# CSCI 389.61E Web Programming
COURSE SYLLABUS: Spring 2024

## INSTRUCTOR INFORMATION

| | |
|---|---|
| **Instructor:** | Amy Hays M.S., Computer Science |
| **Office Location:** | RELLIS ACB1 335 |
| https://tamuc.zoom.us/j/92711096337?pwd=cS9UZllXb2xIc2V1dGtoNnArcDZ5UT09 | |
| **Office Hours:** | Mondays, Wednesdays, and Thursdays 10 am to 12 pm |
| | Other times by appointment only via email |
| **University Email Address:** | amy.hays@tamuc.edu |
| **Preferred Form of Communication:** | For all emails, make sure the email the subject line reads: "CSCI 389.61E~~". |
| **Communication Response Time:** | 48 hours |

## COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings

Textbook(s) Recommended
*Internet & World Wide Web How to Program*, 5th edition, Paul Deitel, Harvey Deitel, Abbey Deitel, Pearson, **ISBN 978-0-13-215100-9**
NOTE: Additional resources can be found on the Internet.

## Course Description

Web Programming and Interface Design. Three semester hours. This course provides students with a hands-on overview of current Web programming languages and Web multimedia technologies. Client/Server concepts will be discussed and implemented into student Web projects. Concepts relating to good interface design will be covered. The course will also explore how multimedia tools and features can be used to enhance Web sites.

## Student Learning Outcomes (Should be measurable; observable; use action verbs)

1. Creation and manipulation of web graphics using popular software tools.

*The syllabus/schedule are subject to change.*

2. Creation of Web Pages using XHTML
3. Application of cascading style sheets
4. Client-Side scripting using JavaScript.
5. Database creation and Web Integration using server-side scripting.

## COURSE REQUIREMENTS

### Minimal Technical Skills Needed

Prerequisites: Lvl U CSCI 270 Min Grade C Concur or Lvl U COSC 2336 Min Grade C Concurrently

## Instructional Methods

This is a face-to-face course with heavy use of the MyLeo (D2L) Learning Management System (LMS), and remote learning component.

## Student Responsibilities or Tips for Success in the Course

It is expected that you are the owner of your success in this course, including ensuring you understand the expectations, timelines, policies and learning objectives.
Baseline expectations:
a. Check LMS frequently and remain current with the course content and assignments.
b. Start your homework assignments early so that you can ask for help if needed.
c. Check the feedback on homework assignments.
d. Do your own work: you are encouraged to collaborate and consult with classmates to improve your understanding and to develop problem-solving strategies. However, cheating and plagiarism will not be tolerated, i.e. do not copy other people's work.
e. Communicate with the instructor when you are confused or having difficulties with the course material / assignment / project.
f. Get help (sooner than later) if you have challenges or problems:
• Start or join a study group with classmate(s) from the course to compare notes and discuss class content.
g. What you get out of any class depends to a very large degree on what you are willing to put into it. Get in the habit of writing little practice programs to try out new language features as we learn them. As you write more programs (even small ones), the process becomes easier, you are much more likely to remember how the language works and to apply it more effectively for data processing.

## GRADING

Final grades in this course will be based on the following scale:

The *syllabus/schedule are subject to change.*

A = 90%-100%
B = 80%-89%
C = 70%-79%
D = 60%-69%
F = 59% or Below

## Assessments

Weights of the assessments in the calculation of the final letter grade.
Example:

| | |
|---|---|
| Assignments | 20% |
| Web Projects | 55% |
| Midterm Exam | 25% |
| TOTAL | 100% |

# TECHNOLOGY REQUIREMENTS

## LMS

All course sections offered by Texas A&M University-Commerce have a corresponding course shell in the myLeo Online Learning Management System (LMS).  Below are technical requirements

LMS Requirements:
https://community.brightspace.com/s/article/Brightspace-Platform-Requirements

LMS Browser Support:
https://documentation.brightspace.com/EN/brightspace/requirements/all/browser_support.htm

Zoom Video Conferencing Tool
https://inside.tamuc.edu/campuslife/CampusServices/CITESupportCenter/Zoom_Account.aspx?source=universalmenu

# ACCESS AND NAVIGATION

You will need your campus-wide ID (CWID) and password to log into the course. If you do not know your CWID or have forgotten your password, contact the Center for IT Excellence (CITE) at 903.468.6000 or helpdesk@tamuc.edu.

The *syllabus/schedule are subject to change.*

**Note:** Personal computer and internet connection problems do not excuse the requirement to complete all course work in a timely and satisfactory manner. Each student needs to have a backup method to deal with these inevitable problems. These methods might include the availability of a backup PC at home or work, the temporary use of a computer at a friend's home, the local library, office service companies, Starbucks, a TAMUC campus open computer lab, etc.

## COMMUNICATION AND SUPPORT

If you have any questions or are having difficulties with the course material, please contact your Instructor.

### Technical Support

If you are having technical difficulty with any part of Brightspace, please contact Brightspace Technical Support at 1-877-325-7778. Other support options can be found here:

https://community.brightspace.com/support/s/contactsupport

### Interaction with Instructor Statement

| | |
|---|---|
| **Office Location:** | RELLIS ACB1 335 |
| https://tamuc.zoom.us/j/92711096337?pwd=cS9UZllXb2xIc2V1dGtoNnArcDZ5UT09 | |
| **Office Hours:** | Mondays, Wednesdays, and Thursdays 10 am to 12 pm |
| | Other times by appointment only via email |
| **University Email Address:** | amy.hays@tamuc.edu |
| **Preferred Form of Communication:** | For all emails, make sure the email the subject line reads: "CSCI 389.61E~~". |
| **Communication Response Time:** | 48 hours |

## COURSE AND UNIVERSITY PROCEDURES/POLICIES

### Course Specific Procedures/Policies

### Syllabus Change Policy

The syllabus is a guide.  Circumstances and events, such as student progress, may make it necessary for the instructor to modify the syllabus during the semester.  Any changes made to the syllabus will be announced in advance.

The *syllabus/schedule are subject to change.*

# University Specific Procedures

## Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment.  The Code of Student Conduct is described in detail in the Student Guidebook. http://www.tamuc.edu/Admissions/oneStopShop/undergraduateAdmissions/studentGuidebook.aspx

Students should also consult the Rules of Netiquette for more information regarding how to interact with students in an online forum: https://www.britannica.com/topic/netiquette

## TAMUC Attendance

For more information about the attendance policy please visit the Attendance webpage and Procedures 13.99.99.R0.01 http://www.tamuc.edu/admissions/registrar/generalInformation/attendance.aspx

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/academic/13.99.99.R0.01.pdf

## Academic Integrity

Students at Texas A&M University-Commerce are expected to maintain high standards of integrity and honesty in all of their scholastic work.  For more details and the definition of academic dishonesty see the following procedures:

Undergraduate Academic Dishonesty 13.99.99.R0.03
Undergraduate Student Academic Dishonesty Form

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/documents/13.99.99.R0.03UndergraduateStudentAcademicDishonestyForm.pdf

Graduate Student Academic Dishonesty Form

http://www.tamuc.edu/academics/graduateschool/faculty/GraduateStudentAcademicDishonestyFormold.pdf

http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/13students/undergraduates/13.99.99.R0.03UndergraduateAcademicDishonesty.pdf

## Students with Disabilities-- ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a

*The syllabus/schedule are subject to change.*

learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services**
Texas A&M University-Commerce
Velma K. Waters Library Rm 162
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148
Email: studentdisabilityservices@tamuc.edu
Website: Office of Student Disability Resources and Services

http://www.tamuc.edu/campusLife/campusServices/studentDisabilityResourcesAndServices/

## Nondiscrimination Notice

Texas A&M University-Commerce will comply in the classroom, and in online courses, with all federal and state laws prohibiting discrimination and related retaliation on the basis of race, color, religion, sex, national origin, disability, age, genetic information or veteran status. Further, an environment free from discrimination on the basis of sexual orientation, gender identity, or gender expression will be maintained.

## Campus Concealed Carry Statement

Texas Senate Bill - 11 (Government Code 411.2031, et al.) authorizes the carrying of a concealed handgun in Texas A&M University-Commerce buildings only by persons who have been issued and are in possession of a Texas License to Carry a Handgun. Qualified law enforcement officers or those who are otherwise authorized to carry a concealed handgun in the State of Texas are also permitted to do so. Pursuant to Penal Code (PC) 46.035 and A&M-Commerce Rule 34.06.02.R1, license holders may not carry a concealed handgun in restricted locations.

For a list of locations, please refer to the Carrying Concealed Handguns On Campus document and/or consult your event organizer.

Web url:
http://www.tamuc.edu/aboutUs/policiesProceduresStandardsStatements/rulesProcedures/34SafetyOfEmployeesAndStudents/34.06.02.R1.pdf

Pursuant to PC 46.035, the open carrying of handguns is prohibited on all A&M-Commerce campuses. Report violations to the University Police Department at 903-886-5868 or 9-1-1.

## A&M-Commerce Supports Students' Mental Health

The Counseling Center at A&M-Commerce, located in the Halladay Building, Room 203, offers counseling services, educational programming, and connection to

*The syllabus/schedule are subject to change.*

community resources for students. Students have 24/7 access to the Counseling Center's crisis assessment services by calling 903-886-5145. For more information regarding Counseling Center events and confidential services, please visit **www.tamuc.edu/counsel**

**AI use policy [Draft 2, May 25, 2023]**

Texas A&M University-Commerce acknowledges that there are legitimate uses of Artificial Intelligence, ChatBots, or other software that has the capacity to generate text, or suggest replacements for text beyond individual words, as determined by the instructor of the course.

Any use of such software must be documented. Any undocumented use of such software constitutes an instance of academic dishonesty (plagiarism).

Individual instructors may disallow entirely the use of such software for individual assignments or for the entire course. Students should be aware of such requirements and follow their instructors 'guidelines. If no instructions are provided the student should assume that the use of such software is disallowed.

In any case, students are fully responsible for the content of any assignment they submit, regardless of whether they used an AI, in any way. This specifically includes cases in which the AI plagiarized another text or misrepresented sources.

13.99.99.R0.03 Undergraduate Academic Dishonesty

13.99.99.R0.10 Graduate Student Academic Dishonesty

**Department or Accrediting Agency Required Content**

The *syllabus/schedule are subject to change.*

# COURSE OUTLINE / CALENDAR

| WEEK OF | CONTENT | Major Events |
|---|---|---|
| Jan 15 | Introduction and overview | **Jan 15 – MLK Holiday** |
| Jan 22 | Web Development authoring tools | |
| Jan 29 | HTML, CSS, JS, PHP, SQL | |
| Feb 5 | Graphics and Photo Editing | |
| Feb 12 | Web Hosting Registration | |
| Feb 19 | MySQL database implementation | |
| Feb 26 | **Midterm exam** | |
| Mar 4 | Security Concerns | |
| Mar 11 | **Spring Break** | |
| Mar 18 | Usability and Design | |
| Mar 25 | Accessibility | **Mar 29 Reading Day - No class** |
| Apr 1 | Projects | |
| Apr 8 | Projects | |
| Apr 15 | Projects | |
| Apr 22 | Projects | |
| Apr 29 | Projects | 30th Last day of class |
| May 2 – May 7 | Final exam Week | Final exam |

*The syllabus/schedule are subject to change.*