UNIV 1108 Introduction to mathematical Modeling  
Fall 2017

Instructor: Dr. Xuechao Li  
Email: xcli@uga.edu

Office hour: MW: 2:00—3:00PM or by appointment  
Please feel free to email me with any questions you have!

**Required Material**

Authors: Mary Ellen Davis and C. Henry Edwards

Besides the required text book you will need a TI 83 or TI84 calculator for this course.

**Rules and Requirements**

**Attendance:** This math class like all others builds from class meeting to class meeting you should do your best to make it to all class meetings so that your notes will be up to date and so that you will have the opportunity to ask questions.

**Honesty:** As a University of Georgia student, you have agreed to abide by the University’s academic honesty policy, “A Culture of Honesty,” and the Student Honor Code. All academic work must meet the standards described in “A Culture of Honesty” found at: [https://ovpi.uga.edu/academic-honesty/academic-honesty-policy](https://ovpi.uga.edu/academic-honesty/academic-honesty-policy). Lack of knowledge of the academic honesty policy is not a reasonable explanation for a violation. Questions related to course assignments and the academic honesty policy should be directed to the instructor.

**Homework:** “Almost” all odd numbered question at the end of each section. Detail HW assignment will be assigned almost at every class period. These are the problems that I would like for you to attempt and then bring questions to the next class meeting. Homework will not be collected. 10% of your final grade is based on quizzes and homework but since I do not collect the homework this 10% will come from your participation in class.

**Chapter Tests:** *No-Make-Ups*. There will be 4 chapter tests that you will take during scheduled class time. For in class test you will have the entire class time to take the test. These chapter tests will account for 70% of your final grade.  
You are allowed to drop one of your lowest tests. So you will have 3 tests grades being accounted toward to your course grade.

**Final Exam:** Your final exam will be taken in class on December 8th at 12:00—3:00PM. This exam will account for the remaining 20% of your course grade.  
Do not ask to take the exam early because the answer will be “NO!”
The final exam may be used to substitute **ONE** missing chapter test in the event of an excused emergency absence. An excused emergency absence will only be granted when you have notified me of the illness/emergency prior to the class meeting on the test day.

Note: You are RESPONSIBLE to keep track of your own grades.

**Grading**
Grading is on a standard 10-point grading scale.

Note: You are **RESPONSIBLE** to keep track of your own grades.

**Example** of how to calculate your grade: Suppose you have scores on your four chapters tests which are 93, 65, 80, and 92 respectively. After drop the test of 65 which is the lowest one, Then your chapters tests earning for you is:

\[
\frac{93 + 80 + 92}{300} \times 0.6 = 0.53 = 53\%
\]

Quizzes: (assume your 7 quizzes are 100, 80, 90, 70, 60, 100, 50 respectively)

\[
\frac{100 + 80 + 90 + 70 + 60 + 100 + 50}{700} \times 0.05 = 0.039 \approx 4\%
\]

Suppose that your final is 68 over 100 which gives that:

\[
\frac{68}{100} \times 0.25 = 0.17 = 17\%
\]

Your course grade will be (Assume that your HW received 10%)

\[
53\% + 4\% + 10\% + 17\% = 84\% \text{ which is B.}
\]

**A:** >=9%, **B:** >=80%, **C:** >=70%, **D:** >= 60%, **F:** < 59%

**Tentative dates for tests**
- 09/01/2017: Test 1 (Chapter 1 & Chapter 2)
- 10/06/2017: Test 2 (Chapter 3)
- 10/22/2017: Test 3 (Chapter 4)
- 11/29/2016: Test 4 (Chapter 5)

**Final exam (Comprehensive)**
Final exam: December 8th at 12:00—3:00PM Location: will be announced later this semester.
The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.