Instructor: Dr. G Wildenberg  
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OFFICE HOURS: Please see my web page

TOPICS: The course studies a variety of topics chosen because of their applicability to professional work. Among these are linear relations, matrices, the Simplex Algorithm, and probability.

TEXT: *Finite Mathematics* by Frank Wilson, published by Houghton Mifflin

REQUIREMENTS: Hand in all assigned homework problems.  
Study not only class notes, but also the text, especially its examples.  
A TI-83 or TI-83 plus Graphing Calculator.

ATTENDANCE: Class attendance is mandatory. Absence may lower your grade and an FA may be assigned upon missing a 3rd class. To be excused from an absence for some very serious reason, you must hand in a written explanation. Short quizzes will also be given about once a week.

GRADING: Homework = 20%  Class Tests = 40%  Final Examination = 30%  Math Skills=10%. In addition, your participation during class MAY raise or lower your final grade.

CLASS TESTS: Three major class tests are planned.

Core goals:

P4: EXPLORATIONS OF THE NATURAL AND TECHNICAL
These courses are intended to explore specific scientific, mathematical, and technical topics and relate them to historical and contemporary developments. Such topics may be general principles underlying science and mathematics or may be specific areas of interest. These courses will illustrate how mathematics and the sciences are constantly changing as a result of their interactions with each other and their applications, which are usually interdisciplinary in nature.

Student Learning Goals
1. Students will recognize and apply the scientific method and/or mathematical methods to the study of particular topics.  
2. Students will identify how scientific, mathematical and technological disciplines impact one another.
3. Students will illustrate the impact of scientific discovery, mathematical knowledge and technological advances on society.

HOMEWORK:
HW solutions should begin by copying the statement of the problem. SHOW all necessary data, drawings, and work. Since the answers to many problems is in the text, the emphasis is on you showing all your work. If you used a calculator for any of the homework, you do need to explain what you did.

You are responsible to KEEP your HW on file.

MORE ON HOMEWORK: 1. Hand in homework assignments on 8.5 x 11 inch paper with the edges trimmed.
   2. Put the Section title (e.g., 5.4 A) at the head of each assignment.
   3. Following each test, TEST CORRECTIONS should be handed in as an extra homework assignment. Text corrections consist of rewriting completely each problem for which full credit was not given. This work should be handed in one week from the day the tests are given back.

HELP: Students having trouble solving HW problems or understanding concepts should get individual extra help either in the Math Help Center (top level, Golisano Gateway) or from me.

CLASSROOM COURTESY: All students must be respectful of each other and the instructor at all times. Turn OFF your mobile cell phone. Don’t text in class.

Math Skills Assessment: By department policy completing the Math Skills Assessment level B is a requirement for this course. All information is contained in http://www.sjfc.edu/campus-services/mathcenter/assessment.dot
STUDENTS WITH DISABILITIES: In compliance with St. John Fisher College policy and applicable laws, appropriate accommodations are available to you if you are a student with a disability. All requests must be supported by appropriate diagnosis and documentation and be determined reasonable by St. John Fisher College. Students with documented disabilities (physical, learning, psychological) and who may need academic accommodations are advised to make an appointment as soon as possible with the Coordinator of Services for Students with Disabilities in the Student Development Center, (K 202).