

**Math 126 Business Calculus**  
**Fall 2009**  
**Radford University**

Course: Math 126, Section 06, Business Calculus  
Time: 2:00-2:50 M W F (C137 Peters Hall)  
Instructor: William A. Case  
Textbook: Mathematical Applications of Management, Life, and Social Sciences, 8<sup>th</sup> Edition, (Harshbarger and Reynolds)

Office hours: 9:30-10:50 M  
                  1:00-1:50 M W F  
                  9:45-11:30: 3:30-4:30 T TH  
(Note: Special office hours can be arranged if needed)

Office: 211 Walker Hall  
Phone: 831-5163 (Office)  
Email: [wacase@radford.edu](mailto:wacase@radford.edu)  
**Webpage: [www.radford.edu/~wacase](http://www.radford.edu/~wacase)**

**Grading Policy**

There will be three one hour exams, one cumulative final exam, and homework grade. The dates for these exams will be announced at a later time. The final grade in the course will be determined as follows:

3 Exams-----50 %  
Homework Grade-----25 %  
Final Exam -----25 %

**Grading Scale**

90 % -100 % A  
80 % - 89 % B  
70 % - 79 % C  
60 % - 69 % D  
Below 60 % F

**Course prerequisites:** Math 125 or four years of high school mathematics.

**Course Objective:**

Business Calculus is a brief study of functions, limits, rates of change with business applications, differentiation, increasing and decreasing functions, concavity, and logarithms.

**Attendance policy:**

Class attendance is expected and strongly recommended. Attendance will be taken every lecture class meeting and lab class meeting by passing an attendance sheet around for students to sign. Keep in mind that your performance on tests could be affected by poor class attendance. Make up exams and quizzes will be given only with the instructor's permission.

**Homework**

Homework will be collected 6 times during the semester. Each homework assignment will be worth 40 points. Your lowest homework score will be dropped and your daily average will be determined from the 5 remaining homework grades.

**Calculators:**

Students will need a scientific calculator to complete some assignments and tests. Students will be able to use a scientific calculator on the final exam.

**Radford University Honor Code:**

By accepting admission to Radford University, each student makes a commitment to understand, support, and abide by the University Honor Code without compromise or exception. Violations of this academic integrity will not be tolerated. Refer to your Student Handbook for details. Each of these classes will be conducted in strict observance of the Honor Code.