University of Virginia
Course Syllabus: Math 1320-200
Calculus II (4 Credits)
Fall 2014

Instructor: Joshua Campbell   **TA: Mark Schrecengost**
Office: Kerchof Hall 125   **TA's Office: Kerchof Hall 121**
Office Phone: 434-243-1174   **TA's Phone: 434-982-2785**
Office Hours: M 3-4, W 12-1, Th 11-12   **TA's Office Hours: Tu 2-4**
Email: jjc3jr@virginia.edu   **TA's Email: mas3er@virginia.edu**

Course Location: Monroe Hall 118
Course Meeting Time: 11-11:50 MWF
Mandatory Fourth Hour Meeting Time and Location: New Cabell Hall 309, Tu 8-8:50

Prerequisite: Math 1310 or AP Calculus (level AB). This material is covered in Chapters 1-6 of our text (which you should review as needed).

Course Description: Math 1320 is a second semester Calculus course intended for students primarily interested in the natural sciences, but is open to all students. The course objective is to build upon introductory techniques of MATH 1310 to include applications of definite integrals, calculus of parametric and polar curves, and infinite series. Emphasis will be placed on problem solving. This course will cover chapters 7, 8, 9, 10, 11 (omitting some sections).

Text: *Single Variable Calculus: Early Transcendentals*, 7th edition, by James Stewart, Publisher: Brooks/Cole Cengage Learning. ISBN: 9781285887234. This is a customized loose leaf plus Enhanced WebAssign plus YouBook (ebook) bundle, available at the UVA Bookstore.

Attendance Policy: Regular attendance is expected, as is class participation. Please arrive on time and expect to stay for the entire class period. Please keep cell phones and other electronic devices silenced during class. Fourth hour attendance is mandatory and will be counted as part of the quiz average grade (see "Quizzes" below).

Homework: It is nearly impossible to understand mathematics without working problems yourself. There will be homework assignments due each week. We will be using the WebAssign online computer platform to facilitate homework assignments. The lowest WebAssign homework score will be dropped in determining the homework average. Additionally, written homework assignments will be handed out in class and posted on the course Collab page. Late homework will not be accepted.

Quizzes: There will be weekly quizzes during the fourth hour on Tuesday. These quizzes will be approximately 15 minutes in length, and will be based on the homework problems. The lowest two quiz scores will be dropped in determining the 'quiz average' portion of your course grade. No make-ups are given on the quizzes. Failure to attend the full fifty minutes of any fourth hour class will result in a grade of 0% for the quiz on that day.

Midterm Exams: There will be two evening midterm exams given during the semester. The exams are common to all sections of MATH 1320. The dates of these exams are as follows:

Midterm Exam 1: Wednesday, October 1st
Midterm Exam 2: Wednesday, November 12th

Each Midterm Exam will begin at 7:00 pm and will last 90 minutes. For those students who have a time conflict with another course, a make-up exam will be given the following morning beginning at 7:20 am. If you have a direct conflict with either of the above listed exam times, please notify me as soon as possible AND at least one week before the exam date. If proper notice cannot be given, then a request for the make-up exam will be honored only in cases of extreme urgency and at my discretion.

Final Examination: The final exam will be given on Monday, December 15th, 7:00 pm – 10:00 pm. This is the time reserved for the MATH 1320 final exam by the University and all sections of MATH 1320 take the common final examination at the same time. Note that per University policy, the date and time of the final exam may not be changed without the proper paperwork from the Dean's Office, which must be filled out to completion at least one full week prior to the last day of classes. It is University policy that final exams may not be taken early, so please schedule your travel plans accordingly. The final exam is comprehensive.

Course Grade: The course grade will be determined as follows:

WebAssign homework average:	10%
Written homework:	5%
Quiz average:	10%
Exam 1:	20%
Exam 2:	20%
Final Examination:	35%

Calculators: Calculators will not be allowed for any quizzes or exams. To best prepare for testing, it is recommended that homework problems be completed without a calculator.

Learning Needs: If you have learning needs that have been evaluated by the Learning Needs and Evaluation Center (LNEC), please provide me with the documentation from LNEC as soon as possible and at least one week prior to your first exam and/or quiz so that proper accommodations may be made.

Math Tutoring: The math department provides students with FREE tutoring for MATH 1320. Please see the Math Tutoring Center website at http://www.math.virginia.edu/~dmg4c/mthtutor.html for a schedule of days and times.

Tentative Lecture Schedule (subject to change):

Lecture Dates	Textbook Sections
Aug 26 – 29	7.1, 7.2
Sept 1 – 5	7.3, 7.4
Sept 8 – 12	7.5, 7.7, 7.8
Sept 15 – 19	8.1, 8.2, 8.3
Sept 22 – 26	9.1, 9.2, 9.3
Sept 29 – Oct 3	Review, **Midterm Exam 1**, 9.4
Oct 6 – 10	9.5, 9.6, 10.1
Oct 13 – 14	No classes (Reading days)
Oct 15 – 17	10.2, 10.3
Oct 20 – 24	10.4, 11.1
Oct 27 – 31	11.2, 11.3
Nov 3 – 7	11.4, 11.5, 11.6
Nov 10 – 14	Review, **Midterm Exam 2**, 11.7
Nov 17 – 21	11.8, 11.9
Nov 24 – 25	11.10
Nov 26 – 28	No classes (Thanksgiving break)
Dec 1 – 5	Review for Final Exam

Important Dates:
Last day to add a course: Tuesday, September 9[h]
Last day to drop a course: Wednesday, September 10th
Last day to withdraw from a course: Tuesday, October 21th

Honor Code: The Honor Code will be strictly observed in this class. Please remember to pledge each quiz and exam.