

Instructor: COSTEL IONITA
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Time: 8:00-8:50 MWF
Place: NIB 135
Office Hours: 8:00-11:00 Tu, 10:00-11:00, 2:00-2:30 MTuWF
or by appointment
Text: "Mathematics: A Discrete Introduction"; Second Edition
by Edward Scheinerman

1. OBJECTIVES: All classes in mathematics at Dixie College support the general education goal of the college. Within the limitations imposed by the nature of mathematics (i.e. the dependency on prior learning and the need for content fluency) each class will:

- Require students to perform mathematical processes including fractions, percentages, decimals, proportions/ratios, algebraic equations and/or calculus techniques.
- Provide students with application problems that use a variety of methods including arithmetical, algebraic and geometric methods.
- Challenge students to make inferences from mathematical models that include formulas, graphs and tables.
- Provide students with real-life applications that use a variety of mathematical functions.

DMAIL: Important class and college information will be sent to your Dmail email account. This information includes your DSC bill, financial aid/scholarship notices, notification of dropped classes, reminders of important dates and events, and other information critical to your success in this class and at DSC. All DSC students are automatically assigned a Dmail email account. If you don't know your user name and password, go to www.dixie.edu and select "Dmail," for complete instructions. You will be held responsible for information sent to your Dmail email, so please check it often.

IMPORTANT DATES Go to: <http://new.dixie.edu/reg/?page=fall2011>

CLASS ATTENDANCE AND PARTICIPATION: It is your responsibility to attend class although it is not required. Be willing to be involved in the class as an active participant. ASK questions, contribute toward solutions, and be interested in the class activities.

GETTING HELP: Use the office hours! I do not plan anything during those times so if you do not stop by I am getting very bored. Use me as much as you can. That's why I am here.

HOMEWORK: Keep in mind that math is a skill that can only be learned and mastered by doing it yourself with lots of practice. Do not attempt to do a whole chapter's assignment at one sitting. A minimum of two hours spent studying outside of class for each hour in class is usually required for college courses.

GRADING: There are five tests (including the final exam) counting for 60% of your grade. The weekly homework assignments will count for 40% of your grade. All tests count toward your grade. The lowest test score can be replaced by the percent on the final exam. Make-up exams as a general rule will not be given.

L^AT_EX: You have to install and use L^AT_EX on your computers. Go to <http://www.tug.org/begin.html> to get started. If you have questions about it, come to my office.

GRADING SCALE: A (90-100%), B+ (87-89%), B (83-86%), B- (80-82%), C+ (75-79%), C (70-74%), C- (65-69%), D+ (64-60%), D (55-59%), D- (50-54%), F (0-50%).

Monday HOMEWORK DUE	Wednesday	Friday
08/22 1:	08/24 2: 2.1-2.7odd, 2.8, 2.10	08/26 3: 3.1-3.6all Have L ^A T _E X working.
08/29 4: 4.1-4.13odd	08/31 5: 5.1-5.9odd	09/02 6: 6.1-6.11odd
09/05 NO SCHOOL	09/07 Review	09/09 TEST 1
09/12 7: 7.1-7.13odd	09/14 8: 8.1-8.9odd	09/16 9: 9.1-9.7odd
09/19 10: 10.1-10.5odd, 10.4	09/21 11: 11.1-11.11odd, 11.19	09/23 12: 12.1, 12.2
09/26 Review	09/28 TEST 2	09/30 13: 13.1-13.9odd
10/03 14: 14.1-14.9odd	10/05 15: 15.1-15.13odd	10/07 16: 16.1-16.13odd
10/10 19: 19.1-19.11odd	10/12 20: 20.1-20.7odd	10/14 NO SCHOOL
10/17 21: 21.1, 21.2, 21.3	10/19 21: 21.4, 21.8	10/21 22: 22.1, 22.2, 22.6
10/24 Review	10/26 TEST 3	10/28 23: 23.1-23.9odd
10/31 25: 25.1-25.11odd	11/02 28: 28.1, 28.2, 28.3, 28.7, 28.8	11/04 34: 34.1-34.5 odd
11/07 35: 35.1-35.5odd, 35.11, 35.13, 35.19	11/09 36: 36.1-36.4all, 36.13	11/11 36: continued
11/14 38: 38.1, 38.2, 38.3, 38.8, 38.20, 38.23	11/16 Review	11/18 TEST 4
11/21 46: 46.1, 46.2, 46.3, 46.13, 46.15, 46.15	11/23 NO SCHOOL	11/25 NO SCHOOL
11/28 47: 47.1, 47.3, 47.5	11/30 48: 48.1, 48.3, 48.5, 48.7	12/02 49: 49.1, 49.3, 49.5, 49.6
12/05 50: 50.1, 50.3, 50.6	12/07 51: 1, 6, 8	12/09 52: 1, 2, 8

FINAL EXAM on FRIDAY, December 16, 7:30-9:30 am.