UTRGV

Course number: CSCI 3342 Internet Programming
SYLLABUS
Spring 2024
Subject to any new Texas legislative mandate changes.

COURSE INFORMATION:
TR 11:00-12:15
EIEAB 1.204

Course Modality: Traditional Face-to-Face Courses (TR)

INSTRUCTOR INFORMATION:

Instructor Name: Emmett Tomai
Phone: (956) 665-2320
E-Mail: emmett.tomai@utrgv.edu
Office location: EIEAB 3.213
Office hours: M 1:00-4:00, W 10:00-12:00

COURSE DESCRIPTION, PREREQUISITES & MODE OF LEARNING

Focuses on programming techniques, methods and technologies used to develop interactive web sites. Potential topics include HTTP, HTML, CSS, JavaScript, DOM, AJAX, JSON, PHP, SQL, MVC, session management, modern libraries and frameworks, encryption and other security topics. Prerequisites: CSCI 3326/3328/3329 or consent of instructor.

Given the rapidly changing landscape in web development, topics are updated from semester to semester.

This course will be held face-to-face with optional online elements.

COVID-19 RESOURCES: Required on all syllabi. Do not modify.
Please visit the UTRGV COVID-19 protocols web page for the most up-to-date COVID-19 campus information and resources. The COVID-19 Frequently Asked Questions (FAQs) web page offers additional guidance to specific questions. To submit a question for the FAQ, please email WelcomeBack@utrgv.edu.

UTRGV VACCINE PORTAL Required on all syllabi. Do not modify.
UTRGV Students are eligible to receive the COVID-19 Vaccine. Students may access and complete their vaccine profile via the UTRGV Vaccine Portal. For additional information on the COVID-19 Vaccine, please visit the UTRGV Vaccine web page.

LEARNING OBJECTIVES/OUTCOMES FOR THE COURSE

Student Learning Outcomes	Major Course Requirement/Major Assignment/Examination
Understand how web technologies interact, from the browser to the backend servers.	

Student Learning Outcomes	Major Course Requirement/Major Assignment/Examination
Gain familiarity with numerous languages and standard protocols.	Weekly lab exercises and assignments, midterm and final exam.
Learn database design basics and SQL access.	
Implement dynamic content web pages using two- and three-tier architectures.	
Become familiar with tools and environments for client- and server-side development	
Gain practical experience in a selected set of Web technologies.	
Learn how to keep pace with the rapidly changing landscape of web application development.	
Implement a web application with database content and a dynamic client.	

TEXTBOOK, TECHNOLOGY, AND/OR RESOURCE MATERIAL
None. Web development changes constantly, and public internet resources are by far the most effective references and learning tools.

GRADING POLICIES

Lab exercises and in-class activities	10%
Assignments	55%
Midterm and final	35%

Total possible score (max):	100%

Final grade:

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

Note: Grades on assignments and exams may be curved to reflect the overall performance of the class.

BLACKBOARD SUPPORT
If you need assistance with course technology at any time, please contact the Center for Online Learning and Teaching Technology (COLTT).

Campus:	Brownsville	Edinburg
Location:	Casa Bella (BCASA) 613	Education Complex (EEDUC) 2.202
Phone:	956-882-6792	956-665-5327

Toll Free: 1-866-654-4555

Office Hours: Monday - Friday, 7:30 a.m. - 6:00 p.m.
Support Tickets Submit a Support Case via our Ask COLTT Portal

24/7 Blackboard Support
Need Blackboard assistance after hours? You can call our main office numbers, 956-882-6792 or 956-665-5327, to speak with a support representative.

ATTENDANCE, ABSENCE/SICK POLICY, Makeup Work:
Most class periods will include interactive activities and labs contributing to your participation grade. If you miss these, it will affect your grade.

Most reasonable absences can be accommodated with advance notice. After the fact, except in the case of emergencies, there is no guarantee of accommodation.

> The use of classroom recordings is governed by the Federal Educational Rights and Privacy Act (FERPA), UTRGV's acceptable-use policy, and UTRGV HOP Policy STU 02-100 Student Conduct and Discipline. A recording of class sessions will be kept and stored by UTRGV, in accordance with FERPA and UTRGV policies. Your instructor will not share the recordings of your class activities outside of course participants, which include your fellow students, teaching assistants, or graduate assistants, and any guest faculty or community-based learning partners with whom we may engage during a class session. **You may not share recordings outside of this course.** Doing so may result in disciplinary action under UTRGV HOP Policy STU 02-100 Student Conduct and Discipline.

ACADEMIC INTEGRITY:

Members of the UTRGV community uphold the Vaquero Honor Code's shared values of honesty, integrity and mutual respect in our interactions and relationships. In this regard, academic integrity is fundamental in our actions, as any act of dishonesty conflicts as much with academic achievement as with the values of honesty and integrity. Violations of academic integrity include, but are not limited to: cheating, plagiarism (including self-plagiarism), and collusion; submission for credit of any work or materials that are attributable in whole or in part to another person; taking an examination for another person; any act designed to give unfair advantage to a student; or the attempt to commit such acts (Board of Regents Rules and Regulations, STU 02-100, and UTRGV Academic Integrity Guidelines). **All violations of Academic Integrity will be reported to Student Rights and Responsibilities through Vaqueros Report It.**

STUDENTS WITH DISABILITIES:

Students with a documented disability (physical, psychological, learning, or other disability which affects academic performance) who would like to receive reasonable academic accommodations should contact **Student Accessibility Services (SAS)** for additional information. In order for accommodation requests to be considered for approval, the student must apply using the *mySAS* portal. and is responsible for providing sufficient documentation of the disability to SAS. Students are required to participate in an interactive discussion, or an intake appointment, with SAS staff. Accommodations may be requested at any time but are not retroactive, meaning they are valid once approved by SAS. Please contact SAS early in the semester/module for guidance. Students who experience a broken bone, severe injury, or undergo surgery may also be eligible for temporary accommodations.

Pregnancy, Pregnancy-related, and Parenting Accommodations

Title IX of the Education Amendments of 1972 prohibits sex discrimination, which includes discrimination based on pregnancy, marital status, or parental status. Students seeking accommodations related to pregnancy, pregnancy-related condition, or parenting (reasonably immediate postpartum period) should submit the request using the form found at https://www.utrgv.edu/pregnancyandparenting for review by **Student Accessibility Services.**

Student Accessibility Services:
Brownsville Campus: Student Accessibility Services is located in 1.107 in the Music and Learning Center building (BMSLC) and can be contacted by phone at (956) 882-7374 or via email at ability@utrgv.edu.

Edinburg Campus: Student Accessibility Services is located in 108 University Center (EUCTR) and can be contacted by phone at (956) 665-7005 or via email at ability@utrgv.edu.

MANDATORY COURSE EVALUATION PERIOD:
Students are encouraged to complete an ONLINE evaluation of this course, accessed through your UTRGV account (http://my.utrgv.edu); you will be contacted through email with further instructions. Students who complete their evaluations will have priority access to their grades. Online evaluations will be available on or about:

Spring Module 1 (7 weeks)	February 23 – March 1, 2022
Spring Regular Term 2022	April 15 – May 4, 2022
SpringModule 2 (7 weeks)	April 20 – 26, 2022

SEXUAL MISCONDUCT and MANDATORY REPORTING:
In accordance with UT System regulations, your instructor is a "Responsible Employee" for reporting purposes under Title IX regulations and so must report to the Office of Institutional Equity & Diversity (OIED@utrgv.edu) any instance, occurring during a student's time in college, of sexual misconduct, which includes sexual assault, stalking, dating violence, domestic violence, and sexual harassment, about which she/he becomes aware during this course through writing, discussion, or personal disclosure. More information can be found at www.utrgv.edu/equity, including confidential resources available on campus. The faculty and staff of UTRGV actively strive to provide a learning, working, and living environment that promotes personal integrity, civility, and mutual respect that is free from sexual misconduct, discrimination, and all forms of violence. If students, faculty, or staff would like confidential assistance, or have questions, they can contact OVAVP (Office for Victim Advocacy & Violence Prevention) at (956) 665-8287, (956) 882-8282, or OVAVP@utrgv.edu.

COURSE DROPS:
According to UTRGV policy, students may drop any class without penalty earning a grade of DR (drop) until the official drop date. Following that date, students must be assigned a letter grade and can no longer drop the class. Students considering dropping the class should be aware of the "3-peat rule" and the "6-drop" rule so they can recognize how dropped classes may affect their academic success. The 6-drop rule refers to Texas law that dictates that undergraduate students may not drop more than six courses during their undergraduate career. Courses dropped at other Texas public higher education institutions will count toward the six-course drop limit. The 3-peat rule refers to additional fees charged to students who take the same class for the third time.

STUDENT SERVICES:
Students who demonstrate financial need have a variety of options when it comes to paying for college costs, such as scholarships, grants, loans and work-study. Students should visit the Student Services Center (U Central) for additional information. U Central is located in BMAIN 1.100 (Brownsville) or ESSBL 1.145 (Edinburg) or can be reached by email (ucentral@utrgv.edu) or telephone: (956) 882-4026. In addition to financial aid, U Central can assist students with registration and admissions.

Students seeking academic help in their studies can use university resources in addition to an instructor's office hours. University Resources include the Advising Center, Career Center, Counseling Center, Learning Center, and Writing Center. The centers provide services such as tutoring, writing help, counseling services, critical thinking, study skills, degree planning, and student employment. In addition, services such as the Food Pantry are also provided. Locations are listed below.

Center Name	Brownsville Campus	Edinburg Campus
Advising Center AcademicAdvising@utrgv.edu	BMAIN 1.400 (956) 665-7120	EITTB 1.000 (956) 665-7120

Center Name	Brownsville Campus	Edinburg Campus
Career Center CareerCenter@utrgv.edu	BINAB 1.105 (956) 882-5627	ESTAC 2.101 (956) 665-2243
Counseling Center Counseling@utrgv.edu Mental Health Counseling and Related Services List	BSTUN 2.10 (956) 882-3897	EUCTR 109 (956) 665-2574
Food Pantry FoodPantry@utrgv.edu	BCAVL 101 & 102 (956) 882-7126	EUCTR 114 (956) 665-3663
Learning Center LearningCenter@utrgv.edu	BMSLC 2.118 (956) 882-8208	ELCTR 100 (956) 665-2585
Writing Center WC@utrgv.edu	BLIBR 3.206 (956) 882-7065	ESTAC 3.119 (956) 665-2538

Calendar of Activities (subject to change)
Every weekly topic includes an assignment and some sort of activity or lab.

1. HTML & CSS
2. JavaScript
3. Server-side routes and templates
4. Server-side database and SQL
5. Routing, session, and security
6. JavaScript DOM Manipulation
7. AJAX, JSON, and API routes
8. Midterm
9. Advanced JavaScript
10. React and JSX
11. React hooks
12. React and AJAX
13. React controlled components
14. React component composition
15. Final

Be sure to include important dates relative to the academic calendar. The UTRGV academic calendar can be found on My.UTRGV at the bottom of the screen prior to login. Some important dates for Fall 2021 include:

Spring Module 1
January 12   First day of classes.
January 12   Last day to add a class or register for Spring 2022 Module 1 classes.
February 22   Last day to drop a class or withdraw.
March 2   Final Exams (Term Ends)
March 4   Grades Due at 3 p.m.

Spring Regular Term
January 18   First day of classes.
January 23   Last day to add a class or register for Spring 2022 classes.
March 14-19   Spring Break. No classes.
April 11   Last day to drop a class or withdraw.
April 15-16   Easter Holiday. No classes.
May 5   Study Day – NO classes
May 6-12   Final Exams
May 16   Grades Due at 3 p.m.

Spring Module 2
March 9	*First day of classes.*
March 9	*Last day to add a class or register for Spring 2022 Module 2 classes.*
April 19	*Last day to drop a class or withdraw.*
April 27	*Final Exams (Term Ends)*
April 29	*Grades Due at 3 p.m.*

DEAN OF STUDENTS RESOURCES:
The Dean of Students office assists students when they experience a challenge with an administrative process, unexpected situation such as an illness, accident, or family situation, and aids in resolving complaints. Additionally, the office facilitates student academic related requests for religious accommodations, support students formerly in foster care, helps to advocate on behalf of students and inform them about their rights and responsibilities, and serves as a resource and support for faculty and campus departments.

Vaqueros Report It allows students, staff and faculty a way to report concern about the well-being of a student, seek assistance in resolving a complaint, or report allegations of behaviors contrary to community standards or campus policies.

The Dean of Students can be reached by emailing dos@utrgv.edu, by logging into Virtual Office hours in which a representative is available Monday-Friday 9:00-11:00 a.m. and 1:00-4:00 p.m, or by visiting one of the following office locations: Cavalry (BCAVL) 204 or University Center (EUCTR 323). Phone: 956-665-2260.