

MATH 102 Spring 2006 Syllabus

Instructor	<div>Dr. Sean Ho twu@seanho.com (604) 513-2121 x3209 Office Hours: Daily, 9:50-10:50, Neu5</div> <div>Class location: MWF 9:00-9:50 Neu36</div>												
Description	An introduction to the fundamentals of probability and statistics. Topics will include central tendency, dispersion, probability, normal 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.												
Prerequisites	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	<ul style="list-style-type: none">• Required: Johnson, Robert, and Kuby, Patricia, <i>Elementary Statistics</i> (9th ed.), Thomson, 2004. ISBN 0534399150.• Optional (contains solutions to odd-numbered problems): Kuby, Patricia. <i>The Statistical Tutor for Elementary Statistics</i>. (9th ed). paperback, Thomson, 2004.												
Marking	<div>Letter grade assignment follows the TWU percentage to grade equivalents except that >=85% and <95% is an A; 95% and above is an A+.</div> <table><tr><td>Homework</td><td>20%</td><td>Each Fri (~10 total)</td></tr><tr><td>Midterm 1</td><td>20%</td><td>Fri 10 Feb</td></tr><tr><td>Midterm 2</td><td>20%</td><td>Fri 17 Mar</td></tr><tr><td>Final Exam</td><td>40%</td><td>Mon 24 Apr 2-4pm</td></tr></table>	Homework	20%	Each Fri (~10 total)	Midterm 1	20%	Fri 10 Feb	Midterm 2	20%	Fri 17 Mar	Final Exam	40%	Mon 24 Apr 2-4pm
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Notes	<ol style="list-style-type: none">1. Homeworks are due in-class by the <i>start</i> of class each Friday. NO LATE HOMEWORKS are accepted except for extenuating circumstances. Note that only a few questions from each homework will actually be marked. Study groups are encouraged, but the final draft that you hand in must be your own work. All work must be shown for full marks.2. A scientific calculator is required; graphing or special statistical functions are not required. Please have a separate calculator from your cell phone or PDA.3. 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 (turn off), laptops, PDAs, <i>electronic dictionaries</i>4. During in-class quizzes/exams, your desk should be clear except for some blank scratch paper, your pencil/pen, and your calculator. Please make sure you have your own calculator; sharing of calculators is not permitted.5. Students who miss more than 25% of class sessions may be barred from taking the final exam [2005-2006 Academic Calendar p.18].6. In case of inclement weather, the TWU campus conditions will be announced on local radio stations and posted on the TWU website; for more details please see www.twu.ca/conditions.												