

MATH 106

CALCULUS WITH BUSINESS AND ECONOMIC APPLICATIONS
Nicholls State University, Spring 2008

Instructor: Dr. Brian Heck
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My office hours are 9:00-12:00 MWF and 9:00-10:30 TTH. Please contact me (phone, email, or in person) during these times if you have any questions. If you need assistance at a different time, let me know and we'll work something out.

Prerequisite: Math 101 (with a C or better) or advanced placement.

Text: Mathematics with Applications (9th ed.) by Lial, Hungerford, and Holcomb (Addison-Wesley)

Calculator: You will need to have at least a scientific calculator.

Course Description (catalog): Functions, intuitive limits, derivatives, applications of the derivative and mathematics of finance.

Course Objectives: A student who completes this course will be able to:

- Analyze various functions and their graphs
- Use financial formulae
- Apply methods of differential calculus to selected problems and their applications

Grading Policy: We will have three exams and a comprehensive final. All four exams will be worth 100 points. We will also have regular quizzes. I will drop the lowest 3 quizzes and there will be no make-ups for missed quizzes. Your quizzes will also count for 100 points. At the conclusion of the semester, you will be assigned a letter grade based on the usual 10% scale (A: 90-100%, B: 80-89%, etc).

Attendance: I will not include attendance as part of your course grade. I am not your mother or your parole officer, and this is not high school. I do, however, expect you to attend class everyday. You are responsible for all material covered in class.

Instructor Expectations: Come to class prepared to learn. In order to understand what we are doing in class, it will be necessary for you to do problems outside of class, and it would be beneficial to you to read the text prior to our covering the material in class. I also expect you to take responsibility for your achievement (or lack thereof) in this class. I am more than happy to help you succeed, but it will take effort on your part as well. I

firmly believe that if you (1) come to class and pay attention, (2) do your homework, and (3) ask questions when you get confused, you will do very well in this course. It is assumed that you are attending this university because you have a desire for higher learning. It is therefore expected that you will pay attention, be respectful of your instructor and fellow students, and follow the Code of Student Conduct. Instances of academic dishonesty will be dealt with severely. If you are caught cheating, you will fail this course. Similarly, if you are a disruptive presence in the classroom, you will be dropped from the class.

Important Dates

Test #1 – Tuesday, February 12, 2008

Test #2 – Tuesday, March 18, 2008

Test #3 – Thursday, April 24, 2008

‘W’ Day - Friday, April 4, 2008

Final Exam – Thursday, May 8, 2008...8:00-10:00

Disability: If you have a documented disability that requires assistance, you will need to register with the Office of Disability Services for coordination of your academic accommodations. The Office of Disability Services is located in Peltier Hall, Room 100-A. The phone number is (985) 448-4430 (TDD 449-7002).