#### MATH 1552 COURSE SYLLABUS

#### SPRING 2019

## **Tentative Course Schedule**

Please use this as an approximate class schedule; section coverage may change depending on the flow of the course. Review days/topics may be changed or cancelled in the event of inclement weather.

Mon	Tues	Wed	Thurs	Fri	
Jan 7	Jan 8	Jan 9	Jan 10	Jan 11	
Introduction	HW: Memorize the	Section 5.1: Area under	HW: Memorize the	Section 5.2: Area under	
Section 4.8: Review of	formulas in section 4.8!	the curve	formulas in section 4.8!	the curve	
Derivatives/Anti-			Try review problems on		
derivatives			MyMathLab.		
Jan 14	Jan 15	Jan 16	Jan 17	Jan 18	
Section 5.3: The	HW 1due: sections 5.1-	Section 5.3, continued	Quiz 1: sections 4.8,	Section 5.4: The	
Definite Integral	5.2		5.1-5.2	Fundamental Theorem	
				of Calculus	
Jan 21	Jan 22	Jan 23	Jan 24	Jan 25	
No class	HW 2 due: sections	Section 5.5, 7.1:	Quiz 2: sections 5.3-5.4	Section 5.6: Area	
MLK Holiday	5.3-5.4	Integration by		Between Curves	
		Substitution			
Jan 28	Jan 29	Jan 30	Jan 31	Feb 1	
Section 8.2: Integration	HW 3 due: sections	Section 8.2, continued	Quiz 3: sections 5.5-5.6	Section 8.3: Integration	
by Parts	5.5-5.6			of Products and Powers	
Fab 4	Ech 6	Esh (	Ech 7	of frig Functions	
Fed 4	red 5	Feb o	Peol	red 8	
Section 8.4.	H w 4 due: sections	Deview for midtane 1	Review for midlerin 1	Midlerin 1. Sections $4.9, 5.1, 5.6, 9.2, 9.2$	
Substitution	8.2-8.3	Review for midterm I		4.8, 5.1-5.0, 8.2-8.5	
Substitution					
Feb 11	Feb 12	Feb 13	Feb 14	Feb 15	
Section 8.5: Partial	HW 5 due: section 8.4	Section 8.5, continued	Quiz 4: section 8.4	Section 4.5:	
fractions				L'Hopital's rule	
Feb 18	Feb 19	Feb 20	Feb 21	Feb 22	
Section 8.8: Improper	HW 6 due: sections 8.5,	Section 8.8, continued	Quiz 5: sections 8.5,	Section 10.1:	
Integrals	4.5		4.5	Sequences	
Feb 25	Feb 26	Feb 27	Feb 28	Mar 1	
Section 10.2: Infinite	HW 7 due: sections 8.8,	Section 10.2, continued	Quiz 6: sections 8.8,	Section 10.3: The	
Series	10.1		10.1	Integral Test	
Mar 4	Mar 5	Mar 6	Mar 7	Mar 8	
Section 10.4:	HW 8 due: sections	Section 10.4, continued	Review for midterm 2	Midterm 2: Sections	
Comparison Tests	10.2, 10.3	Review for Midterm 2		8.4-8.5, 4.5, 8.8, 10.1-	
				10.3	
Mar 11	Mar 12	Mar 13	Mar 14	Mar 15	
Section 10.5: Ratio and	HW 9 due: section 10.4	Section 10.6:	Quiz 7: Section 10.4	Section 10.6, continued	
Root tests		Alternating Series			
Mar 18-March 22 Spring Break, No Class					
Mar 25	Mar 26	Mar 27	Mar 28	Mar 29	
Section 10.7: Power	HW 10 due: sections	Section 10.7, continued	Quiz 8: sections 10.5-	Sections 10.8-10.9:	
series	10.5-10.6	,	10.6	Taylor series	

# MATH 1552 COURSE SYLLABUS

## SPRING 2019

\_\_\_\_\_

Apr 1	Apr 2	Apr 3	Apr 4	Apr 5
Sections 10.8-10.9,	HW 11 due: section	Sections 10.8-10.9,	Quiz 9: section 10.7	Sections 10.8-10.9,
continued	10.7	continued		continued
Apr 8	Apr 9	Apr 10	Apr 11	Apr 12
Section 6.1: Volumes	HW 12 due: sections	Review for Midterm 3	Review for midterm 3	Midterm 3: Sections
by disks	10.8-10.9			10.4-10.9
Apr 15	Apr 16	Apr 17	Apr 18	Apr 19
Section 6.2: Volumes	HW 13 due: section 6.1	7.2: Separable	Quiz 10: section 6.1	Section 7.2, continued
by Shells		Differential Equations		
Apr 22	Apr 23	Apr 24	Apr 25	Apr 26
Review for Final Exam	Review for Final Exam	Reading Day Study	Final Exam: 6:00-8:50	
		Session TBA	pm	