

MAT133 Schedule

for Fall 2018 Fall - Winter 2019

Week Number	Topics	Quizzes and Tests
1. Sept 6-12	HP 5.1, 5.2, 5.3 -- Compound Interest, Continuous Compounding	
2. Sept 13-19	HP 5.4, 5.6 -- Annuities, Perpetuities	{first tutorial, no quiz}
3. Sept 20-26	HP 5.5, SM 1, SM 2 -- Amortization, Mortgages, Bonds	First Tutorial, Quiz 1 assigned
4. Sept 27-Oct 3	HP 6.1, 6.2, 6.3, (6.4) -- Matrices	Quiz 2 assigned
5. Oct 4-10	HP 6.4, 6.5, 6.6 -- Solving Systems, Inverses	Quiz 3 assigned
6. Oct 11-17	HP 10.1, 10.2, 10.3, 10.4 -- Limits, Continuity, Inequalities	Quiz 4 assigned
7. Oct 18-24	More Limits/Continuity/Inequ. and Review	Quiz 5 assigned
8. Oct 25-31	HP 11.1, 11.2, 11.4, 11.5 -- Limit Definition of Derivative, Differentiation Rules	Test 1 on Tuesday Oct 30
Reading Week	No classes from Nov 5-9	No tutorial
9. Nov 1-2, 12-14	HP 11.3, 12.4, 12.1, 12.2 -- Rates of Change, Implicit Differentiation, Exp and Logarithmic Derivatives	(no quiz)
10. Nov 15-21	HP 12.5, 12.7, 12.3, 12.6 -- Logarithmic Differentiation, Higher Derivatives, Elasticity, Newton's Method	Quiz 6 assigned
11. Nov 22-28	SM 5, SM 6, HP 13.1, 13.2 -- L'Hôpital's Rule, Relative and Absolute Extrema	Quiz 7 assigned
12. Nov 29-Dec 5	HP 13.3, 13.4, 13.5 -- Concavity, 2nd Derivative Test, Asymptotes, Graphing (full graphing questions)	Quiz 8 assigned
Winter Break	No classes from Dec 7-Jan 6	No tutorial
13. Jan 7-11	HP 13.6, 14.1 -- Optimization, Differentials (review of graphing, if there is time)	Quiz 9 assigned
14. Jan 14-18	Review	(no quiz)
15. Jan 21-25	HP 14.2, 14.3, 14.4, 14.5, 1.5, 14.6 -- Anti-differentiation, Basic Techniques of Integration, Summation, Definite Integration	Test 2 on Tuesday Jan 22
16. Jan 28-Feb 1	HP 14.7, 15.3 -- Fundamental Theorem of Calculus, Area	(no quiz)
17. Feb 4-8	HP 15.4, SM 7, SM 8, SM 9 (omit tables) -- Integration by Parts, Partial Fractions (no quadratic factors),	Quiz 10 assigned

	Continuous Annuities, Producers' and Consumers' Surplus	
18. Feb 11-15	HP 15.5, 15.6, 15.7, 15.8 -- Average Value, Differential Equations, Improper Integrals	Quiz 11 assigned
Reading Week	No classes from Feb 18-22	No tutorial
19. Feb 25-March 1	HP 2.8, 17.1, 17.2 -- Functions of Several Variables, Partial Derivatives and Applications	Quiz 12 assigned
20. March 4-8	SM 10, SM 11, SM 12, Implicit Partial Differentiation, Higher Order Partial Derivatives, Chain Rule (Multivariable)	Quiz 13 assigned
21. March 11-15	Review	Quiz 14 assigned
22. March 18-22	HP 17.4, 17.5 -- Multivariable Extrema, Lagrange Multipliers	Test 3 on Tuesday March 19
23. March 25-29	Finish Multivariable Examples and Review	(no quiz)
24. April 1-5	Review	(no quiz)

Reference:

This schedule is provided by the course coordinate Lindsey Shorser.