

Ma104

Mathematics for Business Major

Introduction

- Lecturer: Lo Chi Wing, Peter
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- Schedule

- ◆ Lecture: 14:30 – 16:30 (Monday)
- ◆ Tutorial: 16:30 – 17:30 (Monday)
10:00 – 13:00 (Tuesday)

Syllabus

- Review of Basic Algebra
- Algebra Equations and Inequalities
- Functions and Graphs
- Polynomial Functions
- Rational Functions and Conic Sections
- Exponential and Logarithmic Function

Assessment

- Mid-term Test: 15%
- Final Test: 20%
- Attendant: 15%
- Assignment: 50% (10% each)

Learning Approach

Lecture	22 hours
Tutorial	11 hours
Self study (including assignments)	67 hours

Total: 100 hours

Do and Don't

- **Do not turn on your mobile**, pager or any form of alarm that will distract your fellow classmates.
- **Do not make any unnecessary noise** unless you have just found out you won a big lottery!
- **Do turn up on time** to avoid unnecessary distraction.
- **Do turn up for tutorials**, as this will help you to further understand the concepts that are being taught in the lectures.
- Do exchange ideas and discussions on assignments but **NOT copying**. You are here to LEARN not copy. You will be severely dealt with if caught cheating under the university disciplinary action.
- **Do enjoy and learn from the course.**

Course Outline

- Five Assignments, one Mid-Term Test and one Final Test
- Topics selected will be based on materials taught in classes and possibly some external research
- You are required to exercise initiative and research to maximize your marks.
- You are encourage to exchange ideas and discussions but NOT copying.
- Marks will be deducted for late submission of assignments or project. For each day you are late, a penalty of 10% will be incurred.
- More information will be given at a later date.

Text Books

- **Text Book**
 - ◆ Roland E. Larson and Robert P. Hostetler, *Algebra and Trigonometry, 4th Ed*, D.C. Heath and Co / Houghton Mifflin College, c1997
- **Reference Books**
 - ◆ R. David Gustafon & Peter D. Frisk, *Algebra for College Students, 4th Ed*, Cole Pub. Co., c1995.
 - ◆ Sullivan, Michael, *Algebra & Trigonometry, 6th Ed*, Prentice Hall, c2002
 - ◆ Max Sobel, Norbert Lerner, *Algebra and Trigonometry, 5th Ed*, Prentice Hall, c1995