

CSC 309 Programming on the Web Spring 2007

General Information

Instructor Prof. Eyal de Lara
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Lectures Monday, Wednesday and Friday 3-4pm

Location BA1130

Office Hours Monday and Wednesday 4-5pm

WWW www.cs.toronto.edu/~delara/courses/csc309/index.html

News Group ut.cdf.csc309h

Overview

This course provides an introduction to the technologies used for developing Web applications. We discuss technologies for static and dynamic content generation, including n-tiered architectures and web services. We also discuss general Web design principles, with a special focus on security and scalability.

Readings

Programming the World Wide Web, Robert W. Sebesta, Addison-Wesley.
Standard documents at <http://www.w3.org>.

Prerequisites

CSC209 and either CSC228 or CSC343
Familiarity with Java, SQL and experience in developing programs of significant size (i.e., a few thousand lines).

Marking

Course grade will be determined by four assignments, a midterm and a final exam as follows:

Assignment 1	15%	Feb 16
Assignment 2	15%	Mar 23
Assignment 3	10%	Apr 2
Assignment 4	10%	Apr 13
Midterm	15%	Feb 26
Final	35%	

Assignment Policies

1. You have to work on the assignments by yourself.
2. Assignments will be posted on the course's web page.
3. Assignments should be submitted electronically.
4. Assignments are due at class time.
5. **Late course work.** You can turn in your assignment **up to 2 days late**, but this will cost you **20%** of the maximum grade for every day you are late (i.e., an assignment turned 2 days late can get a maximum of 6/10). No assignment will be accepted after 2 days, and will be given a grade of 0.
6. **Re-marking.** First, talk to the TA that graded your project. The TAs will hold a special re-marking session shortly after assignments are handed back to students. Details will be posted on the course's newsgroup. If you are still dissatisfied after talking to the TA, then email me to set an appointment. You have up to **7 days** from the time the marked assignment is available for hand-back to ask for a re-mark. **No assignment will be re-marked after this period.**
7. **Communications.** Your best bet for getting questions answered quickly is to post to the course newsgroup. If you think your question is not appropriate for the newsgroup, feel free to email me. Please make sure to include "CSC309" in the subject line of your email. Finally, before you email me, please check the newsgroup; your question may have already been answered.
8. **Cheating/Plagiarism.** Don't. The policy of your faculty or school will be in effect. You are encouraged to discuss problems with your classmates; however, all work that you submit must be your own. When you submit an assignment with your name on it, you are certifying that you have done the work on that assignment yourself. Remember that the penalty for cheating is always worse than handing in the assignment late. If you are struggling with an assignment, talk to the instructor or the TA's for help.

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Calendar

Date	Topic
Jan 8	Introduction
Jan 10, 12	XHTML
Jan 15	CSS
Jan 17,19	JavaScript
Jan 22,24,26	DOM
Jan 29	Java Applets
Jan 31	Overview example
Feb 2	Web Usability
Feb 5	HTTP
Feb 7	CGI
Feb 9	Apache Tutorial
Feb 12	Java Servlets
Feb 14,16	Tomcat Tutorial
Feb 19,21,23	Reading week
Feb 26	Midterm
Feb 28	Class canceled
Mar 2,5	Java Servlets
Mar 7,9	Concurrency control
Mar 12,14	JDBC
Mar 16	Transactions
Mar 19,21	XML
Mar 23,26	AJAX
Mar 28,30	SOAP & WSDL
Apr 2	Invited Talk
Apr 4	Invited Talk
Apr 9,11	Web security
Apr 13	Scalability and fault tolerance