University of Connecticut
Department of Mathematics

MATH 1152Q- Section 01

Honors Calculus II - Spring 2015

Course Outline

Instructor: Charles Paquette

Office: MSB333

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Office Hours: To be determined in class.

Classes: TuTh 12:30 PM – 1:45 PM in MSB211; Mon 11:15 AM – 12:05 PM in MSB315

Textbook: *Single Variable Calculus (early transcendentals)*, 7th Edition, by James Stewart. If you plan to take Math 2110Q or 2130Q, you may consider buying the full version of Stewart's book (with multivariable calculus in it). You **need the WebAssign code** for this course.

Prerequisites: MATH 1151(135) or advanced placement credit for calculus (a score of 4 or 5 on the calculus AB examination or a score of 3 on the Calculus BC examination) or consent of instructor.

Syllabus: (This probably includes more than what we will be able to cover)

- Chapter 5 (Integrals): Sections 5.1 to 5.5.
- Chapter 6 (Applications of integration): Sections 6.1 to 6.5.
- Chapter 7 (Techniques of integration): Sections 7.1 to 7.4 and 7.7 to 7.8.
- Chapter 8 (Further Applications of integration): Sections 8.1 and 8.2.
- Chapter 9 (Differential Equations): Sections 9.1, 9.3 and 9.5.
- Chapter 10 (Parametric Equations and Polar Coordinates): Sections 10.1 to 10.4.
- Chapter 11 (Infinite Sequences and Series): Sections 11.1 to 11.10.

Examinations and grades:

- First Midterm Exam (20%): Tuesday the 24th of February, in class (tentative date).
- Second Midterm Exam (20%): Tuesday the 31st of March, in class (tentative date).
- WebAssign Homeworks (13%): Most weeks, you will be given a WebAssign homework. You will have about a week to complete each WebAssign homework. The worst score will be dropped and won't count towards the final grade.
- Written Assignments (12%): Most weeks, you will also be given a written assignment, that will complement the WebAssign homework. You will have about a week to complete it. Once submitted, I will randomly pick a question and grade it.
- Final exam (35%): Date to be determined in the "Finals Week". The final exam is cumulative.

Makeup/extension Policy: Baring exceptional circumstances, missed exams cannot be made up, nor can late homework be turned in for credit. If you know that you will miss an exam for a valid reason, contact me as soon as possible so that we can reschedule. Regarding WebAssign homeworks, no extension will be granted (unless justified with a valid reason).

In Class:

- Personal media devices (such as cell phones, ipods) are not to be used in class. Computers must be disconnected from the Internet. Failure to follow these rules may result in class expulsion.
- If you cannot attend a class, you should ask me (or a classmate) to get the material covered and the announcements made during that class.

In Exams:

- Only basic scientific calculators are allowed in exams. Calculators that can perform symbolic operations (integration, differentiation–such as the HP 28 or 48, or TI-92 or 89) are not allowed.
- Cell phones, tablets, computers or any electronic devices other than standard calculators are not allowed.

Q-Center: The Q-center offers free tutoring. In addition to drop-in free tutoring, the Q-center also has a list of private tutors. Check the website (www.qcenter.uconn.edu) for hours and locations.

How to succeed:

- You have to **spend time**! Do the homeworks and suggested problems, read your notes prior to the classes.
- Don't miss classes.
- If you are stuck on a problem or if you don't understand something, **do not wait to ask help**. I have office hours to help you and tutors at the Q-center can help you.

Integrity:

"A fundamental tenet of all educational institutions is academic honesty. Academic work depends upon respect for and acknowledgement of the research and ideas of others. Misrepresenting someone else's work as one's own is a serious offense in any academic setting and it will not be condoned." A student who knowingly assists another student in committing an act of academic misconduct shall be equally accountable for the violation, and both shall be subject to the sanctions and other remedies. See the Uconn Student Code, Appendix A.