

INFO3180 - LECTURE 0

OVERVIEW

WHAT YOU SHOULD ALREADY KNOW

- ▶ Basic programming: loops, variables, arrays, functions/methods, Classes, OOP
- ▶ Use of a Web browser and Text Editor
- ▶ Ability to build a basic dynamic website using Javascript, HTML, CSS and PHP (or equivalent)
- ▶ Basic experience with SQL for database queries
- ▶ The CSS box model and CSS Floats

WHAT YOU SHOULD ALREADY KNOW

- ▶ HTML Forms, HTTP Requests and Responses (GET and POST)
- ▶ Regular expressions
- ▶ Event based programming with Javascript
- ▶ Experience with a Javascript Library e.g. Prototype or jQuery
- ▶ Using the GIT Version Control System

WHAT IS IN THIS COURSE?

- ▶ You are building upon the knowledge you gained in INFO2180.
- ▶ You will explore client side technologies such as jQuery, the DOM, HTML5 and CSS3
- ▶ You will be introduced to a Python based web development framework called Flask.
- ▶ Additionally you will learn a little about interface design, databases and security.
- ▶ Managing File Uploads

WHAT IS IN THIS COURSE?

- ▶ User Authentication
- ▶ You will also learn about AngularJS/VueJS, Bootstrap, JWT, Web Services/Restful API's
- ▶ Responsive Web Design
- ▶ Deploying your web application to a cloud service (e.g. Heroku)

COURSE STRUCTURE

- ▶ 12 Lectures
- ▶ 10 Tutorials
- ▶ Course Work
 - ▶ 7 Labs
 - ▶ 2 Projects
 - ▶ 1 Quiz
- ▶ Final Exam

ASSESSMENT

- ▶ Course Work - 50%
 - ▶ 7 Labs - 10%
 - ▶ 2 Projects - 30% (P1 - 10%, P2 - 20%)
 - ▶ 1 Quiz - 10%
- ▶ Final Exam - 50%
 - ▶ Section 1 - Multiple Choice
 - ▶ Section 2 - Short Answer Answer All Questions
 - ▶ Section 3 - Answer one question.

ASSIGNMENT SUBMISSIONS AND CONSULTATION TIMES

- ▶ All course materials will be posted on OurVLE.
- ▶ All coursework submissions will be done via OurVLE.
- ▶ General class/assignment related questions outside of class time should be asked using the Discussion Board/Forum on OurVLE.
- ▶ Consultation time will be done by request. Please send me an email to arrange a time.
- ▶ Email: yannick.lynfatt@uwimona.edu.jm , Please ensure that all emails have "INFO3180: <your subject here>"
- ▶ Announcements will be posted on OurVLE so please check frequently and also check your student email accounts (<https://mymona.uwi.edu>).

ANY QUESTIONS?