

Instructor: Trevor Olsen
CRN: 42078
Section: 170-003
Class Time & Meeting Room T,H: 4:25pm-5:40pm, LC 101

Email: tvolsen@math.sc.edu
Office: LC 104
Office Hours: M: 1-2, H: 3:30-4:30

COURSE DESCRIPTION AND OBJECTIVES

Learning Outcomes: Upon successful completion of the course, students will be able to apply the methods of mathematics, statistics, or analytical reasoning to critically evaluate data, solve problems, and effectively communicate findings verbally and graphically. They will exhibit mastery of elementary matrix theory, systems of linear equations, permutations, combinations, probability, Markov chains, linear programming, and game theory. Additionally, they will gain the conceptual understanding and skills needed to solve real-world problems related to business, economics, and the social sciences.

REQUIRED MATERIALS

- **Textbook:** Finite Mathematics, 6th edition (S. Waner, S. Costenoble).
- **Online Materials:** WebAssign access code. Course code: **sc 2628 3092**

COURSE POLICIES AND EXPECTATIONS

Attendance: Every 4th absence whether excused or not will result in a half grade drop. If you have an excuse for missing class you must speak with me prior to the expected missed class.

Cell Phones: Cell phones are not allowed in class unless stated otherwise. In an emergency situation please speak with me prior to class about requiring your cell phone. Phones that are out during class will be taken away for the remainder of the class after ONE warning.

Laptops: Laptops are not allowed in class under any circumstances.

Academic Integrity: Students are expected to follow the Carolina Creed found here: <https://www.sa.sc.edu/creed/>
Students are also expected to follow policies and procedure found here: <http://www.sc.edu/policies/ppm/staf625.pdf>
Anyone caught cheating will receive a 0 on that assignment, quiz or exam and may face further consequences.

Students with Disabilities: For students seeking additional disability accommodations you MUST register with the Office of Student Disability Services and speak with me AS SOON AS POSSIBLE. More details can be found here: <https://www.sa.sc.edu/sds/>

Studying: This class meets two times a week for lecture for 75 minutes. It is **very** important that you study at least 2 hours out of class for every hour within class. It is important to work many problems by yourself, math is not a spectator sport. Being able to understand a problem worked out in class is very different from being able to solve a problem on your own.

Late Policy: Late assignments will not be accepted under any circumstances without documentation.

Make-Up Policy: Exams can be made up ONLY in the case of an emergency, and ONLY if you request a make-up exam BEFORE the scheduled time. It is your responsibility to contact me within a reasonable time to request a make-up exam.

ASSIGNMENTS

Homework: All homework will be posted online using WebAssign. Homework sets will be assigned regularly throughout the semester.

Exams: There will be 3 exams throughout the semester. The exams are projected to be on: 2/18, 3/24, 4/23

Final Exam: There will be a cumulative final exam on Tuesday, May 5th at 4 pm in LC 112

EVALUATION:

Homework: 14%.....
Exam 1: 19%.....
Exam 2: 19%.....
Exam 3: 19%.....
Cumulative Final: 29%.....

Final Grades will use the following scale

A	B+	B	C+	C	D+	D	F
100-90%	89-85%	84-80%	79-75%	74-70%	69-65%	64-60%	59% and below

USEFUL WEBSITES:

- Blackboard Website: <https://blackboard.sc.edu>
- WebAssign: <https://webassign.com/> COURSE ID: **sc 2628 3092**
- Software Support for Calculations: <http://www.wolframalpha.com/>
- Software Support for Graphing: <https://www.desmos.com/>

SUPPORT:

- FREE TUTORING in LC 105 (MWF: 10am-3pm, TH:10am-2pm)
- Student Success Center – Offers FREE tutoring and FREE 1 on 1 ONLINE tutoring. (<http://www.sa.sc.edu/ssc/>)

Important Dates:

- 1/21/20 Last day for students to DROP or withdraw without a grade of “W”
- 3/28/20 Last day for students to DROP or withdraw without a grade of “WF”
- 1/20/20 MLK Day (no class)
- 3/8/20 to 3/15/20 Spring Break (no class)

Tentative sections (this may change as the semester progresses):

3.1, 3.2, 3.3, 4.1, 4.2, 4.3, 4.4, 5.1, 5.2, 6.1, 6.2, 6.3, 6.4, 7.1, 7.2, 7.3, 7.4, 7.5, 7.6, 7.7