

## MATH 236 Calculus II (Section 0004)

### When and Where:

Section 0004: 10:10AM- 11:00PM MWF Burruss 0032  
Section 0004: 11:00AM- 12:15PM Th Burruss 0033

**Text:** Calculus - Anton, 5th edition, Wiley, 1997

**Prerequisite:** C or better in Math 235 or equivalent.

**Instructor:** Dr. Paul Warne, Office: ROOP108, Ph: 568-6536

**E-mail:** warnepg@jmu.edu

**Website:** <http://www.math.jmu.edu/~warnepg/math236.html>

**Office Hours:** MF 9:05-9:55, TuTh 2:00-2:50, and by appointment.

**Tutorial Center:** The Science/Math Learning Center, located in the second floor of Roop Hall, offers *FREE* help in a variety of math courses, including Math 236. See the tutorial center website for details: <http://www.math.jmu.edu/tutorial-center>.

**Course Goals:** In this course, the student should develop and understanding of both the theory and applications of the Calculus topics covered.

**Course Content:** This course covers topics in the calculus of transcendental functions, integration techniques, sequences, indeterminate forms, improper integrals, and infinite series. See the course website for detailed information and homework assignments for this semester.

**Homework:** Homework will be assigned regularly and will be discussed in class. I CANNOT STRESS ENOUGH the importance of KEEPING UP with homework AND attending class AND reading your text.

**Attendance:** It has been shown by experience that lack of attendance in class correlates highly with a lack of success in this class. If you miss eight classes, your final course grade will be lowered by a full letter grade. You or a family member should contact me as soon as possible if you have an extended illness.

**Technology:** A generic scientific calculator is all you will need (and sparingly at that) for this course. A graphing calculator, such as the TI-8X, X=2,3,5,6, is allowed, however calculators with symbolic manipulation capabilities are not, and graphing calculators will not be allowed on some (most!?) exams and quizzes. The computer lab software *Maple* may be utilized for some projects.

**Quizzes/Projects:** There will be several homework quizzes throughout the semester. These quizzes, and the sections they will cover, will be announced with 1 or 2 days notice and problems will resemble assigned homework or classwork for those sections. There will be NO MAKEUP QUIZZES given for ANY reason. A few assignments (hw projects) may also be collected as part of your grade.

**Grading Policy:** 90 -100: A - to A range; 80 - 89: B- to B+ range; 70 - 79: C- to C+ range; 60 - 69: D to D+ range; 59 and below: F.

### Evaluation Policy:

1. *Quizzes/Projects:* 18 % .
2. Three *Exams:* 60 % . The exam dates will occur in early Feb., mid March, and mid April and will be announced with sufficient notice. DO NOT MISS AN EXAM!!! Make-up exams will not be given. A missed exam will result in a score of zero for that exam.
3. Comprehensive *Final Exam:* 22 % . This will be held on Weds. April 30, 10:30AM-12:30PM in Burruss 0032.

For your information, a departmental syllabus and mission statement can be found at the following links: [www.math.jmu.edu/carother/syllabi/SYL.htm](http://www.math.jmu.edu/carother/syllabi/SYL.htm) and [www.math.jmu.edu/carother/syllabi/missionandgoals.htm](http://www.math.jmu.edu/carother/syllabi/missionandgoals.htm)