

Dixie State University
Math 3400-50 Monday 5:15~7:45 PM
Snow147, 3 Credits, CNR: 27344

INSTRUCTOR: Dr. Clare Banks, banks@dixie.edu Office: Snow134B Phone: 652-7982
Office Hours: M 9~11, TWR 9~10 and by appointment

REQUIRED TEXT: Hogg, R., & Tanis, E., Zimmerman, D.(2015) 9th ed. *Probability and Statistical Inference*. NJ: Pearson/Prentice Hall

PREREQUISITES: C or better in Math 2210.

CALCULATOR: A scientific calculator is required. The model TI-84 Plus will be used in class and is highly recommended.

COURSE WORK: The student's final grade will be determined by her/his performance on homework, exams, quizzes, & final project/report.

- *Homework:* Homework will be due on Mondays at the beginning of class. Late homework will not be accepted without a signed medical excuse.
- *Exams:* There will be 4 exams. Each exam will be worth 100 points. No makeup exams will be given except in the case of a documented illness.
- *Attendance/Participation:* Students are expected to be in attendance whenever we meet and actively participate in class discussions. This section also includes in-class activities. Missed in-class work and activities cannot be made up. If you choose to study on your own and not attend class, but still wish to receive your participation points you may take a weekly quiz instead. Note: Once you have made your choice that is how your points are earned for the entire semester. You cannot change.
- *Final project:* The final project will consist of a write-up and a class presentation. More information to follow.
- *Grading:* Exams – 60%, HW – 10%, Final Project-5%, Quizzes or Class Participation – 10%, Final Exam- 15%

GRADES: Grades will be based on the percentage of total possible points that you earn during the semester. Grades will be assigned as follows:

Percent	Grade	Percent	Grade	Percent	Grade
94-100	A	80-82	B-	60-64	D+
90-93	A-	75-79	C+	55-59	D
87-89	B+	70-74	C	50-54	D
83-86	B	65-69	C-	<50	F

IMPORTANT DATES: Please see <http://www.dixie.edu/reg/syllabus/> for important dates and resources

ACADEMIC DISCIPLINE If cheating or disruptive behavior occurs the instructor will follow academic discipline procedures 34.1 & 34.2 , as explained at <http://www.dixie.edu/humanres/policy/sec3/334.html>

DMAIL: You are required to frequently check your Dmail account. Important class and university information will be sent to your Dmail account, including DSU bills, financial aid/scholarship

notices, notices of canceled classes, reminders of important dates and events, and other information critical to your success in this class and at DSU. If you don't know your how to access your Dmail account, go to www.dixie.edu and select "Dmail" from the left column. To locate your Dmail username and password, go to www.dixie.edu and click on "Login to student services" in the upper right-hand corner. You will be held responsible for information sent to your Dmail account, so please check it often.

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

COURSE INFO: Course description from catalog, course objective, and course outcomes for math 2020 course can be found on the math department website: http://new.dixie.edu/math/math_3400.php

Lecture Schedule (Tentative)

Dates	Topic	Assignments
1/12	1-1 1-2	1~12 1~11, 13, 16, 17
1/19	No class	
1/26	1-3 1-4	
2/2	1-5 2-1	
	Exam I	Chapter 1
2/9	2-2 2-3	
2/16	No Class	
2/23	2-4 2-5	
3/2	2-6 3-1	
	Exam II	Chapter 2
3/9	No Class	
3/16	3-2 3-3	
3/23	4-1 4-2	
	Exam III	Chapter 3, 4-1, 4-2
3/30	4-3 4-4	
4/6	5-6 6-1	
4/13	7-1 8-1	
	Exam IV	
4/20	Presentation	
4/27	Presentation	
5/4	Final Exam	comprehensive

The instructor reserves the right to change any of the information on the syllabus. Have a great semester!