

# Calculus II

## MATH 1620-120 / 1610-130

Spring 2010

<b>Room:</b>	Parker 236 (for 1610-120) Parker 228 (for 1610-130)	<b>Lecture:</b>	MWF 12:00-12:50pm T 12:30-1:20pm (for 1610-120) MWF 1:00-1:50pm R 12:30-1:20pm (for 1610-130)
<b>Instructor:</b>	Steven Clontz	<b>Office hours:</b>	TBA (see website) or by appointment (see Office Hours below)
<b>Contact:</b>	<a href="mailto:steven.clontz@auburn.edu">steven.clontz@auburn.edu</a>		
<b>Website:</b>	<a href="http://stevenclontz.com/class/">http://stevenclontz.com/class/</a>		
<b>Office:</b>	Mell Hall 113 (see Office Hours below)		

### Course Description

Techniques of integration, applications of the integral, parametric equations, polar coordinates. Vectors, lines and planes in space. Infinite sequences and series. (4 credit hours)

### Prerequisites

Calculus I, or equivalent.

### Textbook

The course textbook is *University Calculus* by Hass, et. al. This is the same textbook you would use in Calculus I and will use in Calculus III. No graded material will come from the textbook; however, the text is full of practice problems and contains written explanations for each subject and is recommended. It is not necessary to bring your textbook to class.

### Grading

The course is graded on a 100-point scale, based on worksheet and exam scores earned throughout the semester. Four Tests will be administered, each with a corresponding Worksheet. There will also be a comprehensive Final. Grading is broken down as follows:

- 20%: Worksheets (5% each)
- 5%: Lowest Test grade
- 15%: 2<sup>nd</sup> Lowest Test grade
- 15%: 2<sup>nd</sup> Highest Test grade
- 15%: Highest Test grade
- 30%: Final

Final grades are rounded up to the nearest integer, and letter grades are assigned as follows:

- 90-100: A
- 80-89: B
- 70-79: C
- 60-69: D
- 0-59: F

### Attendance

Lecture attendance will not factor into the final grade for this course. Attendance may be taken for the instructor's records.

Tests and the Final cannot be made up without a university-approved excuse. Any excuses must be submitted by the date of the exam to be considered, excepting extenuating circumstances. Make-up exams must be scheduled and made up in a timely manner. Worksheets may only be turned in late in the case of illness along with a university-approved excuse.

### **Homework, Worksheets, and Exams**

Four Worksheets will be assigned throughout the course, due the day immediately before each Test. Each worksheet is designed to cover the material that the students are expected to have mastery over before each Test. Worksheets are graded for completion, not accuracy, but ALL WORK MUST BE SHOWN to receive credit. Students may choose to work with classmates, a tutor, or alone on the worksheet. Each worksheet contributes 5% to your course grade.

In addition, the worksheets will include recommended practice homework problems from the text that students may work on as needed. Practice homework will not be graded but students may ask the instructor for help as needed.

Four 50-minute Tests will be administered throughout the course during the normal lecture time, based on the questions covered in the corresponding worksheet. The lowest grade made on a Test will contribute 5% to your course grade; all other Test grades contribute 15% to your course grade each.

A 150-minute comprehensive Final will be held during the time designated by the registrar for the course's class hour, based on all the material covered on Worksheets and Tests throughout the course. This Final will be worth 30% of the course grade.

### **Office Hours**

The instructor will be available for questions outside of class during the designated office hours. If “walking in” with a quick question the instructor can be found in Parker Hall 244 (“Parker Lounge”). Otherwise it's preferable to email the instructor to make an appointment.

### **Academic Honesty**

Students are expected and required to conform to the expectations of integrity befitting a research university such as Auburn. Any work you turn in is to be your own. Cheating, copying, or plagiarizing will result in action by the University Honesty Committee. Failure of the class and expulsion for the university could follow. Refer to the Tiger Cub for more details.

### **Cell Phones, Calculators, etc.**

Cell phones and other noise-making devices must be silenced during lecture. Absolutely no electronic devices are allowed to be out during an exam. Usage of a cell phone or calculator during an exam will be considered as cheating and dealt with as explained above.

### **Students Requiring Accommodations**

Students with documented disabilities are entitled to reasonable accommodations. Students who need accommodations are asked to confidentially arrange a meeting before the end of the second week of classes, or as soon as possible if accommodations are needed immediately. To set up this meeting, please contact me by email at [steven.clontz@auburn.edu](mailto:steven.clontz@auburn.edu). Bring a copy of your Accommodation Memo and an Instructor Verification Form to the meeting. If you do not have an Accommodation Memo but need accommodations, please make an appointment with The Program for Students with Disabilities, 1244 Haley Center, 844-2096 (V/TT).

### **Class Website and Instructor Email**

The class website at <http://stevenclontz.com/class/> is the best source for information on the class. Worksheets can be downloaded and printed out, and a class calendar is maintained.

The best way to contact the instructor if via email at [steven.clontz@auburn.edu](mailto:steven.clontz@auburn.edu).