

CS 215

Web Oriented Programming

Syllabus Review

Dr. Orland Hoeber

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<http://www.cs.uregina.ca/~hoeber/cs215/>

Lectures & Office Hours

- Lectures

- ▣ T/Th 2:30 – 3:45 PM

- ▣ LC 100

- Office Hours

- ▣ W 2:00 – 5:00 PM

- ▣ CW 308.25

- ▣ other times by appointment only

Course Information

□ Objectives

- This course shows how interactive database-driven web applications are designed and implemented. Appropriate protocols and languages for web and database programming will be discussed, with a focus on client-server architectures, interface design, graphics and visualization, event-driven programming, information management, data modelling, and database systems.

□ Textbook

- Nixon, R. *Learning PHP, MySQL, & JavaScript, 4th Edition*, O'Reilly Media, 2014 (ISBN-13: 978-1491918661)

Evaluation Methods

- Assignments (5 x 7%): 35%
 - Lab Assignments (10 x 1.5%): 15%
 - Midterm Exam (Oct 24): 15%
 - Final Exam (Dec 12): 35%
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- You must pass the final exam to pass the class
 - Your final grade may be adjusted by up to +/-5% at the instructor's discretion

UR Courses

- <http://www.uregina.ca/urcourses/>
- only registered students have access
- all lecture notes will be posted (PDF format, after each module is complete)
- assignment and lab assignment submissions
 - note that there is a separate UR Courses section for the labs

Topics

- ❑ The Internet and the Web
- ❑ Interface Design & Sketching
- ❑ HTML5 & CSS3
- ❑ JavaScript
- ❑ Database Fundamentals
- ❑ MySQL and Web Databases
- ❑ PHP
- ❑ AJAX & JSON
- ❑ Web Graphics & Visualization
- ❑ Security

Assigned Readings

- The readings for each topic are listed in the syllabus
 - ▣ it is your responsibility to ensure that you are properly prepared for each class
 - ▣ reading about the topics prior to each class will make it easier for you to grasp the topics discussed

Assignments

- ❑ Assignments are at 11:55 PM on the due date
- ❑ Assignment due dates are posted in the syllabus (not always on the same day of the week)
- ❑ Submit using UR Courses only (no physical submission)
- ❑ Late submissions will not be accepted
 - the grades may be moved to the final exam only under exceptional circumstances and with appropriate documentation

Labs and Lab Assignments

- Students are expected to only attend the labs in the lab session in which they are registered
 - ▣ attending a lab session in which you are not registered is not permitted due to limited space/resources
- Attendance will be taken
 - ▣ 1/3 of your lab mark will be based on attendance and active participation in the lab
- Lab assignments are due at 11:55 PM on the day of the lab in which you are registered
 - ▣ late submissions follow the same rules as regular assignments

Reminders

- Read Chapter 1 of the textbook
- We will begin the first of the topics now...