

Interactive Arts Media I Syllabus

Course: Arts Col 5140

Time: Monday/Wednesday 5:30pm - 6:50pm

Location: Sullivant Hall 0349A

Instructor: Jeremy Patterson

Email: patterson.680@osu.edu

Office Hours: 7:00pm - 8:00pm Monday and Wednesday, or by appointment

Course Website: <http://accad.osu.edu/~jpatters/5140/>

Syllabus [pdf]: [Interactive Arts Media I Syllabus](#)

Calendar: <http://accad.osu.edu/~jpatters/5140/calendar.php>

Projects: <http://accad.osu.edu/~jpatters/5140/assignments.php>

Required Materials

An active Safari O'Reilly (<http://safari.oreilly.com/>) Basic account with at least ten bookshelf slots.

Description

This course focuses on developing interactive media for web delivery. Fundamental web development concepts using minimal development tools are introduced in order to reinforce technique that may be applied beyond the scope of this introductory class. Additionally tools which improve interactive media production efficiency are demonstrated. The overview approach to the concepts of interactive multimedia development provides students with the functional knowledge needed to support theory, techniques, and resources in interdisciplinary environments.

Overview

Class lectures and assignments will reinforce the following fundamental concepts:

- Simple web concepts (How media is delivered over the web)
- Simple web production and component design concepts (HTML/CSS)
- Information architecture and design for the web
- Development tools that speed up web content production (Brackets)
- Graphic design for the web
- Graphic development tools for web design/graphic production (Adobe Photoshop)
- Atomic Design principals
- Introduction to JavaScript and its capabilities
- Using tools for site management (Hosted CMS systems and Brackets)
- CSS3 and CSS animations
- Media queries and responsive web development
- Mobile web development through mobile-first strategies

The course will rely heavily on the web as a information resource. O'Reilly Safari online (<http://safari.oreilly.com/>) will act as a main source of class reading assignments and information gathering. Safari offers the best aspect of web research: ease of information location, with the added benefit of being a highly regarded and well-respected information resource. The information provided on this service is well researched by professionals, and can be trusted as definitive. Most reading assignments for this course will be provided through the O'Reilly Safari service. Assigned readings for this course are very important as a supplement to in class demonstrations, and students are expected to complete all assigned readings before class begins.

Interactive Arts Media I will use Google Chrome (<https://www.google.com/chrome>) as its standardized development platform. All content created for this course should run without issue in Chrome release 32 and above. If content does not run without flaw in Chrome 32 and above, the student's grade will be adversely affected.

Course Projects

- **Assignment 1:** Biography Web Page - 10% of final grade
- **Assignment 2:** Site Architecture - 20% of final grade
- **Assignment 3:** Site Design - 20% of final grade
- **Assignment 4:** Site Development - 25% of final grade
- **Assignment 5:** Final Project - Mobile Site - 25% of final grade

Grading Scale

- A = 100% - 94%
- A- = 93% - 91%
- B+ = 90% - 89%
- B = 88% - 83%
- B- = 82% - 80%
- C+ = 79% - 78%
- C = 77% - 73%
- C- = 72% - 71%
- D+ = 70% - 69%
- D = 68% - 64%
- E = 63% - 0%

Grading Policy

Students will be graded on their class attendance and participation, as well as completion of assigned projects. Projects are comprised of base level criteria, which students can meet for an average level grade. Students are expected to produce professional level content that demonstrates a mastery of raw technique as well as an attention to aesthetic quality. In the case of interactive media, a professional level result is aesthetically pleasing while functionally sound. 'A' level work is a well-designed piece which meets and exceeds all base requirements. 'C' level work simply meets the base requirements set forth for each project. Work that is 'D' level and below fails to meet any or all of the project's base requirements. Projects must be completed on time and submitted at the beginning of the class on the day they are due. Projects that are submitted late will receive a lower score.

Students are graded on the quality of the project as well as the mastery of technique. In order to assess technique, the source material will be evaluated to ensure that methodologies taught in class are utilized for the final result for each assignment.

Attendance and participation are mandatory parts of the course. Students are expected to participate in class critiques of projects, as well as discussion pertaining to example work. Students score will drop a letter grade per unexcused absence; more than 4 unexcused absences will result in a failing grade.

Academic Dishonesty

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-487). For additional information, see the Code of Student Conduct <http://go.osu.edu/Vn9>.

Accommodations for Students with Disabilities

It is the intent of the University and its instructors to provide access to support services and programs that enable students with disabilities to succeed in this course. Students with disabilities are responsible for making their needs known to the instructor and seeking available assistance in a timely manner. Students will be referred to the Office for Disability Services (ODS), located in Pomerene Hall, for further assistance (call 614-292-3307 or visit 150 Pomerene Hall).

Personal Safety

The University Escort Service operates until 3am when classes are in session (i.e. not during quarter breaks and University holidays), and will assist OSU students who live off campus as well as on campus. The University Escort Service can be contacted at 614-292-3322, and scheduled pick-ups are taken in advance.

Course Bibliography

HTML & XHTML: The Definitive Guide, 6th Edition

By: Chuck Musciano, Bill Kennedy

Publisher: O'Reilly Media, Inc.

Pub Date: October 17, 2006

ISBN: 0-596-52732-2

CSS: The Definitive Guide, Third Edition

By: Eric A. Meyer

Publisher: O'Reilly Media, Inc.

Pub. Date: November 7, 2006

Print ISBN-13: 978-0-596-52733-4

Information Architecture for the World Wide Web, 3rd Edition

By: Peter Morville, Louis Rosenfeld

Publisher: O'Reilly Media, Inc.

Pub Date: November 27, 2006

ISBN: 0-596-52734-9

Learning Responsive Web Design

By: Clarissa Peterson

Publisher: O'Reilly Media, Inc.

Pub. Date: June 23, 2014

ISBN-13: 978-1-4493-6294-2