

MAC 2233, Business Calculus (section 601)
SPRING 2010

Instructor: Sohrab Bakhtyari
Class Time: MW 6:00 – 7:50 PM
Classroom: DAV 242
Final Exam: May 1-7, 2010

Office Hr.: MW 5:45-6:00, 7:45-8:00 PM
Office: DAV 114
Phone: (727) 873-4657
Email: sbakhtya@stpt.usf.edu

Textbook: Applied Calculus, Enhanced review edition, S. Waner, S.R. Costenoble, 4th edition. ISBN: 978-0-495-38428-1

Calculator: Scientific Calculator

Prerequisites: C (2.0) or better in MAC 1105, or C (2.0) or better in MAC 1140, C (2.0) or better in MAC 1147, or SAT Math score of 590 or better, or ACT Math score of 26 or better, or College-Level Math CPT score of 78 or better.

Course Description: Linear equations and Functions, Mathematics of Finance, Differentiation and Integration of Algebraic Functions with applications to Business, Finance, and Economics.

Grading Policy:

5 Tests (one lowest will be dropped).....	60%
Quizzes	15%
Comprehensive Final Exam.....	25%

The quizzes will be taken during the last 20 – 25 minutes of the class time.

NO make-up quiz or test.

Grading Scale:

A+	A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
97-100	93-96	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	60-62	0-59

Homework: Homework will be assigned regularly but will not be collected. Questions on the quizzes will be similar to problems from the homework assignments.

Academic Dishonesty: Cheating is strictly prohibited. For more info. about academic dishonesty, go to: <http://www.ugs.usf.edu/catalogs/0405/adadap.htm>

Disability: Students who have disability that require accommodation(s) should make an appointment with the office of disability services (873-4990/4837) to discuss their specific and provide me with a copy of all documents.

Student Learning Outcome: Demonstrate the ability to represent and evaluate mathematical information numerically, graphically and symbolically.

Chapters/Sections Covered:
List of Problems are assigned in the Blackboard.

Chapter 0	Algebra Review 0.1, 0.2, 0.3, 0.4, 0.5, 0.6
Chapter 1	Functions and Linear Models 1.1, 1.2, 1.3, 1.4
Chapter 2	Nonlinear Models 2.1, 2.2, 2.3, 2.4
Chapter 3	Introduction to the Derivative 3.1, 3.2, 3.3, 3.4, 3.5, 3.6, 3.7, 3.8
Chapter 4	Techniques of Differentiation 4.1, 4.2, 4.3, 4.4
Chapter 5	Applications of the Derivative 5.1, 5.2, 5.3, 5.4, 5.5
Chapter 6	The Integral 6.1, 6.2, 6.3, 6.4

Review for Final

Final Exam: May 1 – 7, 2009
 DAV 242

SPRING 2010	
Event	Date
Classes Begin	Jan 11
Classes End	Apr 30
CLAST Administration Day	Feb 20
CLAST Registration DEADLINE	Jan 22
Commencement - St. Petersburg	May 9 (tentative)
Commencement - Tampa	May 8 (tentative)
Degree-Seeking Registration (last day to register for Spring without late registration fee penalty)	Jan 8 5:00 PM
DROP/ADD/FEE LIABILITY DEADLINE (Full Refund of Fees/No Grades)	Jan 15 5:00 PM
FINAL EXAMS	May 1-7
Graduation Application DEADLINE	Feb 5
Graduation Date	May 7
Martin Luther King Holiday (no classes & USF offices closed)	Jan 18
Residency Reclassification (last day to submit applications for Spring 2010)	Jan 15 5:00 PM
Senior Citizen Registration	Jan 19
Spring Break	Mar 8-13
State Employee Registration Begins	Jan 7 5:00 PM
Summer/Fall Degree-Seeking Registration Begins (Tentative)	Mar 22
WITHDRAWAL DEADLINE (no refund/ "W" grade assigned)	Mar 27