CMPT 166 Spring 2010 Syllabus

Instructor	Dr. Sean Ho *twu@seanho.com* (604) 513-2121 x3209, Neu5 Office hours: M-R 4-5pm and by appointment	Class location: MWF 16:00-17:15 Neufeld 21 *cmpt166.seanho.com*
Description	*Intermediate programming techniques in one or more programming notations.* CMPT166 is 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:** *Absolute Java*, Savitch, 4th edition, Pearson Addison-Wesley, 2009. ISBN 0-13-608382-X. This text is available in the campus bookstore.	
Topics	We will be using the Eclipse development environment, using the J2SE 6.0 platform (Java 1.6.0). 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 1.6 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 >=85% and <95% is an A; 95% and above is an A+.	

Labs (5-6)	40%	Approx. every other week
Quizzes (5-6)	15%	Approx. every other week
Midterm	15%	Wed 5 Mar
Final Exam	30%	TBA

Notes	1. **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.
	2. If you turn in your lab on-time, you can expect your lab to be marked within a week. If you turn in your lab late, you forfeit the privilege of getting prompt feedback.
	3. **Laptops** are permitted in-class only for course-related work. This means **no** Facebook, YouTube, Halo, etc., (unless directly related to coursework)!
	4. 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:
	    ○ Textbooks, notes, cell phones, laptops, PDAs, iPods, *electronic dictionaries*, calculators.
	    Your desk should be clear except for your pencil/pen.
	5. In case of inclement weather, call (604) 513-2147 or see www.twu.ca/conditions. for official campus conditions.