Monday	Tuesday	Wednesday	Thursday	Friday
January 8 Understanding functions(UF) Review of famous functions(ROFF)	9 WORKSHEET UF, ROFF	10 Review of famous functions (ROFF)	11 WORKSHEET ROFF	12 What is a limit?(WIAL)
15 **MLK Day – No Classes**	16 WORKSHEET WIAL **CCR due (online)**	17 Limit laws(LL) **Online homework due Precalc. Rev., WIAL**	18 QUIZ 1 Understanding functions Review of famous functions What is a limit? WORKSHEET LL	19 (In)determinate forms(IF) **CKA 1 and Survey 1 due (online)**
22 Using limits to detect asymptotes(ULTDA) **Online homework due LL**	23 WORKSHEET IF, ULTDA WH 1 due	24 Continuity and the Intermediate Value Theorem(CATIVT) **Online homework due IF, ULTDA**	25 QUIZ 2 Limit laws (In)determinate forms Using limits to detect asymptotes WORKSHEET CATIVT	26 An application of limits (AAOL)
29 **REVIEW** **Online homework due CATIVT**	30 Review **MIDTERM 1 (6:00-6:55pm)** Understanding functions--Continuity and the Intermediate Value Theorem	31 Definition of the derivative (DOTD)	**February 1** WORKSHEET AAOL, DOTD	2 **Last day to drop w/o a "W"** Derivatives as functions (DAF)
5 Rules of differentiation (ROD) **Online homework due DOTD**	6 WORKSHEET DAF, ROD	7 Product rule and quotient rule(PRAQR) **Online homework due DAF, ROD**	8 QUIZ 3 An application of limits Definition of the derivative Derivatives as functions Rules of differentiation WORKSHEET PRAQR	9 Chain rule(CR)
12 Higher order derivatives and graphs(HODAG) **Online homework due PRAQR**	13 WORKSHEET CR, HODAG	14 Implicit differentiation(ID) **Online homework due CR, HODAG**	15 QUIZ 4 Product and quotient rule Chain rule Higher order derivatives and graphs WORKSHEET ID	16 Logarithmic differentiation (LD)
19 Derivatives of inverse functions (DOIF) **Online homework due ID**	20 WORKSHEET LD, DOIF	21 **REVIEW** Techniques for computation of derivatives **Online homework due LD, DOIF**	22 **Computational Test** WORKSHEET Misc.	23 More than one rate (MTOR)
26 Applied related rates(ARR)	27 WORKSHEET Related Rates WH 2 due	28 Maximums and minimums (MAM) **Online homework due MTOR, ARR**	**March 1** QUIZ 5 Implicit differentiation More than one rate Applied related rates WORKSHEET MAM	2 Concepts of graphing functions(COGF)

5 **REVIEW** **Online homework due MAM**	**6** **MIDTERM 2 (6:00-6:55pm)** An application of limits--Maximums and minimums	**7** Computations for graphing functions(CFGF)	**8** WORKSHEET COGF, CFGF	**9** Mean Value Theorem(MVT)
12 **Spring Break**	**13** **Spring Break**	**14** **Spring Break**	**15** **Spring Break**	**16** **Spring Break**
19 Linear approximation(LA) **Online homework due COGF, CFGF**	**20** WORKSHEET MVT, LA	**21** Optimization(O) **Online homework due MVT, LA**	**22** **QUIZ 6** Concepts of graphing functions Computations for graphing functions Mean Value Theorem Linear approximation WORKSHEET Optimization	**23** **Last day to drop without petitioning** Applied optimization(AO)
26 L'Hospital's Rule(LHR)	**27** WORKSHEET Optimization, LHR	**28** Antiderivatives(A) **Online homework due O, LHR**	**29** **QUIZ 7** Optimization Applied optimization L'Hospital's Rule WORKSHEET A	**30** Approximating the area under a curve(ATAUAC)
April 2 Definite Integrals(DI) **Online homework due A**	**3** WORKSHEET ATAUAC, DI **WH 3 due**	**4** Antiderivatives and area(AAA) **Online homework due ATAUAC, DI**	**5** **QUIZ 8** Antiderivatives Approximating the area under a curve Definite Integrals WORKSHEET AAA	**6** First Fundamental Theorem of Calculus(FFTOC)
9 **REVIEW** **Online homework due AAA**	**10** **MIDTERM 3 (6:00-6:55pm)** Concepts of graphing functions--Antiderivatives and area	**11** Second Fundamental Theorem of Calculus(SFTOC)	**12** WORKSHEET FFTOC, SFTOC	**13** Applications of integrals(AOI)
16 The idea of substitution (TIOS) **Online homework due FFTOC, SFTOC**	**17** WORKSHEET AOI, Substitution	**18** Working with substitution **Online homework due AOI**	**19** **QUIZ 9** First and Second Fundamental Theorem of Calculus Applications of integrals WORKSHEET Substitution	**20** Working with substitution **WH 4 due** **CKA 2 and Survey 2 due (online)**
23 **Last Day of Classes** **REVIEW** **Online homework due Substitution**	**24** **Reading Day** **Textbook due**	**25**	**26** **Final Exam (6:00-7:45pm) (cumulative)**	**27**