

## Internet Studio 2

ATCM 3335

Section 501

Spring 2018

Tuesdays, 7:00 – 9:45pm

ATC 3.601

Ken Starzer, Lecturer

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Course Website: <http://www.starzer.net/is2>

Office Hours: by appointment

### Course Description

Explores advanced methods and techniques related to web design and production. Students will explore and implement a range of new web technologies and how to best serve user needs with these new interactions.

### Coursework

Your coursework will consist of:

- Weekly web publishing assignments
- Reading assignments
- In-class technology research presentation to learn
- Final Rich Interactive Project

### Learning Outcomes

Upon completion of this course, you will be able to meet the following learning outcomes:

- **Build** sites based on web standards and using human-centered design
- **Create** dynamic interactions using jQuery and JavaScript
- **Critique** web designs based on design principles rather than feelings or hunches

### What I Expect of you

- Attendance to all classes\*
- All assignments need to be completed on time\*\*
- All students need to participate individually and as a contributing member of the class, especially in sharing discoveries with one another

### Grading

Because this course builds on concepts learned week-to-week, it's important that you participate individually and collectively to insure that everyone has a successful learning experience.

You'll be evaluated on:

- 20% — Attendance and participation, (actively discussing, asking questions)

- 30% — Weekly assignments,
- 20% — Completion of your midterm project, and
- 30% — Completion of your final project.

### Classroom Conduct

- Students are to focus their attention on the subjects at hand in the classroom, i.e., lectures, presentations, discussions, and set aside all other activities.
- All open communication (talking) should be relevant to the subject at hand and have value to the class as a whole.
- Competitiveness between students will be friendly and encouraging at all times.
- All other rules of behavior will be discussed and agreed to by the class on the first day.

### Required Supplies

Book: [JavaScript & jQuery: The Missing Manual \(3<sup>rd</sup> edition\) by David Sawyer McFarland](#). [Buy it on Amazon](#)

- Purchase of domain and hosting web space (\$10/month or \$100/year)
- High-capacity USB flash drive or online storage account, such as Dropbox.
- Sketchbook

### Course Schedule

|                                  |  |
|----------------------------------|--|
| <b>Jan 9 – Jan 16</b><br>2 weeks | <b>Intro and review</b><br>Intros, syllabus, overview, goals, expectations, supplies, etc.<br>Review foundations of HTML and CSS   |
| <b>Jan 23 – Feb 6</b><br>3 weeks | <b>Web Standards &amp; Javascript</b><br>Week 1      Advanced HTML5 and CSS3/Intro to Javascript<br>Week 2      The Grammar of Javascript<br>Week 3      JS Logic and Control                        |
| <b>Feb 13 – Mar 6</b><br>4 weeks | <b>jQuery</b><br>Week 1      Falling in Love with jQuery<br>Week 2      jQuery Events<br>Week 3      Animations & Effects<br>Week 4      Common jQuery Tasks/<br><b>Midterm Project Presentatons</b> |
| <b>Mar 13</b><br>1 week          | <b>Spring Break</b>  |
| <b>Mar 20 – Apr 3</b><br>3 weeks | <b>jQuery UI</b><br>Week 1      Expanding Your Interface<br>Week 2      Customizing the Look of jQuery UI<br>Week 3      jQuery UI Interactions and Effects  |

**Apr 10 – Apr 17**      **Advanced jQuery & JavaScript**  
2 weeks              Week 1      Introducing Ajax  
                            Week 2      Building a To-Do List Application

**Apr 24 – May 1**      **Wrap-Up and Final Projects**  
2 weeks              Week 1      Lab Time for Projects  
                            Week 2      **Final Project Presentations**

**Midterm Project & Presentation – Due: March 6, 2018**

Usually, non-profit organizations are in most need of assistance in communicating their goals. Redesign any non-profit organization's website. They do not have to know that you are redesigning their website.

**Semester Project & Presentation – Due: May 1, 2018**

You will form groups to create a rich, interactive experience. Groups may include the following team members:

- Front-end designer (HTML, CSS)
- Back-end designer (JavaScript, MySQL)
- User experience, interaction designer
- Usability analyst

**Grading Scale**

A      91-100 Excellent  
B      81-90 Above Average  
C      71-80 Average  
D      61-70 Poor  
F      00-60 Failing

**Grading Weights**

20 Points Attendance (15 at 1.3 points each)\*  
30 Points Assignments (13 at 2.3 points each)\*\*  
20 Points Midterm Project  
30 Points Final Project & Presentation

\*Attendance and Tardy Policy – Attendance is mandatory. Lack of attendance will affect your grade because absences will not only leave holes in understanding of the lesson contents but also degrade the benefit to other students in regard to discussions and work sessions. Coming to class late or leaving early will also be counted as absences without prior approval from the instructor. Use of classroom computer(s) or personal laptops during class for any use other than to take notes or complete in-class assignments will result in docked attendance points.

\*\*Assignments not turned in on time (7:00pm on the due date) will be docked 1.0 point (i.e., from 2.3 to 1.3). Assignments not turned in by 7:00pm one week after the due date will receive a 0.

## **UT Dallas Syllabus Policies and Procedures**

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to <http://go.utdallas.edu/syllabus-policies> for these policies.

**The descriptions and timelines contained in this syllabus are subject to change  
at the discretion of the Professor.**