University of Regina
Department of Computer Science
CS 215 – Web Oriented Programming - Summer 2015

Instructor:	**Maha El Meseery**
Lectures:	**M/T/W/R 11:00 AM – 12:15 PM (CL 435)**
Webpage:	**http://www.cs.uregina.ca/~elmeseem/cs215/**
Email:	**elmeseem@uregina.ca**
Office Hours:	**M/W/R 1:30 PM – 2:30 PM (other times by appointment only)**
Office:	**CW 308.15**
Labs:	**Lab Section 097: M 01:30 PM – 4:50 PM (CL 115) or** **Lab Section 098: W 12:30 PM – 3:50 PM (CL 115) or** **Lab Section 099: F 12:30 PM – 3:50 PM (CL 115)**

Course Prerequisites
CS 210 (Data Structures and Abstractions)

Course Objectives
This courses shows how interactive client/server web applications are designed and implemented. Appropriate languages for web computing will be discussed. Human- computer interfaces, data models, and database connectivity will be explored in the context of web computing.

Textbook
Sebesta, R. W. Programming the World Wide Web, 8th Edition, Pearson Education Inc., 2015 (ISBN-13: 978-0-13-377598-3) [7th Edition (2013) is sufficient]

Evaluation
The final grade in the course will be determined as follows:

Assignments	5 x 7%	35%
Lab Assignments:	6 x 3.3%	20%
Midterm Exam	July 28	15%
Final Exam	August 21	30%
Total		**100%**

 In order to pass the course, you must pass the final exam. Your final mark may be adjusted by +/- 5%, at the instructor's discretion.

Lectures and Lecture Notes
Lectures will be held four times per week: M/T/W/R 11:00 AM – 12:15 PM in CL 435. All lecture notes and assignments will be posted on UR Courses. The lecture notes should not be used as an alternative to attending the lectures. It is expected that students will attend the lectures, listen to the explanations and discussions, and take notes about the important information.

Course Schedule & Topics (Tentative)

Weeks	Date	Topics	Lab
0	2nd July	Introduction & Syllabus Review	
1	6,7,8,9 July	• Readings: Ch. 1 • Internet and the Web • Design and sketching • HTML • Assignment 1 (due date July 12)	• Lab 1 • HTML
2	13,14,15,16 July	• Readings: Ch. 2, 3, • HTML 5 cont. • CSS • JavaScript Int. • Assignment 2 (due date July 22)	• Lab 2 • Advanced HTML • CSS
3	20,21,22,23 July	• Reading: Ch. 4, 5, 6 • JavaScript • JavaScript and DOM • JavaScript and Events • Assignment 3 (due date August 1)	• Lab 3 • JavaScript
4	27,28,29,30 July	• Reading: Ch. 9 • Midterm • PHP	• Lab 4 • PHP • MySQL
5	4,5,6 August	• Reading: Ch. 13 • Database • MySQL • PHP and MySQL • Assignment 4 (due date August 12)	• Lab 5 • PHP and MySQL
6	10,11,12,13 August	• Readings: Ch. 10 • PHP and MySQL (cont.) • Ajax • JSON • Assignment 5 (due date August 19)	• Lab 6 • Ajax
7	17, 18 August	• Web Security • Visualization	
	August 21	• Final Exam (8:00 to 11:00 AM)	

Assignments
All assignments are due at 11:55 PM of the specified dates, and must be submitted electronically via UR Courses. Late submissions will not be accepted, but the grades for missing assignments may be moved to the final exam under exceptional circumstances, and with appropriate documentation.

Labs and Lab Assignments
Students are expected to attend the labs in the lab session in which they are registered only. Attending a lab session for which you are not registered is not permitted due to space and resource limitations.

Lab attendance will be logged during each lab session; 1/3 of your lab mark is based on your attendance and active participation in the activities of the lab.
Lab assignments are due by the next day at the same time as lab session in which you are registered. For example, if you are registered in the Wednesday lab, your lab assignment will be due at 12:30 PM on Thursday the next day. Late submissions will not be accepted, but the grades for missing lab assignments may be moved to the final exam under exceptional circumstances, and with appropriate documentation.

Grades
All grades will be assigned according to the Undergraduate Calendar,
Section 5.9: Grading System and Descriptions:
        90-100: An outstanding performance.
        80-89: Very good performance.
         70-79: Above average performance.
        60-69: A generally satisfactory and intellectually adequate performance.
        50-59: A barely acceptable performance.
        0-49: An unacceptable performance.

Other Notes and Information
1. You should check UR Courses and your University email on a regular basis. Important announcements for this class will be made on UR Courses. Other announcements and direct communication will be via email.
2. If there is any student in this course who, because of special needs, may have a need for accommodations, please contact the Center for Student Accessibility (http://www.uregina.ca/student/accessibility/), phone 306-585-4631.
3. Students are expected to attend the lectures and labs. If you must skip a lecture or lab, it is your responsibility to find out from classmates what you missed.
4. Complaints about marking: If you have any complaint about marking, please submit your complaint on paper or via email directly to the instructor (never to the marker). Explain which course component you want investigated, your current mark, and the perceived problem with the marking.
5. Although group discussions and study groups are encouraged, all lab work and assignments are to be completed individually. Group discussions should be focused on general concepts, ideas, and lecture materials, and not the specifics of any assignment or lab.
6. CHEATING WILL NOT BE TOLERATED. Co-operation on programming assignments is generally encouraged, but it must be limited to verbal discussion of concepts not the **sharing of program code** or **written documentation**. Copying of assignments is plagiarism. Allowing your assignments to be copied will be treated the same as copying. You are NOT allowed to work in groups on the assignments.
7. Plagiarism and other forms of academic misconduct will not be tolerated. It is up to each student to understand the rules and regulations pertaining to this (Section 5.13 in the Undergraduate Calendar). Be aware that not only is the act of copying the work of another considered plagiarism, so is the act of allowing another to copy your work.
8. Please note that the dean of the faculty will be informed of any such incident, as per university regulations. Refer to the section on Academic Misconduct and Penalties in the General University Calendar.