

MATH 101 Fall 2007 Syllabus

MW 9-10
TF 4-5
R 3-4

Instructors	Mr. Samuel Selvin Email: samuel.selvin@twu.ca Tel. (604) 513-2121 Extn. 3229 Office: VSC (Strombeck) 18 Office Hrs. MW: 9.30-10.30 TR: 11.40-12.40	Dr. Sean Ho Email: twu@seanho.com Tel. (604) 513-2121 Extn. 3209 Office: NEU (Neufeld) 5 Office Hours: MW 9-10am TR 11.40-12.40																
Class Time	A: MWF 11:40-12:45 (Ho) - NEU 36 B: MWF 13:10-14:15 (Selvin) - NEU 41																	
Objective	This course is designed to give students a good understanding of mathematics essential for the study of Business Finance and Social Sciences. It is recommended for all students planning to study Business, Finance or Economics .																	
Prerequisites	At least a C in B.C. Principles of Mathematics 11 (Principles of Mathematics) or equivalent.																	
Required Text	Introductory Mathematical Analysis -Haeussler, Paul and Wood -12 th Edition – Prentice Hall.																	
Topics	<ul style="list-style-type: none"> • Algebra and Applications (Chs 0 and 1) • Functions and Graphs (Ch.2) • Lines, Parabolas and Systems (Ch.3) • Exponential and Logarithmic Functions (Ch.4) • Mathematics of Finance (Ch.5) • Matrix Algebra (Ch.6) • Linear Programming (Ch.7) 																	
Marking	Final grades will be determined by natural breaks in the mark distribution as follows: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <tr> <td style="width: 25%;">A+: 94-100%</td> <td style="width: 25%;">B: 73-76%</td> <td style="width: 25%;">C-: 60-62%</td> <td style="width: 25%;">F: below 50%</td> </tr> <tr> <td>A: 87-93%</td> <td>B-: 70-72%</td> <td>D+: 57-59%</td> <td></td> </tr> <tr> <td>A-: 80-86%</td> <td>C+: 67-69%</td> <td>D: 53-56%</td> <td></td> </tr> <tr> <td>B+: 77-79%</td> <td>C: 63-66%</td> <td>D-: 50-52%</td> <td></td> </tr> </table> <ol style="list-style-type: none"> 1. The instructor reserves the right to make such adjustments in course content and sequence as may be needed. 2. Missed exams will be given zero, unless prior special arrangements have been made with the instructor. 		A+: 94-100%	B: 73-76%	C-: 60-62%	F: below 50%	A: 87-93%	B-: 70-72%	D+: 57-59%		A-: 80-86%	C+: 67-69%	D: 53-56%		B+: 77-79%	C: 63-66%	D-: 50-52%	
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<p>Homework</p>	<p>Homework will be assigned every class and should be completed before the next class. For achieving a higher grade it is recommended that you do more homework than assigned, especially in areas of difficulty. All homework assigned over the week must be submitted for marking every Friday by the end of class unless prior permission has been obtained for late submission due to exceptional circumstances. The first homework is due Friday, Sep.14. Note that only a small selection of questions from each assignment will be chosen for marking.</p> <p>Note: Late assignments will not be accepted unless prior permission has been obtained. Assignments must be in letter size paper, single sided, and stapled, with your name in the top right hand corner of page 1. All necessary work/steps must be shown in order to obtain full credit. No credit will be given for solutions directly copied from the solution manual or from another student. Those absent from class are responsible for obtaining the notes and homework for that day from a classmate. It is recommended that students exchange phone numbers with a few others in the class for that purpose. Students absent from class on a Friday are responsible for making sure their assignment is turned in. Combined/group study is encouraged, but work that is identical with someone else's and does not evidence understanding will be awarded a zero.</p>
<p>Calculators</p>	<p>It is required that students own a good scientific calculator for this course. Graphing calculator is not needed. Calculators with programmes stored are not allowed in exams.</p>
<p>Notes</p>	<ol style="list-style-type: none"> 1. Mathematics is cumulative in nature -- if you miss a class or have a gap in your understanding of the material, you can't just "skip" it and come back to it later; you must fill in the gap first before you can move on. This means that it is imperative you keep up with the material and ask for help immediately if you feel yourself falling behind. 2. Tutorials are built into class timings. Check with your instructor for details. 3. Students who miss more than 25% of class sessions may be barred from taking the final exam [2007-2008 Academic Calendar p.36]. 4. In case of inclement weather, the TWU campus conditions will be announced on local radio stations and posted on the TWU website; please see www.twu.ca/conditions.

“Make your ear attentive to wisdom; incline your heart to understanding. For if you cry for discernment, lift your voice for understanding; if you seek her as silver and search for her as for hidden treasures, then you will discern the fear of the Lord and discover the knowledge of God. For the Lord gives wisdom; from His mouth come knowledge and understanding.” Prov.2: 2-6.