Web Oriented Programming
CS215 -- Winter 2011

Lectures: CL435, Monday, Wednesday, Friday, 13:30-14:20
January 5 to April 8, 2011

Instructor: Dr. Daryl Hepting
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Office: College West 308.22
Office hours: TBD
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Labs: CL136, T, 10:30-12:20 or F, 10:30-12:20
Lab instructor: Mehdi Sadeqi
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Final Exam: April 13, 2011, 14:00-17:00

Web site: http://urcourses.uregina.ca/

Calendar description:

This course 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:
Programming the World Wide Web by Robert W. Sebesta, 6th Edition, Addison Wesley, 2010.

Prerequisite: CS210

Evaluation:

Individual assignments	10%
Group project	30%
Midterm exam	10%
Final exam	25%
Labs	20%
Participation	10%
Research credit `	1 - 2 % bonus (to be discussed).

Assignments will consist of some group work (a project, divided into parts) and some individual work. All course assignments must be submitted for grading (for group work, 1 group member must submit). If any course assignment is not submitted (or the final exam is not written), you will receive a grade of NP (No Paper) for the course. You must pass the final to pass the class, otherwise you will receive a grade of 40 for the course.

Tentative Schedule

Week (W, F, M)	Class	Lab	Project
1 (Jan 5, 7, 10)	Chapter 1	--	
2 (Jan 12, 14, 17)	2	Basic Webpages	
3 (Jan 19, 21, 24)	3	Java Basics	
4 (Jan 26, 28, 31)	4	Objects & Classes	
5 (Feb 2, 4, 7)	5	Strings & Inheritance	
6 (Feb 9, 11, 14)	6	Servlets & Ant	
7 (Feb 16, 18, 28)	13	Tomcat, JSP	
8 (Mar 2, 4, 7)	7	Java & Databases	
9 (Mar 9, 11, 14)	8	SQL	
10 (Mar 16, 18, 21)	9	Forms & PHP	
11 (Mar 23, 25, 28)		Sessions & Cookies	
12 (Mar 30, Apr 1, 4)	10	JavaScript with AJAX	
13 (Apr 6, 8)		Java Applet	

Policies & Notes:

- You are expected to attend class and to actively contribute to lectures and on-line discussions in URcourses. The participation portion of your final mark will be assigned on the basis of your attendance and your contributions to the class. You may read more about attendance and student behaviour in the University Calendar (http://www.uregina.ca/gencal/ugcal/attendanceEvaluation/).
- All assignments will be submitted via URcourses. You may submit assignments multiple times until the due date. Late assignments will not be accepted.
- Most of the work in this course will be done in groups, where collaboration is essential. Groups will be assigned based on lab sections. Individual assignments and exams must be done individually, and cheating will be subject to disciplinary action.
- There is no need to plagiarize: make sure to acknowledge the source of all material that is not your own.
- March 15, 2011 is the last day to drop a course with a grade of W (Withdrawal). Other important dates are listed here: http://www.uregina.ca/gencal/ugcal/importantDates/ugcal_03.shtml
- You are required to adhere to the University of Regina's Harassment and Discrimination Prevention Policy (http://www.uregina.ca/hr/hdpo).
- If you, because of disability, may have a need for accommodations, please come and discuss this with me at your earliest convenience. Please also contact Coordinator of Special Needs at 585-4631.