MATH 2072-004  
Fall 2011  
MWF 3:00-4:10 UH 107  

Professor: Dr. Sabrina Hessinger, 344-3092, Sabrina.Hessinger@armstrong.edu  
Webpage: http://math.armstrong.edu/faculty/hessinger/  
Office Hours: UH 291, MWF 1:30-3:00, or by appointment  
Prerequisite: MATH 1161 (with a C or better)  
Text: Essential Calculus, Early Transcendentals, James Stewart  

Grading:  
- 60% - Four in class exams Exam Dates: 9/9, 10/3, 11/7, 12/2  
- 25% - Final exam Monday, December 12th at 2:00 p.m.  
- 15% - Compilation Quiz & Maple Grade: There will be approximately twenty 10 point grades to earn through individual quizzes, group quizzes and computer assignments. I will drop your lowest 3 grades from this set. Your resulting average will comprise this 15%. See below for more details on the quizzes.  

Technology: Students in MATH 2072 will be expected to use graphing calculators for assignments and for class tests unless indicated otherwise. I will use the TI 83 Plus for classroom purposes. You will also be learning and using the computer algebra system, Maple, primarily for very short out of class assignments. AASU has a site license for Maple and it is available in all student labs. I will also reserve UH 110 for optional Maple help/work sessions.  

Exams/Make-up Policy: There are no make-up exams except for unusual and extreme circumstances which should be discussed with me before the exam. Otherwise, exactly one lowest or missed exam score will be replaced with the final exam score. Exams will test your understanding of concepts, computational skill, AND ability to apply your knowledge to new problems, including "real-life" applications. It is imperative that you complete any class preparation assignments, regularly study your notes and class handouts, as well as read the text, complete your homework in order to be successful on the exams. See Additional Resources section below for more.  

More on the Quizzes: Every Monday a quiz problem will be selected at random directly from your homework problems for you to complete individually in class and turn in. On Fridays, except when there is a test, there will be a group quiz the last 15-20 minutes of class covering material from the previous week. All resources (except solutions manuals) are allowed for these. You will also have the opportunity to rate the input of your group members during group quizzes. Your group contribution ratings will be factored into your group quiz grade.  

Attendance Policy: Coming to class is good. I have no doubt you’ve learned this by now. Furthermore this class will make your brain stronger and I will notice you are missing. I will use our time together to clarify, deepen, and extend upon the material in the text, not repeat it. Additionally, as if that is not enough to get you to class each day, I will take attendance at random throughout the semester and each such day will serve as one bonus point to one of your quiz grades. Do not ask for any additional extra credit, this is all there is.  

ADA/Special Accommodations: If you have a disability and need accommodations (as documented with a letter from AASU’s Director of Disability Services), if I must know of emergency medical information about you, or if you need special arrangements in case the building must be evacuated, please inform me privately in my office as soon as possible.  

Honor Code: You should be familiar with the student Honor Code (AASU catalog, p. 352) and abide by its rules. You are highly encouraged to form study groups and work homework together! Tests must be your own work. Cheating will be reported to the AASU honor court.
Additional Resources:

- First and foremost - your brain is your own best resource. In order to be successful in this class you will likely need to study a minimum of 3 hours outside of class for each hour in class. These 12 hours per week should include each of the following activities:
  - Read the textbook for comprehension. Mathematics must be read actively. Stop and think things through as you read them. Make notes in the margins in your own words. Try explaining things to others as well.
  - Complete all of your homework from the previous section before we cover the next section.
  - If possible, begin an exam study guide as you go by summarizing each section in words and with examples, once you understand it.
  - Prepare for the next lecture by reading the text and completing any class preparation assignment I may have given out.
  - If you find yourself falling behind, I would suggest you keep a study log to see how much time you are distributing amongst the activities above. Make sure reading and doing homework are priority.

- Plus...don’t forget me! Please feel free to make use of my office hours. I’ll also do my best to answer Qs via email, although I’ll only check email intermittently in the evening. Come see me early if you are having trouble. I can’t help you if you don’t come see me!

Other Stuff:

- Please be on time  The first 10 minutes are what make the rest of class make sense!

- Turn off all cell phones, ipods, blackberries etc. If you need to have your cell phone due to contact in case of emergency, please put it on vibrate or silent.

- FYI - My Goals for this class :
  1. To have a respectful, enjoyable, and interactive environment which is conducive to EVERYONE’s learning.
  2. For you to feel comfortable in class interacting with each other and with me in an effort to reach an in-depth understanding of the material.
  3. For each one of you to reach your personal goals for learning in this course.

- Typical Weekly Organization of Classtime
  Mondays
  - 5-10 minutes - Independent quiz
  - 40 minutes - New material: development of concept
  
  Wednesdays
  - 15 minutes - Homework discussion in groups & full class
  - 35 minutes - New material

  Fridays
  - 5 minutes - Homework hints full class
  - 30 minutes - New material
  - 15 minutes - Group Quiz open resource on announced material.