Math 2410 : Elementary Differential Equations, Section 003
Fall 2016

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Meeting time: TuTh 11–12:15 at MONT 110
Textbook: Differential Equations, 4^{th} edition, by *P.Blanchard, R.L. Devaney and G.R. Hall*, ISBN 0-534-38514-1.
Office hours: Monday and Thursday 10–11am, or by appointment at MONT 235.
Webpage: http://www.math.uconn.edu/~lxiao/math2410f16/index.htm

Final score composition:

Quizzes	10%	No make-ups, lowest grade dropped
Midterms	25% each	make-ups only in extreme cases
Final	40%	

Exam times: Midterms on Oct 4 (Tuesday) and Nov 8 (Tuesday)
Final exam on Dec 17 (Saturday) at 3:30–5:30pm in MONT 110.

Homework and Quizzes: *Homework problems are posted on the course webpage. All grades will be posted on Husky CT.*
You are expected to attempt all the listed homework problems. You are encouraged to work together on homework. You are welcome to discuss all the questions about them at my office hours. Homework will not be collected, but quizzes will be given on Tuesdays (starting on Week 2 when there is no midterm) and will be based on previous homework assignments. Usually, the quizzes and the exams will be returned on Thursdays.

Letter grade conversion: Unless in extreme situations, the final letter grade will be assigned strictly according to the following conversion rule.

A	90 and up	A−	86–90	B+	82–86	B	78–82	B−	74–78	C+	70–74
C	66–70	C−	62–66	D+	58–62	D	54–58	D−	50–54	F	below 50

Calculators: You can use calculators and mathematical software when doing homework, but you should be able to do most problems without a calculator. Unless otherwise indicated in class, calculators will not be permitted on quizzes and exams.

Academic Integrity: Don't cheat! For all UConn academic policy, please go to http://provost.uconn.edu/syllabi-references/.

Useful resources: I want to particular point out that Q-Center provides tutoring for this class. Please check it out at http://qcenter.uconn.edu/.

Course Schedule

Schedule for Math 2410				
Week	Date	Sections	Homework	Quiz or Exam info
1	8/30, 9/1	1.2, 1.8	Hw 1: (1.2) 5, 6, 9, 17, 20, 28, 31, 34 (1.8) 1, 3, 7, 8, 9, read 19 and 20, and then do 21, 23	no quiz
2	9/6, 9/8	1.1, 1.9	Hw 2: (1.1) 1, 3, 14, 17, 18, 21 (1.2) 39 (1.8) 29 (1.9) 1, 3, 5, 7, 9, 11, 25	Quiz I: 1.2, 1.8
3	9/13, 9/15	1.3-1.5	Hw 3: (1.3) 1, 3, 7, 8, 11, 13, 14 (1.4) 1, 2, 5 (1.5) 1, 3, 4, 5, 7, 13, 17	Quiz II: 1.1, 1.
4	9/20, 9/22	1.6-1.7	Hw 4: (1.6) 1, 3, 5, 8, 13, 15, 23, 31, 33, 39, 43 (1.7) 1, 3, 11, 13, 19, 21	Quiz III: 1.3-1.5
5	9/27, 9/29	2.1-2.2	HW 5 (2.1) 1, 2, 4, 15, 16, 19, 23 (2.2) 1, 3, 4, 7, 10, 13, 15, 16, 21, 27	Quiz IV: 1.6-1.7
6	10/4, 10/6	2.3-2.4	Hw 6: (2.5) 1(a)(b), 2(a)(b), 5 (2.6) 3, 4, 5, 8, 10	Midterm I (10/4) 1.1-1.9, 2.1-2.2
7	10/11, 10/13	2.5-2.6, 3.1	Hw 7: (2.3) 1, 3, 5, 7 (2.4) 1, 3, 7, 13 (3.1) 5, 8, 14, 16, 17, 18, 24, 27, 29	Quiz V: 2.1, 2.2, 2.5, 2.6
8	10/18, 10/20	3.2-3.3	Hw 8: (3.2) 1, 3, 5, 7, 11b, 13b, 14a, 16, 21 (3.3) 1, 3, 5, 9, 11, 13, 19, 21	Quiz VI: 2.3-2.4, 3.1
9	10/25, 10/27	3.3-3.5	Hw 9: (3.3) 1, 3, 5, 9, 11, 13, 19, 21 (3.4) 1, 3, 4, 5, 9, 10, 15 (3.5) 17, 19, 20	Quiz VII: 3.2-3.3
10	11/1, 11/3	3.6-3.7, 5.1	Hw 10: (3.6) 1, 5, 7, 13, 15, 21, 23 (3.7) 2, 3, 4 (5.1) 1, 3, 6, 7, 9, 15, 17	Quiz VIII: 3.3-3.5
11	11/8, 11/10	4.1	Hw 11: (4.1) 1, 3, 5, 11, 13, 17, 21, 27, read 31 and do 33, read 36 and do 39	Midterm II (11/8) 2.1-3.7, 5.1
12	11/15, 11/17	4.2-4.3	Hw 12: (4.2) 1, 5, 9, 11, 13, 15, 17, 19 (4.3) 1, 5, 9, 13, 15, 17, 21	Quiz IX: 3.6-3.7, 4.1, 5.1
13	Thanksgiving		Enjoy your time with family!	
14	11/29, 12/1	6.1-6.2	Hw 13: (6.1) 1, 3, 7, 9, 11, 15, 17 (6.2) 1, 3, 5, 9, 13	Quiz X: 4.2-4.3
15	12/6, 12/8	6.3+review	Hw 14: (6.3) 1, 3, 7, 11, 15, 17, 27, 28, 31	Quiz XI: 6.1-6.2
Final	Good luck!			