

# CSC 309 Programming on the Web

## Summer 2007

### General Information

Instructor Radu Negulescu, Ph.D., P.Eng.  
radu@cdf.toronto.edu  
Lectures Wednesday 6-9pm  
Location BA1190  
Office hours BA 4261, Wednesdays 4:45pm-5:45pm, and after class as needed  
WWW [www.cdf.toronto.edu/~radu/csc309/index.html](http://www.cdf.toronto.edu/~radu/csc309/index.html)  
Newsgroup [ut.cdf.csc309h](mailto: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%	Tuesday 2007.06.19, 12:00 noon
Assignment 2	15%	Tuesday 2007.07.24, 12:00 noon
Assignment 3	15%	Tuesday 2007.08.07, 12:00 noon
Midterm	15%	Wednesday 2007.07.04, class time
Final	40%	August 13-17 (TBD)

# 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. **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.
5. **Re-marking.** First, talk to the TA that graded your project. The TAs will hold a special remarking 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.**
6. **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.
7. **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.

# Calendar

Date	Topic
May 16	Introduction.XHTML
May 23	CSS. JavaScript
May 30	DOM. Applets.
June 6	Overview. HTTP
June 13	Apache. CGI. Web Usability
June 20	Servlets. Tomcat.
June 27	Servlets. Concurrency
July 4	Midterm. JDBC
July 11	Pointbase.Transactions. XML
July 18	AJAX.
July 25	XML Schema. SOAP. WSDL
Aug 1	Invited talks
Aug 8	Security.
August 13-17	Finals