MATH 102 Spring 2008 Syllabus

Instructor	Dr. Sean Ho twu@seanho.com (604) 513-2121 x3209 Office Hours: M-F 9-10am, and by appointment	Class location: MWF 8:00-8:50 Neu13 math102.seanho.com
Description	An introduction to the fundamentals of probability and statistics. Topics will include central tendency, dispersion, probability, normal distribution, binomial distribution, hypothesis testing, and inferences about a population. Applications from business, the social sciences, and the natural and applied sciences will be used.	
Objective	By the end of the course, the student should be able to understand the basic concepts and language of statistics and probability, be able to do the necessary calculations and, be able to work with the implications of the same.	
Prerequisite	A grade of "C" or better in BC Grade 11 Math or equivalent. Students with a weak math background or who have not taken a math class for a number of years will need to do extra work on their own and perhaps find a private tutor (see TWUSA).	
Text	• **Required:** Johnson, Robert, and Kuby, Patricia, *Elementary Statistics* (10th ed.), Thomson, 2007. ISBN 0-495-38386-4. • **Optional** (contains solutions to odd-numbered problems): Kuby, Patricia. *The Statistical Tutor for Elementary Statistics.* (10th ed). paperback, Thomson, 2007.	
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+.	

Homework	20%	Each Fri (9 total)
Midterm 1	20%	Fri 08 Feb
Midterm 2	20%	Fri 14 Mar
Final Exam	40%	Wed 25 Apr 9-11am (tentative)

Notes	1. Homeworks are due in-class by the *start* of class each Friday. **NO LATE HOMEWORKS** except for extenuating circumstances. Homework turned in after the start of class up to 5pm on the due date (including coming to class late) will be penalized 10%; after that they will receive a zero mark. If you can't make it to class, have a friend hand it in for you or make prior arrangements with the instructor. 2. If you turn in your homework on-time, you can expect the TA to have it marked within a week. If you turn in your homework late, the TA can take as long as he/she needs: you forfeit the privilege of getting prompt feedback. 3. Note that only a few questions from each homework might be marked. Study groups are encouraged, but the final draft that you hand in must be your own work -- don't just copy another's work! All work must be shown for full marks. 4. A scientific calculator is required; graphing or special statistical functions are not required. Please have a separate calculator from your cell phone or PDA. 5. 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, dictionaries 6. During in-class quizzes/exams, your desk should be clear except for your pencil/pen and your calculator. Please make sure you have your own calculator; sharing of calculators is not permitted. Please also use a calculator separate from your cell phone. 7. Students who miss more than 25% of class sessions may be barred from taking the final exam [2007-2008 Academic Calendar p.18]. 8. In case of inclement weather, call (604) 513-2147 or see www.twu.ca/conditions. for campus conditions.