discussion missed. It is

Approved: **Initials/date**



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the student’s responsibility to determine what it is he or she missed, not the instructors. The instructor will not take additional time outside of class to inform a student of what occurred during the time they were not logged into Blackboard. The best source of missed material or assignments is a classmate.

DROP POLICY

If you wish to drop a course, you are responsible for initiating and completing the drop process. If you stop coming to class and fail to drop the course, you will earn an “F” in the course.

COURSE CALENDAR

DATE	TOPIC	ASSIGNMENTS/ READING (Due on this Date)
Week 1	Overview & Syllabus	
Week 2	Chapter 1: Introduction to the Internet and Web Design	8/29/2024
Week 3	Chapter 2: Building a Webpage Template with HTML 5	9/05/2024
Week 4	Chapter 3: Enhancing a Website with Images and Links	9/12/2024
Week 5	Chapter 4: Designing Webpages with CSS	9/19/2024
Week 6	Chapter 5: Responsive Design Part 1: Designing for Mobile Devices	9/26/2024
Week 7	Chapter 6: Responsive Design Part 2: Designing for Tablet and Desktop Devices	10/03/2024
Week 8	Midterm Exam	10/10/2024
Week 9	Chapter 7: Improving Web Design with New Page Layouts	10/17/2024
Week 10	Chapter 8: Creating Tables and Forms	10/24/2024
Week 11	Chapter 9: Integrating Audio and Video	10/31/2024

Week 12	Chapter 10: Creating Interactivity with CSS and JavaScript	11/9/2023
Week 13	Chapter 11: Publish, Promote, and Maintain a website	11/16/2023
Week 14	Thanksgiving break	11/22-24
Week 15	Chapter 12: Getting Started with Bootstrap	11/28/2023
Week 16	Final Exam	12/1/2023

COURSE EVALUATION

Final grades will be calculated according to the following criteria:

- Assignments/Quizzes 35%
- Midterm 25%
- Finals 40%

GRADE SCALE

- 90-100 A
- 80-89 B
- 70-79 C
- 60-69 D
- 0-59 F

TECHNICAL REQUIREMENTS

The latest technical requirements, including hardware, compatible browsers, operating systems, etc. can be online at <https://lit.edu/online-learning/online-learning-minimum-computer-requirements>. A functional broadband internet connection, such as DSL, cable, or WiFi is necessary to maximize the use of online technology and resources.

DISABILITIES STATEMENT

The Americans with Disabilities Act of 1990 and Section 504 of the Rehabilitation Act of 1973 are federal anti-discrimination statutes that provide comprehensive civil rights for persons with disabilities. LIT provides reasonable accommodations as defined in the Rehabilitation Act of 1973, Section 504 and the Americans with Disabilities Act of 1990, to students with a diagnosed disability. The Special Populations Office is located in the Eagles' Nest Room 129 and helps foster a supportive and inclusive educational environment by maintaining partnerships with faculty and staff, as well as promoting awareness among all members of the Lamar Institute of Technology community. If you believe you have a disability requiring an accommodation, please contact the Special Populations Coordinator at (409)-951-5708 or email

specialpopulations@lit.edu. You may also visit the online resource at [Special Populations - Lamar Institute of Technology \(lit.edu\)](#).

STUDENT CODE OF CONDUCT STATEMENT

It is the responsibility of all registered Lamar Institute of Technology students to access, read, understand and abide by all published policies, regulations, and procedures listed in the *LIT Catalog and Student Handbook*. The *LIT Catalog and Student Handbook* may be accessed at www.lit.edu. Please note that the online version of the *LIT Catalog and Student Handbook* supersedes all other versions of the same document.

ARTIFICIAL INTELLIGENCE STATEMENT

Lamar Institute of Technology (LIT) recognizes the recent advances in Artificial Intelligence (AI), such as ChatGPT, have changed the landscape of many career disciplines and will impact many students in and out of the classroom. To prepare students for their selected careers, LIT desires to guide students in the ethical use of these technologies and incorporate AI into classroom instruction and assignments appropriately. Appropriate use of these technologies is at the discretion of the instructor. Students are reminded that all submitted work must be their own original work unless otherwise specified. Students should contact their instructor with any questions as to the acceptable use of AI/ChatGPT in their courses

STARFISH

LIT utilizes an early alert system called Starfish. Throughout the semester, you may receive emails from Starfish regarding your course grades, attendance, or academic performance. Faculty members record student attendance, raise flags and kudos to express concern or give praise, and you can make an appointment with faculty and staff all through the Starfish home page. You can also login to Blackboard or MyLIT and click on the Starfish link to view academic alerts and detailed information. It is the responsibility of the student to pay attention to these emails and information in Starfish and consider taking the recommended actions. Starfish is used to help you be a successful student at LIT.

ADDITIONAL COURSE POLICIES/INFORMATION

- You must log onto Blackboard and access this course a minimum of three times per week.
- Cheating of any kind will not be tolerated.
- Internet Usage – Students are expected to use proper net etiquette while participating in course emails, assignment submissions, and online discussions.