

Lecture: MWF at 11:15–12:05pm in Physics 254

Section No.: 20561

Office: Boyd Graduate Research Center 524A

Email: eric@math.uga.edu (Please use this email to contact me, not eLC)

Office Hours: M 3:30–4:30pm, T 2:00–3:00pm, and W 12:15–1:15pm

Course Websites: alpha.math.uga.edu/~eric

Text: Solomon Garfunkel *et al.*: *For All Practical Purposes: Mathematical Literacy in Today's World*, 9th edition, W.H. Freeman and Co., 2009. Note, **there is a 10th edition, but we will be using the 9th edition**. Buying the textbook is not required. You should know by now if you are the type of student who uses the textbook.

Course Description: Applications of modern mathematics to management and decision making including the solution of optimization problems using network theory, methods for optimal scheduling, voting methods, game theory, and related strategies. Applications include planning of postal delivery routes, placement of cable television lines, United States Congressional apportionment, and dispute resolution.

Schedule: The schedule for the course can be found on my website (available soon).

Grading:		Grading Scale:			
Homework	15%	93–100	A	77–79	C+
Quizzes	20%	90–92	A-	73–76	C
Tests	40%	87–89	B+	70–72	C-
Final Exam	25%	83–86	B	60–69	D
		80–82	B-	0–59	F

Homework will generally be assigned on Fridays, and will be due the following Friday, unless otherwise announced. Homework assignments will be posted on my website (see above).

Quizzes may be announced or unannounced. Announced quizzes will take place every Wednesday unless there is a test that day. Unannounced quizzes will occur if less than 75% of the class is in attendance. Your lowest two quiz grades will be dropped.

Tests, of which there will be three, are scheduled for 2/10, 3/16, and 4/20 and are weighted equally.

The final exam will be comprehensive. Check the UGA final exam schedule for the exact date and time, and unless otherwise announced, the final exam will take place in the same room as lecture.

Tests may be made up in the event of University of Georgia athletics or illness, if documented. It is the responsibility of the student to contact me before the next class to make appropriate arrangements for making up any missed tests.

Calculators will not be allowed on quizzes or tests. Cell phones should be silenced and laptops put away during class.

Academic 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: 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 me.

Academic Accommodation: If you have a documented (learning) disability, you should contact the Disability Resource Center (drc.uga.edu/about/welcomeletter.php).

Disclaimer: The course syllabus is a general plan for the course; deviations announced to the class by the instructor may be necessary.