MATH 166 - Calculus II
Summer 2013 - Section C

Instructor: David Failing   **Lecture:** MTWRF 11:00 - 12:20 in Marston 0209
Office: Carver 487   **Office Hours:** MTWRF 10:00 - 10:50
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Course Prerequisite
MATH 165 (or equivalent) or satisfactory performance on placement exam. It is also expected you will satisfy the prerequisites for MATH 165: 2 years of high school algebra, 1 year of geometry, 1 semester of trigonometry or enrollment in MATH 141 or MATH 142.

Required Text
Calculus (9th edition) by Varberg, Purcell and Rigdon — a MyLabsPlus access code is included with new copies from the bookstore and is *required*. This course will cover sections 5.1 - 5.4 (applications of the integral), 7.1 - 7.5 (techniques of integration), 8.1 - 8.4 (indeterminate forms and improper integrals), 9.1 - 9.9 (infinite series), and 10.4 - 10.7 (plane parametric curves and polar coordinates). I will assume you know the material in Chapters 1-4 & 6 (*except* 1.2, 2.9, 3.6, 3.7, 4.6, 6.6, 6.7, 6.9).

MyLabsPlus
We will use MyLabsPlus to complete homework assignments and view grades. To get started, head to http://iastate.mylabsplus.com. You have been signed up for an account in MyLabsPlus, and should be enrolled in the course automatically. To log in for the first time, your username will be your ISU net-id, and your password will be the last 4 digits of your ISU ID number. Before doing anything else, you should change your password to something more secure. On your first login, you will be prompted to enter the access code which was provided with your text. If you have not yet purchased the text, you may use the Temporary Access Code provided on MyLabsPlus at first.

Course Webpage: http://dfailing.public.iastate.edu/m166su13c
Check this page frequently. This is where announcements and important documents will be posted.

Attendance and Class Conduct
You are expected to attend class regularly, arrive on time, and remain throughout; however, attendance will not be taken. I expect that you will not talk while I am lecturing, and that cell phones will be turned to vibrate or silent, and stowed during class. In return, you may expect that I will also be on time, receptive and respectful to all questions, and will also leave my cellphone on silent. Missing **even one** class meeting will seriously hinder your performance in the course. Summer classes move at a **rapid** pace. If you must miss a class, you are responsible for any announcements and missed material. There will be no late homework, make-up quizzes or exams except in the case of illness, family emergency or official university functions. Notify me several days in advance if at all possible if you will miss a quiz or exam.

Calculator Policy
Graphing calculators are permitted on all homework assignments. Quizzes will be designed so that a calculator is not necessary, however you may use one unless I specify. You are discouraged from using them in your daily work unless absolutely necessary. They are a valuable tool for *difficult* computations, but they should not be a crutch — relying too heavily on calculators will diminish your understanding of the material.

Homework
Homework will be assigned in MyLabsPlus, and due weekly, by 11:59pm on Fridays. Problems from the book will also be assigned. The problems assigned each day represent the *minimum* amount of problems you should work. At the beginning of most classes, there will be a few minutes for homework and concept questions from the previous day. At the end of class we will usually have some time for you to begin the book problems. You are encouraged to work together and discuss the homework problems, but you will work alone on quizzes and exams.

Quizzes
There will be regular quizzes of about 20 minutes each. Quiz problems will be directly from the book homework. To prepare, just keep up with the material each day. Similar exercises from the textbook and examples from the class notes may also be helpful.

Exams
There will be four unit exams. The tentative unit exam dates are Thursday, May 30 (Chapter 5); Monday, June 10 (Chapter 7); Tuesday, June 18 (Chapter 8) and Wednesday, July 3 (Chapter 9).

Grading
Scores will be given the following weights to determine your final grade: Homework 20%, Quizzes 20%, Four Unit Exams - 15% each.
Final grades will be assigned on the following scale:
A 93-100%; A- 90-93%; B+ 87-90%; B 83-87%; B- 80-83%; C+ 77-80%;
C 73-77%; C- 70-73%; D+ 67-70%; D 63-67%; D- 60-63%; F <60%
Borderline grades (Ex: 87%) will earn the higher of the two marks indicated.

Help
To learn mathematics, it is essential to *do* mathematics; it is also essential to get help if you don't understand the material. There are several ways you can do this. First, ask questions in class: I guarantee that at least one other student in the class will have the same question, so you will not only be helping yourself, but your peers as well. Second, you can come to office hours, or e-mail me to make an appointment at some other time. You can also use the Math Help Room in Carver 385, open Monday through Friday, 9am-3pm.

Academic Dishonesty
All quizzes and exams will be proctored, closed-book, and closed-note; the use of cheat sheets, note-cards, or misrepresenting the work of another as your own are serious offenses in any academic setting and will not be tolerated. If cheating occurs, you will be assigned a zero for the assignment in question and referred to the Dean of Students office; additional consequences will occur for repeated offenses. If you have to ask yourself if what you are doing would be considered cheating, then it probably is.

Special Needs
Please address any special needs or special accommodations with me at the beginning of the semester or as soon as you become aware of your needs. Those seeking accommodations based on disabilities should obtain a Student Academic Accommodation Request (SAAR) form from the Disability Resources (DR) office (515-294-6624). DR is located on the main floor of the Student Services Building, Room 1076. No retroactive accommodations will be provided in this class.