Instructor Details

Name: *Matthew Lane*

Office: *ESH 316 (Student Computer Lab)*

Office Hours: *Monday and Wednesday 8PM – 9PM or by appointment*

Email: mjlny2@umsl.edu

Phone: *314-306-1186 (cell)*

Communication Means

Canvas will be the primary means for communication of coursework and announcements to students. To contact me, please contact me via Email or Text Messaging. Students are welcome to call my cell phone but I cannot always pick up the phone. If a student leaves a voicemail I will call back when I am available. I will reply via email or text within 24 hours.

Coursework

There will be four project assignments assigned throughout the semester. These projects will be individually submitted and the work will need to be unique among all submissions. All programs must run in a web browser (e.g. Chrome/Firefox). Individual project submissions that are identical to another individual's project submission will result in zero points for that project for all involved.

Coursework Submission

All coursework will be submitted through Canvas. Multiple submissions are allowed, I will only grade the latest submission. Submissions through Canvas will be allowed up until one week after the posted due date and time for each assignment. Submissions by the posted due date and time will have the ability to earn full credit. Submissions by one week after the posted due date and time will be penalized by a full letter grade (normally deducting 10 points out of 100). Submissions after one week after the posted due date and time will not be accepted and will receive zero points.

Tests

There will be two tests: a midterm and a final. All tests are open book and open notes. Cheating on tests will result in zero points for that test for all involved.

Course Details

Course description, topics, outcomes, requirements

Prerequisites*:* *CMP SCI 2261 (or concurrent enrollment). This course provides a survey of current Web technologies including markup languages (such as HTML/XHTML, CSS, XML), client side languages (such as JavaScript), server side languages (such as PERL, PHP), and Web protocols. Client-server computing projects are a course requirement.*

Textbook*: "Programming the World Wide Web", 8*th Edition, Robert W. Sebesta, Pearson, ISBN 978-0-13-377598-3*

Supplements*:* *www.w3schools.com*

Additional materials*: XAMPP is a completely free, easy to install Apache distribution containing MariaDB, PHP, and Perl.*

General Topics Covered:

- *HTML*
- *CSS*
- *JavaScript*
- *XML*
- *PHP*
- *Database Access*
- *SQL*

Course schedule

WEEK	CHAPTER	TOPICS	ASSIGNMENTS
1	*1, 2*	*Introduction & HTML*	
2	*3, 4*	*CSS, Flexbox, Bootstrap*	**Project 1 Due**
3	*5, 6*	*Javascript*	**Project 2 Due**
4	*6, 7, 8*	*Static / Dynamic Websites***MIDTERM**	**Project 3 Due**
5	*9*	*PHP*	
6	*9, 10*	*Databases & SQL*	
7	*-*	*Python*	**Project 4 Due**
8	*11*	*FINAL*	

Other course information

For many courses, you can find sample projects, sample tests and/or study guides, and additional relevant material, under the Computer Science Students organization on mygateway.umsl.edu.

Course grading

We will use the standard 10% grading scale: 90% and above gives A, 80% and above B, 70% and above C, 60% and above D, else F. All grades throughout the course will be posted on Canvas.

2 Tests	**50%**
4 Projects	50%