

# MATH 235, Calculus I

*pulcher et utilis*

Course Description: *Math 235* is a first university course in calculus, intended for students who are interested in the subject at a level beyond routine application. It is especially relevant for students majoring in: biology, chemistry, computer science, mathematics, quantitative finance, or physics. The course will cover limits, derivatives, integrals, and the Fundamental Theorem of Calculus. This corresponds to chapters 2-6 of the textbook. No prior knowledge of calculus is assumed.

Text: *Calculus, JMU edition*, by H. Anton, Wiley Custom Services.

Class Meetings:

Section 5: MWF 9:05-9:55 , and Tuesday 9:30-10:45 in Burruss 141.

Section 7: MWF 10:10-9:55 AM, and Thursday 11:00-12:15 in Burruss 141.

Professor: E. Θ Brown, PhD., (540) 568-8763, brownet@math.jmu.edu

Office Hours: 11:10AM-noon Mondays, 11:10AM-noon Wednesdays, 8-8:50AM and 11:10AM-noon Fridays, and by appointment, in 122 Roop Hall (inside of Roop 119).

Science and Math Learning Center: The SMLC, 200 Roop Hall, offers free tutorial assistance on a walk-in basis. It is open 10AM -8PM M-Th, 10AM-2PM Friday, 5PM-8PM Sunday.

Course Web Site: [www.math.jmu.edu/~brownet/235](http://www.math.jmu.edu/~brownet/235)

Exams: The mid-term examinations will take place during class meeting on September 19, October 24, and November 19. The final will be held according to the Registrar's schedule. There will be no make-up exams, except in cases of what I construe to be documented emergencies.

Homework: Homework assignments will be given in class and posted on the assignments page of the course web site, <http://www.math.jmu.edu/~brownet/235/hmwk>. Written homework is due at the start of class, two class periods after it is assigned. Late homework is in general not accepted.

Grading: Semester grades will based on class- and homework, three exams, and the final. Classwork and homework together count for 100 out of 550 points in the course grade, as do each of the mid-terms. The final is worth 150 points.

Honor Code: Students must observe the JMU academic conduct code. Violation of the honor code is in essence theft from other students, and will be treated with corresponding gravity. In this course, collaboration on homework is encouraged. All work on exams must be strictly individual.

Special Circumstances: Any student who requires special arrangements because of a physical, mental, psychiatric or religious condition should speak with me during the first week of class. Our conversation will remain confidential, except for communication I need to have with Student Services. Please also see me if relevant new circumstances arise during the term.