

Course Calendar · MA 16200 · Spring 2023

Week	Day	Date	Class Activities	Outside of Class Activities
1	MON	1/9	Lesson 1 Vectors in the Plane & 3D	Reading 13.1 Vectors in the Plane 13.2 Vectors in the 3-dimensional space
	TUE	1/10	Recitation No Quiz (Getting to Know You Survey)	Homework None
	WED	1/11	Lesson 2 Vectors in 3D	Reading 13.2 Vectors in the 3-dimensional space
	THU	1/12	Recitation Quiz 0 (Syllabus quiz online in Brightspace)	Homework HW1 (Lesson 1) HW2 (Lesson 2)
	FRI	1/13	Lesson 3 Dot Products	Reading 13.3 Dot Products
2	MON	1/16	MLK Day No Lecture	Reading None
	TUE	1/17	Recitation Quiz 1 (Lessons 1 & 2)	Homework HW 3 (Lesson 3)
	WED	1/18	Lesson 4 Cross Products	Reading 13.4 Cross Products
	THU	1/19	Recitation Quiz 2 (Lesson 3)	Homework HW 4 (Lesson 4)
	FRI	1/20	Lesson 5 Regions Between Curves	Reading 6.2 Regions Between Curves
3	MON	1/23	Lesson 6 Volumes by Slicing	Reading 6.3 Volumes by Slicing
	TUE	1/24	Recitation Quiz 3 (Lesson 4)	Homework HW 5 (Lesson 5) HW 6 (Lesson 6)
	WED	1/25	Lesson 7 Volumes by Shells	Reading 6.4 Volumes by Shells
	THU	1/26	Recitation Quiz 4 (Lessons 5 & 6)	Homework HW 7
	FRI	1/27	Lesson 8 Arc Length & Surface Area	Reading 6.5 Length of Curves 6.6 Surface Area

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4	MON	1/30	Lesson 9 Physical Applications (Part 1)	Reading 6.7 Physical Applications
	TUE	1/31	Recitation Quiz 5 (Lesson 7)	Homework HW 8 (Lesson 8) HW 9 (Lesson 9)
	WED	2/1	Lesson 10 Physical Applications (Part 2)	Reading 6.7 Physical Applications
	THU	2/2	Recitation Quiz 6 (Lessons 8 & 9)	Homework HW 10 (Lesson 10)
	FRI	2/3	Lesson 11 Basic Integration & Integration by Parts	Reading 8.1 Integration Basic Approaches 8.2 Integration by Parts
5	MON	2/6	Lesson Exam 1 Review	Reading None
	TUE	2/7	Recitation Exam 1 Review (No Quiz)	Exam 1: 8-9pm in ELLT
	WED	2/8	No Class Class cancelled	Reading None
	THU	2/9	Recitation Quiz 7 (Lesson 10)	Homework HW 11 (Lesson 11) - now due Sun Feb 12
	FRI	2/10	Lesson 12 Trigonometric Integrals (Part 1)	Reading 8.3 Trigonometric Integrals
6	MON	2/13	Lesson 13 Trigonometric Integrals (Part 2)	Reading 8.3 Trigonometric Integrals
	TUE	2/14	Recitation Quiz 8 (Lessons 11)	Homework HW 12 (Lesson 12) HW 13 (Lesson 13)
	WED	2/15	Lesson 14 Trigonometric Substitutions (Part 1)	Reading 8.4 Trigonometric Substitutions
	THU	2/16	Recitation Quiz 9 (Lessons 12 & 13)	Homework HW 14 (Lesson 14)
	FRI	2/17	Lesson 15 Trigonometric Substitutions (Part 2)	Reading 8.4 Trigonometric Substitutions

Week	Day	Date	Class Activities	Outside of Class Activities
7	MON	2/20	Lesson 16 Partial Fractions (Part 1)	Reading 8.5 Partial Fractions
	TUE	2/21	Recitation Quiz 10 (Lesson 14)	Homework HW 15 (Lesson 15) HW 16 (Lesson 16)
	WED	2/22	Lesson 17 Partial Fractions (Part 2)	Reading 8.5 Partial Fractions
	THU	2/23	Recitation Quiz 11 (Lessons 15 & 16)	Homework HW 17 (Lesson 17)
	FRI	2/24	Lesson 18 Improper Integrals	Reading 8.9 Improper Integrals
8	MON	2/27	Lesson 19 Sequences and Series	Reading 10.1 Sequencens and Series: An Overview
	TUE	2/28	Recitation Quiz 12 (Lesson 17)	Homework HW 18 (Lesson 18) HW 19 (Lesson 19)
	WED	3/1	Lesson 20 Sequences	Reading 10.2 Sequences
	THU	3/2	Recitation Quiz 13 (Lessons 18 & 19)	Homework HW 20 (Lesson 20)
	FRI	3/3	Lesson 21 Infinite Series	Reading 10.3 Infinite Series
9	MON	3/6	Lesson Exam 2 Review	Reading None
	TUE	3/7	Recitation Exam 2 Review (No Quiz)	Exam 2: 8-9pm in ELLT
	WED	3/8	Lesson 22 The Divergence and Integral Tests	Reading 10.4 Divergence and Integral Tests
	THU	3/9	Recitation Quiz 14 (Lesson 20)	Homework HW 21 (Lesson 21) HW 22 (Lesson 22)
	FRI	3/10	No Class Class cancelled	Reading None

Week	Day	Date	Class Activities	Outside of Class Activities
10	MON	3/13	SPRING BREAK	
	TUE	3/14	No Class or Recitation	
	WED	3/15	No Quizzes	No Homework
	THU	3/16		
	FRI	3/17		
11	MON	3/20	Lesson 23 Comparison Tests	Reading 10.5 Comparison Tests
	TUE	3/21	Recitation Quiz 15 (Lessons 21 & 22)	Homework HW 23 (Lesson 23)
	WED	3/22	No Class Class cancelled	Reading None
	THU	3/23	Recitation Quiz 16 (Lesson 23)	Homework None
	FRI	3/24	Lesson 24 Alternating Series Test	Reading 10.6 Alternating Series Test
12	MON	3/27	Lesson 25 Ratio Test & Root Test	Reading 10.7 Ratio Test & Root Test
	TUE	3/28	Recitation (No Quiz)	Homework HW 24 (Lesson 24) HW 25 (Lesson 25)
	WED	3/29	Lesson 26 Choose a Convergence Test	Reading 10.8 Choose a Convergence Test
	THU	3/30	Recitation Quiz 17 (Lesson 24)	Homework HW 26 (Lesson 26)
	FRI	3/31	Lesson 27 Approximating Functions with Polynomials (Part 1)	Reading 11.1 Approximating Functions with Polynomials

Week	Day	Date	Class Activities	Outside of Class Activities
13	MON	4/3	Lesson 28 Approximating Functions with Polynomials (Part 2)	Reading 11.1 Approximating Functions with Polynomials
	TUE	4/4	Recitation Quiz 18 (Lessons 25 & 26)	Homework HW 27 (Lesson 27) HW 28 (Lesson 28)
	WED	4/5	Lesson 29 Properties of Power Series (Part 1)	Reading 11.2 Properties of Power Series
	THU	4/6	Recitation Quiz 19 (Lesson 27)	Homework HW 29 (Lesson 29)
	FRI	4/7	Lesson 30 Properties of Power Series (Part 2)	Reading 11.2 Properties of Power Series
14	MON	4/10	Lesson Exam 3 Review	Reading None
	TUE	4/11	Recitation Exam 3 Review (No Quiz)	Exam 3: 8-9pm in ELLT
	WED	4/12	Lesson 31 Taylor Series	Reading 11.3 Taylor Series
	THU	4/13	Recitation Quiz 20 (Lessons 28 & 29)	Homework HW 30 (Lesson 30)
	FRI	4/14	Lesson 32 Working with Taylor Series	Reading 11.4 Working with Taylor Series
15	MON	4/17	Lesson 33 Polar Coordinates (Part 1)	Reading 12.2 Polar Coordinates
	TUE	4/18	Recitation Quiz 21 (Lesson 30)	Homework HW 31 (Lesson 31) HW 32 (Lesson 32)
	WED	4/19	Lesson 34 Polar Coordinates (Part 2)	Reading 12.2 Polar Coordinates
	THU	4/20	Recitation Quiz 22 (Lessons 31 & 32)	Homework HW 33 (Lesson 33) HW 34 (Lesson 34)
	FRI	4/21	Lesson 35 Areas and Lengths in Polar Coordinates	Reading 12.3 Areas and Lengths in Polar Coordinates

Week	Day	Date	Class Activities	Outside of Class Activities
16	MON	4/24	Final Exam Review	Quiet Period The University mandates that there be no homework or quizzes due this week
	TUE	4/25	Recitation Extra Credit: Quiz 23 (Lessons 33 & 34)	Homework Extra Credit: HW 35 (Lesson 35) Due Mon May 1 at 11:59pm
	WED	4/26	Final Exam Review	Quiz 23 and HW 35 are optional. Students who complete these assignments will earn extra credit.
	THU	4/27	Recitation Final Exam Review (No Quiz)	
	FRI	4/28	Final Exam Review	
17	MON	5/1		
	TUE	5/2	Final Exam 7:00-9:00pm in Multiple Rooms	More information will be posted on Brightspace
	WED	5/3		
	THU	5/4		
	FRI	5/5		