

Math 2110Q Syllabus
Fall 2014

Instructor: Jeffrey Connors
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Office: ACD 114C
Office hours: M,W 3-4 PM, or by appointment.

Class time and room: M,W 1:15 - 2:55 PM in ACD 309

Text: *Calculus, 7th Edition* by Stewart.

Homework: Homework will follow a weekly cycle. We will use the WebAssign system: www.webassign.net. No homework grades will be dropped. Late homework is not accepted without receiving my permission on or before the due date, which will require a reasonable explanation as to why the homework cannot be completed on time.

Quizzes: These will be administered weekly and will be related to the material covered during the previous week (see the schedule below). The lowest two quiz grades will be dropped.

There will be only one make-up quiz per student allowed and only with a valid excuse for absence.

Calculators: The use of calculators will not be permitted on exams or quizzes. Calculators may be used on homework.

Grading:	Homework	30%
	Quizzes	10%
	Exam 1	10%
	Exam 2	15%
	Exam 3	15%
	Final	20%

Final exam: The final exam is currently scheduled for Dec. 10 from 1-3 PM in ACD 309.

Final exam rescheduling policy:

Finals week for fall 2014 takes place from Monday, December 8th, through Sunday, December 14th. Students are required to be available for their exam and/or complete any assessment during the time stated in the Registrar's Office schedule. If you have a conflict with this time you must visit the Avery Point Student Services Office to discuss the possibility of rescheduling this final. The Office of Student Services **REQUIRES** advance notice from students who have prior knowledge of a conflict (i.e., bunched finals, religious obligation, legal/medical appointments, etc.) Students must come to Student Services to seek permission to reschedule their final. Please note that vacations, previously purchased tickets or reservations, graduations, social events, misreading the assessment schedule and over-sleeping are not viable reasons for rescheduling a final. If you think that your situation warrants permission to reschedule, please contact the Office of Student Services (Branford House 306) to make an appointment with the Director of Student Services (860) 405-9024 or www.advapp.uconn.edu (choose Avery Point from the drop down menu).

Date	Book Sections	Topics	Notes
Aug. 25	12.1, 12.2	3D coordinates, vectors	
Aug. 27	12.2, 12.3	Vectors and dot products	
Sept. 1			Labor Day - no class
Sept. 3	12.4, 12.5	Cross products, lines, planes	Quiz on 12.1 - 12.3
Sept. 8	12.6, 13.1	Surfaces, vector functions	
Sept. 10	13.2, 13.3	Derivatives, integrals, arc length, curvature	Quiz on 12.4 - 12.5
Sept. 15	13.3, 13.4	Arc length, curvature, velocity, acceleration	
Sept. 17	12.1 - 13.4	Review for exam 1	Quiz on 12.6, 13.1-13.2
Sept. 22			EXAM 1
Sept. 24	14.1, 14.2	Functions, limits and continuity	
Sept. 29	14.3, 14.4	Partial derivatives, linear approximations	
Oct. 1	14.5, 14.6	Chain Rule, directional derivatives	Quiz on 14.1-14.2
Oct. 6	14.7, 14.8	Maxima and minima, Lagrange multipliers	
Oct. 8	14.1 - 14.8	Review for Exam 2	Quiz on 14.3 - 14.6
Oct. 13			EXAM 2
Oct. 15	15.1, 15.2	Double integrals, Fubini's Theorem	
Oct. 20	15.3, 15.4	General regions and polar coordinates	
Oct. 22	15.5, 15.6	Applications of double integrals	Quiz on 15.1 - 15.2
Oct. 27	15.7, 15.8	Triple integrals	
Oct. 29	15.9, 15.10	Spherical coordinates, change of variables	Quiz on 15.3 - 15.6
Nov. 3	Ch. 15	Review for Exam 3	
Nov. 5			EXAM 3
Nov. 10	16.1, 16.2	Vector fields, line integration	
Nov. 12	16.3, 16.4	Line integrals, Green's Theorem	
Nov. 17	16.5, 16.6	Curl, divergence, parametric surfaces	Quiz on 16.1 - 16.4
Nov. 19	16.7, 16.8	Surface integrals, Stoke's Theorem	
Nov. 24			Thanksgiving break - no class
Nov. 26			Thanksgiving break - no class
Dec. 1	16.8, 16.9	Stoke's and Divergence Theorems	Quiz on 16.5 - 16.7
Dec. 3	ALL	Review for final exam	
Dec. 8			Finals week - no class
Dec. 10			FINAL EXAM