

Monday	Tuesday	Wednesday	Thursday	Friday
August 22	23 First day of Classes Worksheet: UF, ROFF	24 Understanding Functions (UF) Review of Famous Functions (ROFF)	25 Worksheet: ROFF	26 What is a Limit? (WIAL)
29 Limit Laws (LL) HW: Precalc Rev	30 Worksheet: WIAL, LL	31 (In)determinate Forms (IF)	September 1 Worksheet: IF HW: WIAL, LL	2 Using Limits to Detect Asymptotes (ULTDA)
5 Labor Day No Classes	6 Worksheet: ULTDA WH1 due	7 Continuity and the Intermediate Value Theorem (CATIVT)	8 Worksheet: CATIVT HW: IF, ULTDA	9 An Application of Limits (AAOL)
12 Definition of the Derivative (DOTD) HW: CATIVT	13 Worksheet: AAOL, DOTD Midterm 1 6:30-7:25PM UF - CATIVT	14 Derivatives as Functions (DAF)	15 Worksheet: DAF HW: AAOL, DOTD	16 Last day to drop w/o a "W" Rules of Differentiation (ROD)
19 Product Rule and Quotient Rule (PRAQR) HW: DAF	20 Worksheet: ROD, PRAQR WH2 due	21 Chain Rule (CR)	22 Worksheet: PRAQR, CR HW: ROD, PRAQR	23 Higher Order Derivatives and Graphs (HODAG)
26 Implicit Differentiation (ID) HW: CR	27 Worksheet: HODAG, ID Midterm 2 6:30-7:25PM AAOL-CR	28 Logarithmic Differentiation (LD)	29 Worksheet: ID, LD HW: HODAG, ID	30 Derivatives of Inverse Functions (DOIF)
October 3 Derivatives of Inverse Functions (DOIF) HW: LD	4 Worksheet: DOIF WH3 due	5 REVIEW Computation of derivatives	6 Differentiation Review HW: DOIF	7 More Than One Rate (MTOR)
10 Applied Related Rates (ARR)	11 Worksheet: Related Rates Comp Test	12 Maximums and Minimums HW: MTOR, ARR	13 Autumn Break No Classes	14 Autumn Break No Classes

MATH 1151 - AUTUMN 2022

THE OHIO STATE UNIVERSITY

17 Concepts of Graphing Functions (COGF)	18 Worksheet: MAM Midterm 3 6:30-7:25PM HODAG-ARR	19 Computations for Graphing Functions (CFGF)	20 Worksheet: COGF, CFGF HW: MAM	21 Extreme and Mean Value Theorems (MVT)
24 Linear Approximation (LA) HW: COGF, CFGF	25 Worksheet: MVT, LA	26 Optimization (O)	27 Worksheet: Optimization HW: MVT, LA	28 Last day to drop without petitioning Applied Optimization (AO)
31 L'Hospital's Rule (LHR)	November 1 Worksheet: Optimization, LHR WH4 due	2 L'Hospital's Rule (LHR)	3 Worksheet: LHR HW: O	4 Antiderivatives (A)
7 Approximating the Area Under a Curve (ATAUAC)	8 Worksheet: A Midterm 4 6:30-7:25PM MAM-LA	9 Approximating the Area Under a Curve (ATAUAC) Definite Integrals (DI)	10 Worksheet: ATAUAC HW: LHR, A	11 Veterans Day No Classes
14 Definite Integrals (DI) HW: ATAUAC	15 Worksheet: DI WH5 due	16 Antiderivatives and Area (AAA)	17 Worksheet: AAA HW: DI	18 First Fundamental Theorem of Calculus (FFTOC)
21 Second Fundamental Theorem of Calculus (SFTOC)	22 Worksheet: FFTOC, SFTOC	23 Thanksgiving Break No Classes	24 Thanksgiving Break No Classes	25 Thanksgiving Break No Classes
28 Applications of Integration (AOI) HW: AAA, FFTOC	29 Worksheet: AOI Midterm 5 6:30-7:25PM O-FFTOC	30 The Idea of Substitution (TIOS)	December 1 Worksheet: AOI, Substitution HW: SFTOC, AOI	2 Working With Substitution (WWS)
5 Review	6 Worksheet: Substitution WH6 due	7 Last day of Classes Review HW: Substitution	8	9
12 Final Exam 6:00-7:45PM Cumulative	13	14	15	