

Course Schedule

Lesson 1 (1/11-1/19): Course Information, Getting Started, ABCs of Programming and Basic JavaScript Instructions (Assignments are due by Tuesday, 1/19 11:59pm)

- Syllabus, Schedule, and Course Information
- Student Profile Glossary
- Discussion: Introductions
- Chapter 1: The ABCs of Programming
- Chapter 2: Basic JavaScript Instructions
- Assignment #1

Lesson 2 (1/19-1/26): Functions, Objects and Methods (Assignments are due by Tuesday, 1/26, 11:59pm)

- Chapter 3: Functions, Objects and Methods
- Assignment #2

Lesson 3 (1/26-2/2): Selection and Repetition (Assignments are due by Tuesday, 2/2, 11:59pm)

- Chapter 4: Decisions and Loops
- Assignment #3
- Unit 1 Quiz (Chapters 1,2,3,4)

Lesson 4 (2/2-2/9): The DOM (Assignments are due by Tuesday, 2/9, 11:59pm)

- Chapter 5: Document Object Model
- Assignment #4

Lesson 5 (2/9-2/16): Events (Assignments are due by Tuesday, 2/16, 11:59pm)

- Chapter 6: Events
- Discussion Forum: Pros and Cons of JavaScript
- Assignment #5

Lesson 6 (2/16-2/23): jQuery

(Assignments are due by Tuesday, 2/23, 11:59pm)

- Chapter 7: jQuery
- Final Project Proposal
- Assignment #6
- **Term Project:** Start working on milestone 1 and the milestone slideshow

Lesson 7 (2/23-3/2): Ajax & JSON

(Assignments are due by Tuesday, 3/2, 11:59pm)

- Chapter 8: Ajax & JSON
- Assignment #7
- Unit 2 Quiz (Chapters 5,6,7,8)
- **Term Project:** Continue working on milestone 1 and the milestone slideshow

Lesson 8 (3/2-3/9): APIs

(Assignments, Final Project Milestone 1 and the Mini Showcase Slideshow are due by Tuesday, 3/9, 11:59pm)

- Chapter 9: APIs
- Certiport Account Creation
- Assignment #8
- Term Project: Finish working on milestone 1 and the milestone slideshow
- Discussion Forum: Share your final project milestone with the class

Lesson 9 (3/9-3/16): Error handling and debugging

(Assignments are due by Tuesday, 3/16, 11:59 pm)

- Chapter 10: Error Handling & Debugging
- Assignment #9
- Problem Solving assignment and discussion
- Create a GitHub repository for your final project and commit the final project (if you do not have a GitHub account, you will need to create the account first)
- **Term Project:** Start working on milestone 2 and the milestone slideshow

Lesson 10 (3/16-3/23): Content Panels

(Final Project milestone 2, the milestone slideshow and all assignments are due by Tuesday, 3/23, 11:59pm)

- Chapter 11: Content Panels
- Assignment #10
- **Term Project:** Finish working on milestone 2 and the milestone slideshow
- Discussion Forum: Share final project milestone 2 with the class

Lesson 11 (3/23-3/30): Filtering, Searching and Sorting

(Assignments are due by Tuesday, 3/30, 11:59 pm)

- Chapter 12: Filtering, Searching & Sorting
- Assignment #11
- Commit milestone 2 to your Git repository
- **Term Project:** Start working on milestone 3 and the final milestone slideshow

Lesson 12 (3/30-4/6): Form enhancement/validation

(Assignments are due by Tuesday, 4/6, 11:59pm)

- Chapter 13: Form Enhancement & Validation
- Assignment #12
- **Term Project:** Work on milestone 3 and the final slideshow for your project

Lesson 13 (4/6-4/18): Term projects

(All assignments/quizzes are due **Sunday, 4/18, by 11:59 p.m.)**

- Discussion Forum: How design affects site appeal and effective communication of content.
- Unit 3 Quiz (Chapters 9,10,11,12,13)
- Complete final project milestone 3 and the final showcase slideshow
- Commit milestone 3 to the JavaScript Term Project GitHub repository
- Discussion Forum: Sharing your final project
- Discussion Forum: Peer Review (not due until 4/26)

Lesson 14(4/13-4/26): Final Project Showcase
(Assignments are due Tuesday, 4/26, by 11:59 p.m.)

- Discussion Forum: Peer Review
- Complete your ePortfolio (or update your existing Portfolio)
- MTA exam prep

Lesson 15(4/19-4/26): Final Exam
(Please check the testing schedule posted in Moodle for final exam dates and times)

- Your final exam is the MTA 98-382 Introduction to Programming Using JavaScript exam. The exam must be taken in the professional testing center on the AeroPark campus (the testing center is on the second floor of the Parsons-Stulen building).

Note: Changes may be made by your instructor to the schedule, as needed.