

Math 2200-50 Discrete Mathematics (CRN 23623) Spring 2012
MW 5:15~6:30 PM, NIB 144 (3 Credits)

INSTRUCTOR: Dr. Clare Banks, banks@dixie.edu Office: NIB 138 Phone: 652-7982
Office Hours: MWF 9~9:50, MW 11~11:50

REQUIRED : Edward Scheinerman (2006), *Mathematics: A Discrete Introduction*
TEXT (2nd ed.) Brooks/Cole

COURSE Course description from catalog, course objective, and course
INFO: outcomes for math 2200 course can be found on the math department
website:
http://new.dixie.edu/math/math_2200.php

PREREQUISITIES: C or better in Math 1210 or the equivalent.

CALCULATOR: A scientific calculator is recommended.

GRADING POLICY/SCALE: Your semester grade will be based on the following scale:
A(94~100%), A- (90~93%), B+ (87~89%), B (83~86%), B- (80~82%),
C+ (77~79%), C (72~76%), C- (69~71%), D+ (66~69%), D (60~65%), D-
(55~59%), F(0~59%)
Homework 10% Attendance 5%
Exams 80% Presentation 5%

DISABILITIES: If you suspect or are aware that you have a disability that may affect
your success in the course you are strongly encouraged to contact the
Disability Resource Center (DRC) located in the North Plaza
Building. The disability will be evaluated and eligible students will
receive assistance in obtaining reasonable accommodations. Phone #
435-652-7516

DMAIL: Important class and college information will be sent to your Dmail email
account. This information includes your DSC bill, financial aid/scholarship
notices, and 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: Please see <http://new.dixie.edu/reg/?page=spring2012> for important dates

CHEATING AND DISRUPTIVE BEHAVIOR Cheating and disruptive behavior will not be tolerated. Dixie State College policy on Academic Dishonesty is explained on the website <http://www.dixie.edu/humanres/policy/sec3/334.html>
Policy for Absences Related to College Functions:
<http://www.dixie.edu/humanres/policy/sec5/523.html>

HELP: I am available during my office hours and by appointment. NIB 202 also has tutors available.

SUCCESS: To be successful in this course, follow these guidelines: 1) read before class, 2) attend all classes, 3) do all homework, 4) study each day – do lots of practice problems, 5) seek help immediately if you are lost, 6) have fun with it!

ASSIGNMENTS:

1. Homework

Doing your homework will prepare you for the exams. Understanding how to solve the homework problems is crucial to success in this class. You are permitted to hand in late homework 2 times. Please save this privilege for when you are ill or for when an emergency arises. Late homework will in no way be accepted 1 week or more past the due date. Clearly label your homework with chapter and section number. Start each section with a clean page.

3. Presentation

Project/presentation will be explained as assigned 2 weeks after the start of the semester.

4. Examinations

There will be four exams as well as a comprehensive final exam.

5. Attendance/Participation

Students missing no more than five classes (excused or unexcused) can replace their lowest exam score with the score they receive on their final exam.

This Syllabus is tentative; students are responsible for any changes announced in class.

MON	WED
9 <i>Jan</i> Section 1, 2	11 Section 3
16 No Class	18 Section 4, 5
23 Section 5, 6	25 Section 7, 8
30 Section 9	1 <i>Feb</i> Section 10
6 Section 11, 12	8 Section 13, 14
13 Section 14, 15	15 Section 16, 19
20 No Class	22 Section 19, 20
27 Section 21, 22	29 Section 22, 23
5 <i>Mar</i> Section 25	7 Section 28
12 No Class	14 No Class
19 Section 34, 35	21 Section 36
26 Section 38	28 Section 46
2 <i>April</i> Section 47	4 Section 48
9 Section 49, 50	11 Section 51
16 Section 52	18 Presentation
23 presentation	25 Presentation

- 1.
 2. 1~7 odd, 8, 10
 3. 2~6 all
 4. 1~13 odd
 5. 1~9 odd
 6. 1~11 odd
 7. 1~13 odd
 8. 1~9 odd
 9. 1~7 odd
- Exam I (2/2~2/5)**

10. 1~5 odd, 4
11. 1~7 odd, 11, 13, 19
12. 1, 2
13. 1~9 odd, 6
14. 1~9 odd
15. 1~13 odd
16. 1~13 odd
19. 1~11 odd
20. 1~7 odd

Exam II (2/23~2/26)

21. 1, 2, 3, 4, 8
22. 1, 2, 6
23. 1~9 odd
25. 1~11 odd
28. 1, 2, 3, 7, 8
34. 1~5 odd
35. 1~5 odd, 11, 13, 19
36. 1~4 all, 13
38. 1~3 all, 8, 20, 23

Exam III (3/29~4/1)

46. 1, 2, 3, 13, 15
47. 1~5
48. 1, 3, 5, 7
49. 1, 3, 5, 6
50. 1, 3, 6
51. 1, 6, 8
52. 1, 2, 8

Exam IV (4/19~4/22)

Final Exam: Monday April 30th, 5~7 PM