Schedule   Math10550   Fall 2023

Date	Day	Section	Topic
08/22	Tue.	Tutorial	Course Information, Precalculus Review
08/23	Wed.	Sections 1.1 - 1.3	Review of Functions and their properties
08/25	Fri.	Section 1.4	The tangent and velocity problems
08/28	Mon.	Section 1.5	The limit of a function
08/29	Tue.	Sections 1.1-1.4	Quiz 1
08/30	Wed.	Section 1.6	Calculating limits using the limit laws
09/01	Fri.	Section1.8	Continuity
09/04	Mon.	Section 2.1	Derivatives and rates of change
09/05	Tue.	Sections 1.5, 1.6, 1.8	Quiz 2,
09/06	Wed.	Section 2.2	The derivative as a function
09/08	Fri.	Section 2.3	Differentiation formulas
09/11	Mon.	Section 2.4	Derivatives of trigonometric functions
09/12	Tue.	Sections 2.1, 2.2, 2.3	Quiz 3
09/13	Wed.	Section 2.5	The Chain Rule
09/15	Fri.	Section 2.6	Implicit differentiation
09/18	Mon.		Review for Exam 1
09/19	Tue.	**No Tutorials**	**Exam 1, 8-9:15 a.m.**
09/20	Wed.		Return and discussion of Exam 1
09/22	Fri.	Section 2.7	Rate of change in the natural and social sciences
09/25	Mon.	Section 2.8	Related Rates
09/26	Tue.	Section 2.4.2.5, 2.6, 2.7	Quiz 4
09/27	Wed.	Section 2.9	Linear approximation and differentials
09/29	Fri.	Section 3.1	Maximum and minimum values
10/02	Mon.	Section 3.2	The Mean Value Theorem
10/03	Tue.	Sections 2.8, 2.9, 3.1	Quiz 5
10/04	Wed.	Section 3.3	How derivatives affect the shape of a graph
10/06	Fri.	Section 3.3	How derivatives affect the shape of a graph
10/09	Mon.	Section 3.4	Limits at infinity; horizontal asymptotes
10/10	Tue.	Sections 3.2, 3.3	Quiz 6
10/11	Wed.		Review for Exam 2
10/12	Thu.		**Exam 2, 8-9:15 a.m.**
10/13	Fri.		Return and discussion of Exam 2

10/16	Mon.		Fall Break
10/17	Tue.		Fall Break
10/18	Wed.		Fall Break
10/20	Fri.		Fall Break
10/23	Mon.	Section 3.5	Summary of curve sketching
10/24	Tue.	Section 3.4 and some topics from Exam 2	Quiz 7
10/25	Wed.	Section 3.7.	Optimization problems
10/27	Fri.	Section 3.8	Newton's Method
10/30	Mon.	Section 3.9	Antiderivatives
10/31	Tue.	Sections 3.5, 3.7, 3.8	Quiz 8
11/01	Wed.	Section 4.1	Areas and distances
11/03	Fri.	Section 4.2	The definite integral
11/06	Mon.	Section 4.3	The Fundamental Theorem of Calculus
11/07	Tue.	Sections 3.9, 4.1, 4.2	Quiz 9
11/08	Wed.	Section 4.4	Indefinite integrals and the Net Change Theorem
11/10	Fri.	Section 4.5	The Substitution Rule
11/13	Mon.	Section 5.1	Area between curves
11/14	Tue.	Sections 4.3, 4.4, 4.5	Quiz 10
11/15	Wed.		Review for Exam 3
11/16	Thur.		**Exam 3, 8-9:15 a.m.**
11/17	Fri.		Return and discussion of Exam 3
11/20	Mon.	Section 5.2	Volumes
11/21	Tue.	No Tutorial	No Tutorial
11/22	Wed.		Thanksgiving Break
11/24	Fri.		Thanksgiving Break
11/27	Mon.	Section 5.3	Volumes by cylindrical shells
11/28	Tue.	Sections 5.1, 5.2 some topics from Exam 3	Quiz 11
11/29	Wed.	Section 5.4	Work
12/01	Fri.	Section 5.5	Average value of a function
12/04	Mon.		Review for Final
12/05	Tue.	Sections 5.3, 5.4, 5.5	Review(Old Exam Questions) (points given for attendance and participation.)
12/06	Wed.		Review for Final
12/13	Wed.		**Final Exam, 8-10 a.m.**