Math 1151   (Tentative) Calendar   AUTUMN 2019

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

14 Concepts of graphing functions(COGF) **Online homework due** **MTOR, ARR**	**15** WORKSHEET MAM, COGF **WH 2 due**	**16** Computations for graphing functions(CFGF) **Online homework due** **MAM, COGF**	**17** **QUIZ 5** Implicit differentiation Derivatives of inverse functions More than one rate Applied related rates Maximums and minimums Concepts of graphing functions WORKSHEET CFGF	**18** Mean Value Theorem(MVT)
21 **REVIEW** **Online homework due** **CFGF**	**22** Review **MIDTERM 2** **(8:00-8:55pm)** An application of limits -- Computations for graphing functions	**23** Linear approximation(LA)	**24** WORKSHEET MVT, LA	**25** **Last day to drop without petitioning** Optimization(O)
28 Applied optimization(AO) **Online homework due** **MVT, LA**	**29** WORKSHEET Optimization	**30** L'Hospital's Rule(LHR) **Online homework due** **O**	**31** **QUIZ 6** Mean Value Theorem Linear approximation Optimization Applied optimization WORKSHEET LHR	**November 1** Antiderivatives(A)
4 Approximating the area under a curve(ATAUAC) **Online homework due** **LHR**	**5** WORKSHEET A, ATAUAC	**6** Approximating the area under a curve(ATAUAC) **Online homework due** **A**	**7** **QUIZ 7** L'Hospital's Rule Antiderivatives WORKSHEET ATAUAC	**8** Definite Integrals(DI)
11 **Veterans Day** **No Classes**	**12** WORKSHEET DI **WH 3 due**	**13** Definite Integrals(DI) **Online homework due** **ATAUAC**	**14** **QUIZ 8** Approximating the area under a curve WORKSHEET DI	**15** Antiderivatives and area(AAA)
18 **REVIEW** **Online homework due** **DI**	**19** Review **MIDTERM 3** **(8:00-8:55pm)** Mean Value Theorem-- Definite Integrals	**20** First Fundamental Theorem of Calculus(FFTOC) Second Fundamental Theorem of Calculus(SFTOC)	**21** WORKSHEET AAA, FFTOC, SFTOC	**22** Applications of integrals(AOI)
25 The idea of substitution (TIOS) **Online homework due** **AAA, FFTOC, SFTOC**	**26** WORKSHEET AOI, Substitution (S)	**27** **Thanksgiving Break** **No Classes**	**28** **Thanksgiving Break** **No Classes**	**29** **Thanksgiving Break** **No Classes**
December 2 Working with substitution (WWS) **Online homework due** **AOI**	**3** WORKSHEET Substitution(S) **CKA 2** **due (online)**	**4** **Last Day of Classes** **REVIEW** **Online homework due** **Substitution** **WH 4 due**	**5** **Reading Day** **Online textbook assignment due**	**6**
9	**10** **Final Exam** **(6:00-7:45pm)**	**11**	**12**	**13**