

**Math 113**  
Calculus II  
Spring 2007

<b>Section:</b>	5934/2692	<b>Instructor:</b>	Amanda Beecher
<b>Time:</b>	MWF 9:20-10:15/10:25-11:20	<b>Office:</b>	ES 132C
<b>Room:</b>	LC 13/ES 140	<b>Phone:</b>	442-4619
<b>Discussion Sections:</b>		<b>Email:</b>	am2875@albany.edu
	5935 T 9:10-10:05 ES 146		
	5936 T 10:15-11:10 ES 146		
	2693 Th 9:10-10:05 ES 146		
	2694 Th 10:15-11:10 ES 146		

**Class Website:** [www.albany.edu/~am2875/math113sp07/](http://www.albany.edu/~am2875/math113sp07/)

**Office Hours:** Tuesday, Thursday 11:15-12:30 and by appointment.

**Resources:** Calculus, Single Variable, Fifth Edition, James Stewart

**Course Outline:**

<b>Chapter.</b>	<b>Section</b>	<b>Topics</b>
5.1-5.3		Fundamental Theorem of Calculus and areas
5.5		U-substitution
7.1-7.4		Review Inverse Functions
7.5		Inverse Trig
6.1-6.5		Applications of Integration
8.1-8.5		Techniques of Integration
7.7		Limits and Indeterminant forms
8.8		Improper Integrals
9.4-9.2		More applications of integration
12.1-12.11		Sequences and Series
11.1-11.2		Parametric Equations
11.3-11.4		Polar Coordinates
11.5-11.6		Conic Sections

**In Class Exams:** Exams will be announced in class after each topic and posted on the website.

**Final Exam:**

Friday, May 11, 10:30-12:30 in LC 13  
Thursday, May 10, 3:30-5:30 in ES 140

**Grading Policy:**

<b>Description</b>	<b>Percent of Total Grade</b>
Final	20 %
Exams	50 %
Projects	20%
Participation/Presentations	10%

**Exams:** Exams will be given on the dates indicated in class and on the website unless the university is closed that day. Only a writing implement and a drink may be around your test taking area and all other materials, especially math related, must be left in the front of the room. **NO CHEATING!** Make ups will be given at the board in my office only with a university authorized excuse.

**Projects:** I generally assign a project for each topic. These may get lengthy, but will ultimately result in better understanding of course material. Be sure to allot enough time to complete the assignment before it is due. I encourage working in groups to discuss these projects, however your write up should be your own work. **NO COPYING!**

**Class Policies:** Be respectful of others!

**Places for help:**

Place	General info
Class	Class time is set up as a place for you to learn the material of Calculus II. We have all fallen behind in one class or another, but missing more classes will not help you to catch up.
Office Hours	I have set aside this time in my schedule to work with you on Calculus II. This is a great place for extra help and to ask questions.
Study Groups	Academic Support Services offers FREE Calculus II tutoring. This is an opportunity for you to get a new approach to the material or work with someone on coursework you missed.
Tutoring Room	The mathematics department sponsors a FREE tutoring room for everyone in 100 level mathematics courses. This is the best place for specific questions. This room does get very busy at times, so be advised that this is not one on one tutoring.
Private Tutoring	You may pay someone to work through Calculus II with you one on one. A list may be found on the website.

Please see me if you have any further questions or comments.

This course outline is tentative; I reserve the right to make changes as needed.