

Calculus 2nd quarter 2019 - 2020

Date	Section	Concepts taught (for problems given see additional document)
10/29 – 10/30	5.4 & Quiz	Modeling and Optimization
10/31– 11/1	5.5	Linearization and Differentials
11/4 – 11/5	5.6 and Quiz	Related Rates
11/7	Review Chapter 5	
11/8	Exam 5	

Chapter 6: The Definite Integral

11/11 – 11/12	6.1	Estimating with Finite Sums (Reimann Sums)
11/13 – 11/14	6.2	Definite Integrals
11/15 - 11/18	6.3	Definite Integrals and antiderivatives
11/19 - 11/20	Quiz and 6.4	Fundamental Theorem of Calculus
11/21 – 11/22	6.5 and Quiz	Trapezoidal Rule
11/25	Review Chapter 6	
11/26	Exam 6	

Chapter 7: Differential Equations and Mathematical Modeling

12/2 – 12/3	7.1	Slope Fields and Euler's Method
12/4 -12/5	7.2	Antidifferentiation (Integration) by substitution
12/6 – 12/9	7.3 & Quiz	Antidifferentiation (Integration) by parts
12/10 – 12/11	7.4	Exponential Growth and Decay
12/12 – 12/13	7.5 & Quiz	Population growth (logistics)
12/16 – 12/17	Review Chapter 7	
12/18 – 12/19	Exam 7	
12/20	Holiday Review Assignment	

Chapter 8: Applications of Definite Integrals

1/6 – 1/7	8.1	Integrals as Net Change
1/8 – 1/9	8.2	Areas in the plane
1/10– 1/13	8.3	Volumes
1/14	Quiz 8A	over 8.1 – 8.3
1/15 – 1/16	8.4	Lengths of Curves
1/17 – 1/22	8.5	Applications from Science and Statistics

End of Quarter 2

No school Dates:

Monday, 10/28,2019 – Q1 grade transmittal day

Wednesday, 11/6 College Prep Day

Wednesday, Thursday & Friday 11/27, 11/28, 11/29 Thanksgiving Break

Monday, December 23, 2018 – Friday, January 3, 2020 Winter Break

MLK Day, Monday, January 20, 2020

Monday, January 21, 2020 – Q2 grade transmittal day