

## Class

Time	Tuesday & Thursday from 5:30 pm – 6:45 pm
Room	Flarsheim 462
Office Hours	Tuesday & Thursday from 3:00 pm – 5:00 pm, or by appointment

## Instructor

Instructor	Rachel J. Morris, Adjunct Instructor
Email	RJMFFF@UMKC.EDU
Office	Flarsheim 450G
Office phone	(816) 235-5976

## Tools

Suggested Books	<ul style="list-style-type: none"><li>• HTML &amp; XHTML Pocket Reference</li><li>• CSS Pocket Reference</li><li>• PHP Pocket Reference</li><li>• JavaScript Pocket Reference</li></ul>
Class Website	Course content is available on the class webpage: <a href="http://moosader.github.io/Web-Development/">http://moosader.github.io/Web-Development/</a> Blackboard will be used as-needed
Source Control	We will be using Git with BitBucket. We will go over how to use Git via the CLI (Command-Line interface). Git Bash is available in the computer labs.
IDE (Integrated Development Environment)	The IDE you use is up to you. You will need a text editor of some sort. Suggested: <ul style="list-style-type: none"><li>• Notepad++ <a href="http://www.notepad-plus-plus.org/">http://www.notepad-plus-plus.org/</a></li><li>• Geany <a href="http://www.geany.org/">http://www.geany.org/</a></li></ul>

## **Course Objectives**

By the end of the semester, students will be able to:

1. Build dynamic web applications and websites using Open Source technology like PHP and MySQL.
2. Design and build websites with good UX (User Experience) by being adept with HTML, and CSS.
3. Design and implement basic databases.
4. Enhance webpages through JavaScript, JQuery, and AJAX.
5. Host a web-server using Apache, and/or be able to set up a website on a paid hosting solution.

## **Course Layout**

During the course, we will go over the topics specified in the class description. There will be three major forms of assessment for students:

### **Group Semester Project**

Students will pair up in groups of no more than three people to work on a large web project throughout the semester.

Students get to decide the content and focus of the website, and will be graded regularly after pre-determined milestones.

All students are expected to participate in group projects and work on the same topics. We will discuss how to split up work and ways to effectively manage projects.

### **Personal Projects**

Students will be given personal projects to work on to practice new skills related to HTML, CSS, JavaScript, PHP, MySQL, etc.

These projects should be a solo-effort, and students are expected to do their own work alone.

### **Exams**

There will be a midterm exam and a final exam covering conceptual knowledge related to web development. We will have course reviews prior to the exams.

## Grading

Students will be graded based on their test scores, group project work (and participation), and the personal projects.

Item	Points (Each)	Amount	Approximate Weight
Exams	100	2	22%
Personal Projects	10	16	35%
Semester Group Project	200	1	43%

## Grade Breakdown

Grade	Point Range
F	$x < 60\%$
D-	$60\% \leq x < 63\%$
D	$63\% \leq x < 66\%$
D+	$66\% \leq x < 70\%$
C-	$70\% \leq x < 73\%$
C	$73\% \leq x < 76\%$
C+	$76\% \leq x < 80\%$
B-	$80\% \leq x < 83\%$
B	$83\% \leq x < 86\%$
B+	$86\% \leq x < 90\%$
A-	$90\% \leq x < 93\%$
A	$x \geq 93\%$

## Late Work

Since many students may be new to Source Control and Git, I will give a grace period of one day on each assignment – this is to get your assignment *uploaded*, and *not* to do last-minute work.

After the one-day grace period, you will lose a letter-grade per day until the assignment is turned in.

If you're having technical issues, please let me know ahead of time.

## Withdrawal

Students who withdraw by 2013-10-12 there will be no academic assessment and students will receive a "W" in the class. Afterward, a "W" or "WF" assessment will be given at the instructor's discretion.

## Incomplete Grades

An incomplete grade may be awarded to a student who, because of illness or other impairment beyond the student's control, has been unable to complete the work of the course. An incomplete grade is appropriate only when enough work in the course has been completed that the student can finish the remaining work without re-enrolling in the course or attending additional classes. In other instances, a withdrawal should be initiated by the student. An incomplete grade should be completed within six weeks after the semester is over. The work must be completed within one calendar year or the grade lapses to an "F". Students should not re-enroll in the course while the suspended grade is still outstanding.

## Academic Dishonesty

Academic Dishonesty is defined in the UMKC General Catalog under the Student Code of Conduct.

Students observed cheating on exams or assignments will, at a minimum, receive a 0 score on their assignment. Names of persons involved in these incidents will be forwarded to the campus Primary Administrative Office. Those students will be subject to sanctions as outlined in the general catalog.

Sanctions may be as serious as expulsion from the University.

### Tips:

- Do your own work: Do not copy classmates' work or code you find off the internet.
- Take advantage of resources like Stack Overflow and Q&A boards on the internet, but don't blanket-copy code from these pages. Your work should be your own.
- If you use any Open Source code to *supplement your own work* for the group project, make sure you abide by the license specified and give credit where it is due. You are still expected to build your own website, and while Open Source libraries are useful, your site *should not be* patch-worked Frankenstein monsters of code you find here and there.

## Computer Usage during class

We will be sitting at computers during class. This is a great opportunity to take notes or work on applications of what we're learning during class. I cannot stop you from slacking off in class, and the responsibility to pay attention and be prepared is on you.