Math 112 – Fall 2009

§41340 MTH 112 MW 2:55-4:10 D 309
§42156 MTH 112 MW 4:20-5:35 D 402
Preliminary Syllabus

Professor: Dr. Lee Townsend
Office Hours: W 1:30-2:30, TR 2:05-3: 05, TR 6:15-7: 15 in UT 236
E-mail: ltownsend@hartford.edu or sapid@rcn.com
Phone: 860-768-4763, 860-550-3832 (cell and text)
Text: Washington, Basic Technical Mathematics with Calculus, 9th ed. (used for MTH I→IV)
Calculator: TI-89

Course Objectives:

1) During the semester the student will learn to apply the algebras of
   Functions Linear systems
   Basic Trigonometry Logarithms Exponents
2) The students will learn to use the calculator as a tool to solve problems encountered in the algebras identified in objective 1.
3) The students will learn how to use the textbook as a tool to solve problems.
4) The students will learn how to estimate the answer, when possible.
5) The students will learn apply the above four objectives to problems encountered in their major.

There will be three or four in-class exams, the last one taken during the final exam slot. You must show details of your work to get full credit. Extra credit is given for checking your work using a different solution method. You may take an optional second exam within one week of my handing back the graded exams in class. This second exam must be taken during my office hours. The second exam will be multiple choice with no partial credit given. The grade used for the exam will be 75% of the second exam grade added to 25% of the in-class exam grade or 100% of the in-class exam, whichever is greater.

Homework will be assigned with some collected and graded. Most of the homework will be done in class (not graded) so bring your book and calculator to every class. The take-home homework (graded) will consist of word problems. They may be solved in groups of up to three members. Please turn in only one solution set per group with group member names on the first page. This homework is due at the scheduled exam, no exceptions. Homework will count 10% of the final grade. The exams will be based on the homework problems assigned. The exams count 90% of the final grade.

Grade scaling, if any, will occur on the final course grade only. Good attendance, attitude and exceptional class participation will raise your grade in borderline cases. Historically, poor attendance lowers grades. Attendance will be taken at the start of each class.

Missed exam policy

There are no make-up exams except in extraordinary circumstances. Permission must be obtained *before* the original exam date or deadline in order to take any delayed exams. You may notify me by email or text message. Please identify yourself and course number in either case.

Missed class policy

You are responsible for obtaining all class notes and handouts from fellow students. DO NOT SHOW UP IF YOU ARE ILL.

Chapters covered – all or in part: 1, 3, 6, 18, 5, 7, 4, 8, 13

Relevant web sites:

I recommend you download the review sheets from http://tutorial.math.lamar.edu/

There is a TI-89 tutorial on my web site : http://uhaweb.hartford.edu/ltownsend/

Get a free scientific calculator for the PC http://www.allersoft.com/allercalc.htm

Software for the TI calculators, including the calculator emulator for the PC, VTI.exe, can be found at http://www.ticalc.org/

Also try the TI website for downloads:
http://education.ti.com/educationportal/sites/US/productDetail/us_ti89ti.html