Boston University-MET Department of Computer Science
MET CS 601: Web Application Development
Spring 2026 Syllabus

Description

This course builds on essential front-end development skills and expands into modern web application development for desktop and mobile devices. Students strengthen their JavaScript foundations through DOM manipulation, event handling, and asynchronous programming using the Fetch API. Responsive design techniques are emphasized, including Flexbox and CSS Grid. The course includes an introduction to TypeScript and static typing, and concludes with a comprehensive study of React, focusing on component-based architecture and state management. Students are also introduced to professional development tools and workflows such as Git/GitHub, API integration using Next.js, deployment platforms such as Vercel, and database fundamentals to support secure data storage.

Teaching Staff

Taymaz Davoodi, *Lecturer* (tdavoodi@bu.edu, CDS-926)

Meeting Times and Places

Lectures:

A1: Tue 6:00 – 8:45 PM at CAS-315.

Office Hours

See the "**Course Calendar**" under (**Blackboard >> Documents**).

Late assignment submission:

There will be a **10% deduction** for assignments that are up to 24 hours late. We will not accept any assignment that is more than 24 hours late. Plan your time carefully, and don't wait until the last minute to begin an assignment. Starting early will give you ample time to ask questions and obtain assistance from members of the course staff.

Final Project

The final project is due on **Wed, April 29, 2026,** and includes two components:

1. A web-app built by a group over the course of the semester, with **individual contributions**.
2. A short presentation of the web-app to the rest of the class. You will present your project to your peers on **Tuesday April 28th**.

Course Grade

Weights (%)		Points
50	Midterms	100 x 2 = 200
10	Attendance	13-3=10
20	Mini-Projects (6)	25 x 5 = 100
20	Final Project	100
100		

Course Material

WebStorm, installation instructions in Blackboard under "**Course-Tech**"

Set-up a **GitHub** account with your **BU-email**

Set-up a **Vercel** account and connect your GitHub account to it.

Gradescope for Assignment Submissions

Blackboard for Class Recourses and FP Submissions

Collaboration Policy

Unless otherwise stated, collaboration among students is prohibited. It is okay to study with a friend or classmate for quizzes and exams, and you may discuss ideas and approaches with others; however, when submitting your assignments, you must acknowledge any collaboration and ensure that the actual solutions are completed individually. Discussions should be kept at a high level without sharing specific solution details or other types of answers.

AI Policy

If your assignment solutions include AI-generated content or concepts not covered in the lectures, you will be required to explain your work to the instructor. If your explanations were not satisfactory, you will receive a grade of zero for that assignment. Repeated violations will lead to disciplinary actions, up to and including expulsion.

Attendance Policy

Students are expected to comply with Boston University's attendance policy as well as the attendance requirements specific to this course. Regular and punctual attendance is essential for successful completion of the course.

Attendance Requirement and Credit
Attendance accounts for 10% of the final course grade. To receive full attendance credit, students must attend at least 85% of all scheduled class sessions.

BU's Attendance Policy:
Students are expected to attend each class session unless they have a valid reason for being absent. Students may be required at any time to account for undue irregularity in attendance, either by personal explanation to their faculty advisor or dean or by written statement from a parent or another authority. Any student who has been excessively absent from a course may be recommended to withdraw from that course without credit. Students who expect to be absent from class for more than five days should notify their dean promptly.

Students absent from classes more than two days for illness should be under a doctor's care. Students who are absent five days or more for illness should present to Student Health Services a certificate of fitness from their physician or be examined at the University Clinic.

METCS-601's Attendance Policy:
"Attending days" include:
- Lectures
- Labs
- Exam days (midterms and final exams)

Allowable Absences (No Documentation Required):
　　　Students may miss up to 15% of all attending days without providing documentation, and without any penalty to their attendance grade.

Example:
　　　If the semester includes 13 attending days, students may miss up to 2 sessions (15%) with no impact on their attendance credit.

　　　These absences may be used at the student's discretion for any reason

Absences Beyond the Allowable Limit:
　　　Once a student has exhausted their allowable absences, any additional absences will affect the attendance grade unless proper documentation is provided and approved. Documentation must be submitted promptly and may be subject to verification.

Acceptable Reasons for Excused Absences (with Documentation):
- Medical appointments or medical emergencies
- Faith-based religious holidays
- Job interviews
- Court orders or jury duty
- Death in the immediate family

　　　**Approval of excused absences is at the instructor's discretion. **

Unacceptable Reasons for Excused Absences
- Car trouble or traffic delays
- Public transportation delays (bus, subway, commuter rail, etc.)
- Oversleeping or forgetting to set an alarm
- Missed or delayed flights.

Academic Misconduct

Familiarize yourself with BU's Academic Conduct Code:

http://www.bu.edu/academics/policies/academic-conduct-code

Prohibited behaviors include:
- copying all or part of someone else's work, even if you subsequently modify it; this includes cases in which someone tells you what you should write for your solution
- viewing all or part of someone else's work (with the exception of any work that you and your partner do together on a pair-optional problem)
- showing all or part of your work to another student (with the exception of any work that you and your partner do together on a pair-optional problem)
- consulting solutions from past semesters, or those found online or in books
- posting your work where others can view it (e.g., online).

Incidents of academic misconduct will be reported to the Academic Conduct Committee (ACC). The ACC may suspend/expel students found guilty of misconduct. ***At a minimum, students who engage in misconduct will have their final grade reduced by one partial letter grade (e.g., from a B to a B-).***

Other Policies

- You are responsible for reading course-related emails from the instructor and teaching fellow, which will be sent to your bu.edu email address through **Blackboard**.
- Use laptops and other devices for notetaking, polling, and coding only.

Note:

This syllabus is subject to change. Any modifications will be communicated through course-related announcements and emails.