Course Syllabus

week	monday	work
1	**january 26**	Introduction/Setup HTML/CSS Review Review of Positioning **Homework:** Register with LMS, fill in details, create a valid page. **Reading**: Buy Book - JavaScript & jQuery
2	**february 2**	Homework Review Advanced CSS CSS Shapes & Positioning **in-class:** CSS Exercises **Homework:** Create 3 complex icon/shapes in css **Reading**: Introduction + Chapter 1: The ABC of Programming
3	**february 9**	*CSS Review* CSS Shapes & Animation Continued **in-class:** Animation Exercises **Homework:** Start on CSS Machine project **Reading**: Chapter 2: Basic JavaScript Instructions
	february 16	Holiday - NO CLASSES!
4	**february 23**	*Homework Review* JavaScript Timers Basic jQuery (selectors, show, hide) Responding to events on the page (click, hover) **in-class:** jQuery exercises **Homework:** Finish CSS Machine Project **Reading**: Chapter 3: Functions, Methods & Objects
5	**march 2**	*Homework Review* Drawing with JavaScript Intro to Functions and Loops **in-class:** Drawing exercises **Homework:** 3 static patterns **Reading**: Chapter 4: Decisions and Loops
	march 9	Spring Break - NO CLASSES!
6	**march 16**	*Homework Review* More Functions and Loops Animating with JavaScript **in-class:** Animation exercises **Homework:** JavaScript Animation, Scrolling Story Proposal **Reading**: Pages 184-187, Chapter 7: jQuery

7	march 23	*Critique Scrolling Story Proposal* jQuery in Depth Scrolling Story Framework
		in-class: jQuery exercises **Homework:** start on scrolling story **Reading**: Chapter 6: Events
8	march 30	*Homework Review* More jQuery Intro to APIs and JSON Review scrolling story API
		in-class: Work on scrolling story **Homework:** Finish scrolling story **Reading**: Chapter 8: API & JSON
9	april 6	*Scrolling Story Project Status Review* APIs and JSON in Depth Intro to Collection Project
		in-class: displaying data with jQuery **Homework:** Finish scrolling story, Collection project proposal **Reading**: Chapter 10: Error Handling & Debugging
10	april 13	*Review Scrolling Story Project* Filtering and Animating Data
		in-class: Simple data display and filtering **Homework:** Collection project design **Reading**: Chapter 12: Filtering Sorting & Searching
11	april 20	*Review Homework* Filtering and Animating Data, class 2
		in-class: Advanced filtering and sorting **Homework:** Work on Collection Project HTML/CSS
12	april 27	Working Class - Final Project
13	may 4	Final Project - Presentations
14	may 11	Last Day of Classes - Senior Portfolio Night

Course Description

This course focuses on building dynamic, interactive websites using JavaScript and jQuery. The course will provide students with the basics of programming on the Web and show them how to build dynamic, animated content.

Course Learning Outcomes

Demonstrate the ability to think abstractly about code and programming
Ability design and debug moderately complex dynamic web pages
Ability to take a design through execution, adjusting the design to fit the constraints of the media.

Students with Disabilities

Massachusetts College of Art and Design is committed to fostering the academic, personal, and professional growth of our students. We are especially committed to ensuring that students with documented disabilities, as defined under the Americans with Disabilities Amendments Act of 2008 (ADAAA), are provided equal access to all campus resources and opportunities. If you believe you have a disability that may warrant accommodations, I urge you to contact Ms. Erla Shehu (Erla.Shehu@massart.edu or 617-879-7692) in the Academic Resource Center, Tower 550. The Academic Resource Center provides access to a learning specialist, an academic coach and professional tutors.

Grading System

Students in Graphic Design are expected to deliver work for critique weekly, participate in classwork and class discussions, and turn in their completed work when it is due. Students are entitled to receive timely and regular evaluation of their coursework from their faculty so that they understand how they are performing in each course.

Department Academic Progress

Students in the Graphic Design Department must maintain a C+ average in their required major courses per term to proceed in the major. Students whom the faculty feel would benefit from a check-in of their progress may receive written notice of a Mid-Semester Review for the following semester. This is not a formal review, and no special action is required of students—faculty will write up an evaluation based on the current coursework and performance of the students being reviewed. Students who do not achieve a minimum C+ average in their major courses are considered to be on departmental probation. Any course in which a student on departmental probation receives a C or below must be retaken. Due to the sequential nature of the Graphic Design program's courses, this may entail taking a "special program" until the required course in question is offered again the following year. Such a special program will be designed by the Chair on a case-by-case basis. If the grades of a student on probation fall below a C+ average a second time, the student is subject to dismissal from the program. Students at all levels are allowed to repeat a semester or year *only once* in the program, after which they will be dismissed from the major. Reviews in Graphic Design occur twice a year—in December and in May; review times are posted in the Design Office the week before reviews. Review performance is factored into students' final course grades by their instructors. Students are required to attend their reviews; lateness of more than 5 minutes beyond the posted review time is considered missing the review. Missing a review without written proof of a medical or family emergency is grounds for failing all required Graphic Design courses for that semester.

Course Attendance

The college-wide policy permits no more than two absences per semester for a course that meets once a week prorated for classes that meet on a different schedule.

Plagiarism

Whenever your work incorporates someone else's research, images, words, or ideas, you must properly identify the source unless you can reasonably expect knowledgeable people to recognize it. Proper citation gives credit where it is due and enables your readers to locate sources and pursue lines of inquiry raised by your paper. Students who do not comply will be penalized. For further information, see the MassArt Student Handbook or consult with the Academic Resource Center.

Classroom Accommodations for Students with Disabilities

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Grading

Students in Graphic Design are expected to deliver work for critique weekly, participate in classwork and class discussions, and turn in their completed work when it is due. Students are entitled to receive timely and regular evaluation of their coursework from their faculty so that they understand how they are performing in each course.

Grades are defined as follows:
- **A**   Exceptional work in all respects
- **B**   Above average work, distinguished in certain but not all respects
- **C**   Adequate work
- **D**   Below average work. This is the lowest grade allowable for course   credit
- **F**   Failing work. No credit is given
- **H**   Work that shows the highest distinction, well above the expectations for course credit
- **NC**   No Credit. Work that does not meet the expectations of the course
- **W**   Withdrawn from the course. No credit earned
- **Inc**   Incomplete. A temporary designation indicating that at least 80% of the course requirements have been met and that the remaining course requirements are required to be completed, and a permanent designation issued, by the subsequent mid-semester. The student is responsible for having an Individual Grade Sheet completed by the appropriate faculty member and filed with the registrar. If the student does not complete the course work, a non-passing grade will be issued after the midpoint of the following semester. Incompletes are offered at the discretion of the faculty. It is the student's responsibility to complete the required work by the agreed-upon deadline.