Instructor Information	Course Downloads	Updates	Flash Applets
Course Information	Grading Breakdown	Exam Information	Course Outline

Instructor Information

Instructor:	Ben Salisbury, Teaching Assistant
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Office:	MSB 419A
Office Hours:	Monday 2-4pm or by appointment
Q Center Hours:	Monday 5-6pm

Course Downloads

- The common Math 1132Q Webpage
- Syllabus
- A list of suggested problems. These problems are very similar to those assigned on *WebAssign*.
- Quiz 1 solutions.
- Exam 1 from Fall 2008, with solutions.
- Quiz 2 solutions.
- MacLab hours for the Gateway exam.
- Quiz 3 solutions.
- A Practice Exam for Exam 2.
- Quiz 4 solutions.
- Quiz 5 solutions.
- Practice Exam for the final.
- Solutions to the practice final provided by John Haga.
- Here is a note about the Final Exam.

Updates

- Class begins January 21.
- Our class key for *WebAssign* is **uconn 5405 5311**.
- Exam 1 and Exam 2 will be held in room **BPB 130**.
- The Final Exam will be held in room **BPB 130** on Thursday, May 7, at 10:30 am.

Flash Applets

These are collection of math applets created in Flash by a professor I knew at the University of Rhode Island, www.flashandmath.com/mathlets. You will need to download the Flash player in order to use.

Implicit Function Plotter	Matching Formulas to Data
Parametric Curves	Two Function Grapher
Derivatives	Antiderivatives
Sequences and Series of	Sequences and Series of

Functions | Constants
Families of Functions | Definite Integral in Terms of Area

Course Information

Meeting Times: MWF, 12:30-1:45pm in MSB 219

Text: *Calculus, Early Transcendentals, Volume II* by James Stewart (6th Edition), with *WebAssign* code.

A note about the text : You can buy Volume 1 of the Stewart text at the UConn Co-op, online directly from the publilsher (with a discount), and many other places. CAUTION: Make sure you get *WebAssign* codes bundled with the text as they cost about $25 each semester when purchased separately. Volume 1 of Stewart is used only for Math 1131, so you will need to purchase Volume 2 for Math 1132 and the multivariable volume for Math 2110. We chose the single volumes as the recommended text since were able to have *WebAssign* codes (for one semester) bundled with each single semester text. However, you are able to purchase combined versions (a complete singe-variable version for Math 1131-1132 or one large, heavy book for 1131-1132-2110) but make sure you get two or three semesters of *WebAssign* codes bundled with them. When bundled with the text, the first *WebAssign* code is free and additional semesters of *WebAssign* codes when bundled with the text cost $10 each after the first.

The publisher has set up a special web page, http://uconnmath.tlcservicesites.com, for UConn students to purchase a text online with the *WebAssign* codes bundled.

Calculator: A graphing calculator will be needed for this course (TI-82, 83, 85 or 86 are recommended).

Homework and *WebAssign*: You will need a login ID and password from your instructor plus a *WebAssign* code to register online. A link to *WebAssign* can be found on the class web page. Change your passwork immediately by going to "My Options". You can get help using *WebAssign* from your instructor or at the Q-Center. There will be homework assignments for each section of the text. Each assignment will be made available on *WebAssign* several days before the section is covered in class. The DUE DATE for each assignment will be set by your instructor and will generally be a couple of days after the material is covered in class. You will get 5 attempts to answer each question. After each attempt you will be told whether your answer is correct or not. Full solutions will be available on *WebAssign* after the due date. If you are not able to get the correct answer after two or three attempts, we recommend that you seek help from your instructor, the Q-Center, a tutor, or another student.

Grading Breakdown

Homework	*WebAssign*	20%
Quizzes		5%
Exam 1	Common Exam	20%
Exam 2	Common Exam	20%
Final Exam	Common Exam	35%
Gateway Exam	Integration	See Note Below

Exam Information

The evening exams will be held in a common room from 6-8pm on **February 24** and **April 7**. The dates and times are listed in PeopleSoft, but not the rooms. Common make up exams will be held from 8-10 pm on the same days as the exams. Permission from your instructor is required. The final exam is tentatively scheduled for May 7 at 10:30am.

The Gateway Exam will be available in the Mathematics MacLab (MSB 203) on *WebAssign* beginning around March 1. There will be an open period from March 1 through April 4 during which the gateway exam may be repeated (as often as needed) in the MacLab. Practice versions of the gateway exam may be taken online from *WebAssign*. These practice versions are from the same test bank as the actual exams and will be graded online.

- **Failure to pass the Gateway Exam will lower the course grade by one full letter grade.**
- Calculators are NOT allowed.
- It is a pass/fail exam (70% required to pass).
- Exam on *WebAssign* in MacLab MSB 203 through April 4. Retake as many times as necessary until this date.

Course Outline

Week	Date	Section	Topic
1	1/20	5.1-5.5	Review
	1/2	Appendix G	The Logarithm Defined as an Integreal
2	1/26	6.1	Areas between Curves
		6.2	Volumes
		6.3	Volumes by Cylindrical Shells
3	2/2	6.4	Work
		6.5	Average Value
		7.1	Integration by Parts
4	2/9	7.2	Trigonometric Integrals
		7.3	Trigonometric Substitution
		7.4	Partial Fractions
5	2/16	7.7	Approximate Integrals
		7.8	Improper Integrals
		---	Review Exam 1
6	2/23	---	Review Exam 1 (Exam 1 is on Feb. 24, 6-8 PM)
		11.1	Sequences

		11.2	Series
7	3/2	11.3	Integral Test
		11.4	Comparison Tests
	3/9	No class - Spring break	
8	3/16	11.5	Alternating Series
		11.6	Ratio & Root Tests
		11.7	Strategies
9	3/23	11.8	Power Series
		11.9	Representation of Functions as Power Series
		11.10	Taylor Series
10	3/30	8.1	Arc Length
		8.2	Area of a Surface of Revolution
		---	Review for Exam 2
11	4/6	---	Review for Exam 2 (Exam 2 is on April 7, 6-8 PM)
		8.3	Applications
12	4/13	9.1, 9.2	Modeling with Differential Equations, Euler's Method
		9.3	Separable Equations
		9.4	Exponential Growth and Decay
12	4/20	10.1	Curves Defined by Parametric Equations
		10.2	Calculus with Parametric Curves
		10.3	Polar Coordinates
14	4/27	10.4	Areas & Arc Lengths in Polar Coordinates
		Appendix H	Complex Numbers
		---	Review for final exam

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