Syllabus for Math 2410Q – Elementary Differential Equations

Section 015 – Spring 2019

Class time: TR 12.30 – 1.45pm
Classroom: MCHU 307

Instructor: Janna Lierl
Contact: janna.lierl@uconn.edu Please write *Math 2410* in the subject line of any email.
Office hours: TBA

Textbook: Dennis G. Zill *A First Course in Differential Equations with Modeling Applications*

This course will be using **HuskyCT** and **WebAssign**.

Content: Introduction to ordinary differential equations and their applications, linear differential equations, systems of first order linear equations, numerical methods.

Formal prerequisites: MATH 1132, 1152 or 2142. Recommended prep: A grade of C- or better in MATH 1132 and MATH 2110 or 2130. Cannot be taken after MATH 2144, 2420, 2720, 3146, 3150, 3410, 3412, 3510, 3710. Repeat restrictions apply: http://advising.uconn.edu/repeat-policy/

Lectures policy: Attendance is strongly encouraged. Use of smartphones and similar electronic devices is not permitted. Recording of lectures (audio, video, pictures) is prohibited. Questions on the course material are welcome at any time during the lectures.

Homework policy: There will be weekly reading assignments and homework assignments. You get most out of the course if you do the reading assignments before class. The homework assignments are given through WebAssign. No late homework will be accepted.

Q-Center: Take advantage of the Free drop-in peer tutoring, see https://qcenter.uconn.edu/

Exams: There will be two midterm exams and a final exam. The exams are in class, at the usual time in the usual classroom. Cheat sheets, notes, calculators, electronic devices, and textbooks are **not** allowed in the exams. The instructor may choose to give graded quizzes in class. Quizzes will be announced at least 2 days before.

Exam dates:
Midterm 1: Tuesday, February 26
Midterm 2: Tuesday, April 9
Final: TBA

If you miss a test: No make up exams will be given for the midterms or quizzes. If you have to miss a midterm for a serious and documented reason then the other exams will simply count more. In such case, please reach out to the Dean of Students who will approve your absence.

Grades:
50% midterms/quizzes,
30% final exam,
20% homework.

The following grade scale will be used for this course (may be lowered but not raised).

A	> 93
A-	> 90
B+	> 86
B	> 83
B-	> 80
C+	> 75
C	> 70
C-	> 65
D+	> 60
D	> 55
D-	> 50
F	50 or less.

Academic integrity: All work that you present as your own must indeed be your own work. Incidents of cheating will be reported and will likely cause a failing grade. It is your responsibility to avoid all suspicion of cheating. Exams, quizzes, and homeworks must be turned in on time without delay. You are expected to have read and understood The Student Code, see http://community.uconn.edu/the-student-code-appendix-a/.

Students with disabilities: I will be happy to provide accommodations. By UConn policy, you need to obtain a letter from the Center for Students with Disabilities (http://csd.uconn.edu/) that outlines the accommodations for you. If you need accommodations for the exams, please have the CSD contact me at least one week before the scheduled exam.

General advice:
This course requires good knowledge of calculus. Make sure to review at the beginning of the semester. You will learn most if you attend every class, read the textbook section before class, and solve as many exercises as you can. You are encouraged to reach out to other students in the class and discuss exercises or homework problems. A study group can also help you to stay motivated and focused throughout the semester. Also use the Q-Center as a resource throughout the semester and not just before the exams. If at any time you feel like you might be falling behind in this course, please do not hesitate to contact me.

Any changes to this syllabus would be announced in class, and the updated syllabus is will be posted on HuskyCT.