

***Math 135 Section 160 – Introduction to Technical Mathematics***

Summer 2010

Mr. Philip Abel – Instructor

**Instructor Information:**

Mr. Philip Abel

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Phone: 585-305-6221 – Voice Mail.

Office Hour: Class Days 3:45 to 5:15

**Emergency Closings:**

If the college is closed due to weather or other emergency, all Rochester area radio stations will be notified. In addition, the MCC website: [www.monroecc.edu](http://www.monroecc.edu) will display a message indicating that the college is closed.

**Class Cancellation:** I do not anticipate canceling any classes, but should that be necessary, I will put out an email to each of you with an email address. After that, simply go to the college website and under the “Quick Links” window, click on “Class Cancellations”, or you may call me, or the college at 292-2066.

**Attendance:**

Prompt and regular attendance at all scheduled classes is expected. Students with more than three days may be subject to withdrawal from the course. Three 1-day absences in a row without student-initiated teacher contact and the student will be dropped. In the event that a student misses a third class, I will ask to speak with that student and discuss that matter. In every case, please communicate with me.

**ACADEMIC HONESTY:** Please review the academic honesty policy stated in the college handbook.

**MATH135 – Introduction to Technical Mathematics 5/e: Course Description**

An introductory course dealing with the development of algebraic and trigonometric concepts needed to solve problems in various technical areas. Topics include measurement and approximation, ratio and proportion, dimensional analysis, intermediate algebra, geometry, and right triangle trigonometry. Four class hours. NOTE: A specific calculator will be required of all students in this course. 4 Credits.

Prerequisite: MTH 098 with a grade of C or better, or MCC Level 6 Mathematics Placement.

\*\*MTH 135, MTH 140 and/or MTH 141 are required in various technology programs. They do not fulfill a mathematics requirement for an Associate in Arts or Associate in Science degree.

**Text and Materials:**

Introduction to Technical Mathematics – Fifth Edition – Washington, Triola, and Reda

The Electronic “Key” to MyMathLab – Available in the Bookstore

Students should obtain a quantity of graphing paper and have in their possession. A

**Calculator:**

The TI 83 Plus, TI 84 Plus, or the TI InSpire calculator is required for this course. It is recommended that all students obtain one. 1 ½ to 2 inch loose-leaf style binder is expected of all students.

**Withdrawal from the Course:**

The last day for student-initiated withdrawals from the course is August 6-7, 2010. If you have stopped attending, it is critical that you file the proper withdrawal forms with the college. Faculty Initiated Withdrawal will be August 6-7, 2010. I will withdraw you for non-attendance.

### **Exams and Quizzes:**

All Unit HWs and Five Unit Quizzes will be assigned online at MyMathLab through the course of the semester. All deadlines are hard deadlines and no weekly assignments can be accepted after that deadline. Every quiz has one week to be completed. Even class absence will not be reason for late work. Please make arrangements with classmates to help each other out. All unit HW assignments will be completed online using MyMathLab as outlined by the instructor.

All Unit exams are scheduled for the Monday of each week with the exception of the 5<sup>th</sup> hourly which will be a take home test. The Exams will be given the first hour and a half of class. Please make every arrangement to be in class for scheduled exams. Students absent on test days will be considered unprepared. A grade of 0 will be recorded.

### **Grading:**

All unit HWs and five unit quizzes will be assigned throughout the course of the semester. Your final unit quiz average will comprise 30% of your average. The Unit HW Average will comprise 20% of your average. HW and Quizzes will be available for 7 days online. Exams in class will make up the last 50%. **Any and all other grading policies will be communicated by the instructor.**

### **HW:**

Homework is assigned from the text each night. The emphasis will be on quality of work, not necessarily quantity. In every case, students will be encouraged to work as many of the Odd problems in the assigned sections of the text as possible. Answers to those problems may be found in the back of the text. 15 minutes each class will be dedicated to Q&A from the homework. Office hours will be dedicated to HW review as well.

### **Makeup Policy:**

The policy is that NO make-ups are scheduled for any unit exam. At all times it is very important that students communicate special circumstances privately to the instructor. In the event that an exam is impacted, every effort on the part of the student must be made to indicate a problem to the instructor at least 24 hours in advance. Students missing an exam, without notification, a phone call, or discussion in advance will receive a grade of zero.

### **Missed Classes:**

Students missing class will be credited 2 absences. Each class will be arranged as two-classes in a fall/spring semester calendar.

### **THE MLC (Math Learning Center)**

The Math Learning Center in Building 11 is available to students outside of class time. The center is staffed by instructional personnel and may have solutions manuals for HW assigned that can be accessed and computer software to assist the students in learning material. It is recommended that students use this resource to get additional help with topics presented in the classroom.

Good luck this Semester. I am sure we will all learn a lot.

Course Compass: Course Number: abel51146