

Calculus I
(MATH 1525)
Spring 2004

Professor: Paul Bailey

Office: WIL 228

Office Hours: MTWRF 10am to 11am; MTWR 1pm to 2pm

Web Site: <http://www.saumag.edu/pbailey>

Email: plbailey@saumag.edu

Book: *Thomas' Calculus*, 10th edition, by Thomas, Finney, Weir, and Giordano

Grading

A: 80% to 100%

B: 60% to 79%

C: 40% to 59%

D: 20% to 39%

F: 0% to 19%

Quizzes: 40%

Midterm: 20%

Final: 40%

Homework exercises from the textbook will be assigned daily to be considered before the next class. There will be a weekly quiz every Friday, with the exception of the midterm week and the last week, for a total of 14 quizzes. The two lowest quiz scores will be dropped. The midterm examination will be given on Friday, March 12. The final examination will be given on the week of May 10.

The use of calculators is not permitted during quizzes and examinations.

Approximate Syllabus

Week	Beginning	Topic	Sections
Week 1	Jan 19	Functions	P.1-P.7
Week 2	Jan 26	Limits	1.1, 1.2, 1.3
Week 3	Feb 2	Continuity	1.4, 1.5
Week 4	Feb 9	Derivatives	2.1, 2.2
Week 5	Feb 16	Derivatives	2.3, 2.4
Week 6	Feb 23	Derivatives	2.5, 2.6, 2.7
Week 7	Mar 2	Extrema	3.1
Week 8	Mar 9	Mean Value Theorem	3.2
	Mar 16	SPRING BREAK	
Week 9	Mar 22	Concavity and Convexity	3.3
Week 10	Mar 29	Applications	3.4, 3.5, 3.6
Week 11	Apr 5	Integration	4.1, 4.2
Week 12	Apr 12	Integration	4.3, 4.4
Week 13	Apr 19	Fundamental Theorem	4.5
Week 14	Apr 26	Substitution	4.6
Week 15	May 3	Numerical Integration	4.7