

CMPT 166 Spring 2008 Syllabus

Instructor	Dr. Sean Ho twu@seanho.com (604) 513-2121 x3209 Office hours: M-F, 9-10am and by appointment 5 Neufeld	Class location: MWF 16:00-17:15 Neufeld 34 cmpt166.seanho.com												
Description	A second step for students learning programming by showing them how object-oriented concepts are employed in the design and writing of code in a variety of notations. The emphasis is on the theory of OO programming and design of solutions, as well as implementation in a current OO language such as Java or C++. Students will be introduced to the general concepts of object oriented programming and will learn one object oriented language in sufficient detail to be able to produce substantial programs.													
Prerequisites	CMPT 140 (145 preferred) or an equivalent course or working experience using a procedural language such as Pascal, Modula-2, Oberon, Python, C, or C++.													
Text	Required: <i>Absolute Java</i> , Savitch, 3rd edition, Pearson Addison-Wesley, 2008. ISBN 0-321-48792-3. This text is available in the campus bookstore.													
Topics	We will be using Sun's Eclipse development environment, using the J2SE 5.0 platform (Java 1.5.0). This is installed on the computer lab PCs. You are free to use your own computer, as long as you set your compiler to produce bytecode compatible with version 1.5 so that your code can be run on the lab PCs. No official support will be provided for installing/compiling on your own computers.													
Marking	Letter grade assignment follows the TWU percentage to grade equivalents except that $\geq 85\%$ and $< 95\%$ is an A; 95% and above is an A+. <table><tr><td>Labs (5-6)</td><td>40%</td><td>Approx. every other week</td></tr><tr><td>Quizzes (5-6)</td><td>15%</td><td>10min in-class pop quizzes</td></tr><tr><td>Midterm</td><td>15%</td><td>Wed 21 Feb</td></tr><tr><td>Final Exam</td><td>30%</td><td>Fri 20 Apr 2-4pm</td></tr></table>		Labs (5-6)	40%	Approx. every other week	Quizzes (5-6)	15%	10min in-class pop quizzes	Midterm	15%	Wed 21 Feb	Final Exam	30%	Fri 20 Apr 2-4pm
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Notes	<ol style="list-style-type: none">Every lab must be done; no exceptions! If you do not turn in something for each lab, you will automatically fail the course. But the late policy is fairly lenient: penalty of 5% per calendar day, up to a week late. More than a week late is 50% penalty. More than two weeks late and it will not be accepted unless there are extenuating circumstances. We will use the timestamp on myCourses. It is your responsibility to make sure all parts of your lab are uploaded to the right place in myCourses by the deadline.If you turn in your lab on-time, you can expect the TA to have your lab marked within a week. If you turn in your lab late, the TA can take as long as he/she needs: you forfeit the privilege of getting prompt feedback.During in-class quizzes/exams, all of the following are not permitted and should be left in your closed/zipped bag and put on the floor:<ul style="list-style-type: none">Textbooks, notes, cell phones, laptops, PDAs, iPods, <i>electronic dictionaries</i>, calculators.During in-class quizzes/exams, your desk should be clear except for your pencil/pen.In case of inclement weather, call (604) 513-2147 or see www.twu.ca/conditions for official campus conditions.													