
WEB APPLICATIONS in Fall 2019 (CS3051)

Course Code	CS3051	Professor(s)	Tomer Libal
Prerequisites	None	Office Number	
Class Schedule	MR: 15:20-16:40 in PL-2	Office Hours	By appointment
Credits	4	Email	tlibal@aup.edu
Semester	Fall 2019	Office Tel. Ext.	

Course Description

The web applications world is going through many transformations in recent years. Originally conceived as a vehicle for delivering documents, it is now being used as a platform for sophisticated interactive applications, taking the place of traditional desktop ones. Web-based applications offer numerous advantages, such as instant access, automatic upgrades, and opportunities for collaboration on a massive scale. However, creating Web applications requires different approaches than traditional applications and involves the integration of numerous technologies on both the client and the server sides.

In this course we will cover technologies such as HTML, CSS and frameworks, JavaScript, VueJS and Node.js.

Course Learning Outcomes

General Education

Course Outline

Week 1 – 2nd – 6th

Introduction and HTML

September 8th – last day to drop/add courses online

Week II – 9th – 13th

CSS and CSS Frameworks

Week III – 16th – 20th

Bootstrap 4

Week IV – 23th – 27th

Bootstrap 4

Week V – 30th – 4th

JavaScript, git, github and gitpod

October

Week VI – 7th – 11th

JavaScript

Week VII – 14th – 18th

Midterm and ssummary

October 16th, Mid-semester

October 18th, Mid-semester grades due

Week VIII – 21st – 25th

VueJS

Week IX - 28th – (1st)

VueJS

October 30th – November 3rd, fall break (no classes)

November

Week X - 4th – 8th

VueJS

November 4th, last day to withdraw from a course /no credit option

Week XI – 11th – 15th

NodeJS

November 11th – 12th, Armistice Break (no classes)

Week XIII – 18th – 22nd

NodeJS

Week XIV – 25th – 29th

NodeJS

December

Week XV – 2nd – 6th

NodeJS

December 6th, last day of classes,

December 7th - 11th, reading days

December 12th – 18th, Final Exam

January 2nd, all grades due

Textbooks

This course doesn't have any textbook.

Attendance Policy

Students studying at The American University of Paris are expected to attend ALL scheduled classes, and in case of absence, should contact their professors to explain the situation. It is the student's responsibility to be aware of any specific attendance policy that a faculty member might have set in the course syllabus. The French Department, for example, has its own attendance policy, and students are responsible for compliance. Academic Affairs will excuse an absence for students' participation in study trips related to their courses.

Attendance at all exams is mandatory.

IN ALL CASES OF MISSED COURSE MEETINGS, THE RESPONSIBILITY FOR COMMUNICATION WITH THE PROFESSOR, AND FOR ARRANGING TO MAKE UP MISSED WORK, RESTS SOLELY WITH THE STUDENT.

Whether an absence is excused or not is ALWAYS up to the discretion of the professor or the department. Unexcused absences can result in a low or failing participation grade. In the case of excessive absences, it is up to the professor or the department to decide if the student will receive an "F" for the course. An instructor may recommend that a student withdraw, if absences have made it impossible to continue in the course at a satisfactory level.

Students must be mindful of this policy when making their travel arrangements, and especially during the Drop/Add and Exam Periods.

Grading Policy

- 20% midterm exam
- 40% homework
- 40% final project

Other
