MATH 1332

ABOUT

The goal of this course is to help you navigate the world with the mathematical tools you need to be a good decision maker and leader.

INSTRUCTOR INFO

Dr. Brandy Doleshal

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phone: 936-294-4884 **office**: Lee Drain 434

office hours: Face-to-face office hours are Monday 1-2PM and Thursday 10:30-11:30AM. Blackboard Ultra office hours are Wednesday 1-2PM. You may also schedule an appointment, online or in my office.

TECHNICAL REQUIREMENTS

You'll need reliable internet access, a webcam and microphone. We'll take exams through Proctor Free. See http://proctorfree.com/technical-requirements

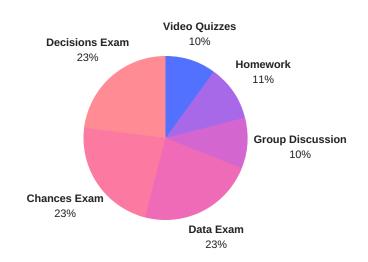
TEXTBOOK

The Heart of Mathematics by Edward B. Burger and Michael Starbird.

PREREQUISITES

This course is designed to meet the objectives of Component Area 2 of the core curriculum for non-business and non-science related majors. Students taking this course should have completed two years of high school algebra and one year of high school geometry.

GRADES



- Video quizzes are embedded in the video lectures.
- Homework will be turned in through Blackboard, and due Wednesday nights at 11:55PM.
- Group Discussions are due on Feb. 1,
 Feb. 22, Mar. 22, Apr, 12 and May 3.
- The Chances exam will be open Feb. 20-21. The Data exam will be open Apr. 3-4. The Decisions Exam will be open May 8-9.

UNIVERSITY POLICIES

See

http://www.shsu.edu/syllabus/ for policies on Academic Dishonesty, Religious Holy Days and Students with Disabilities

MATH 1332

CHANCES

Our first topic is probability. You will learn basic terms of probability, how to compute probability, and how to think critically about common misconceptions about probability.

DATA

In this section of the course, you will learn about ways to collect and represent (and misrepresent) data. You will learn to analyze data for accuracy and use your results to make well-informed decisions.

DECISIONS

In this section, we'll see how our nation makes its decisions, with voting theory and apportionment, and how, on a smaller scale, to divide things fairly.

Jan.		17 First day	18	19
		of class		
22	23	24 Chances	25	26
		1 HW due		
29	30	31 Chances	Feb. 1	2
		2 HW due	Group	_
			Discussion 1	
			due	
5	6	7 Chances 3	8	9
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10	12		15	1/
12	13	14 Chances	15	16
		4 HW due		
19	20 Chances	21 Chances	22 Group	23
	Exam	Exam	Discussion 2	
			due	
26	27	28 Data 1	Mar. 1	2
		HW due		
5	6	7 Data 2	8	9
		HW due		
12	13	14	15	16
19	20	21 Data 3	22 Group	23
17	20	HW due	Discussion 3	23
		TIVV due	due	
26	27	28 Data 4	29	30
20	27	HW due	27	30
			_	
Apr. 2	3 Data	4 Data	5	6
	Exam	Exam		
9	10	11	12 Group	13
		Decisions 1	Discussion 4	
		HW due	due	
16	17	18	19	20
		Decisions 2		
		HW due		
23	24	25	26	27
		Decisions 3		
		HW due		
30	May 1	2 Decisions	3 Group	4
	_	4 HW due	Discussion 5	
			due	
7	8 Decisions	9 Decisions	10	11
	Exam	Exam		