MA 16020 Applied Calculus II – Distance/Online Learning Section
Calendar – Syllabus(Part I), Summer 2019

Exam 1: Lessons R – 8 Exam 2: Lessons 8 – 16 Exam 3: Lessons 17 – 25 Exam 4: Lessons 25 – 33

Date	Lesson	Topics
6/10 M	R&1A	Review of Basic Integration & Integration By Substitution
6/11 Tu	1B	Integration By Substitution
6/12 W	2&3	Integration By Substitution & The Natural Logarithmic Function: Integration
6/13 Th	4	Integration by Parts
6/14 F	5	Integration by Parts
6/17 M	6&7	Diff. Eqns: Solutions, Growth and Decay & Diff. Eqns: Separation of Variables
6/18 Tu	8	Diff. Equations: Separation of Variables
6/19 W	9	First-Order Linear Differential Equations & REVIEW FOR EXAM 1
6/20 Th		**EXAM 1(60 minute exam – Time taken is somewhat flexible)**
6/21 F	10	First-Order Linear Differential Equations
6/24 M	11	Area of a Region Between Two Curves
6/25 Tu	12&13	Volume of Solids of Revolution
6/26W	14	Volume of Solids of Revolution
6/27 Th	15	Improper Integrals
6/28 F	16	Geometric Series and Convergence
7/1 M	17	Geometric Series and Convergence & REVIEW FOR EXAM 2
7/2 Tu		**EXAM 2(60 minute exam – Time taken is somewhat flexible)**
7/3 W	18&19	Functions of Several Variables Intro & Partial Derivatives
7/4 Th		***INDEPENDENCE HOLIDAY OBSERVED (no classes)***
7/5 F	20	Higher Order Partial Derivatives
7/8 M	21	Differentials of Multivariable Functions
7/9 Tu	22	Chain Rule for Functions of Several Variables
7/10 W	23	Extrema of Functions of 2 Variables
7/11 Th	24	Applications of Extrema -Two Var. Functions
7/12 F	25	LaGrange Multipliers - Constrained Min/Max
7/15 M	26	LaGrange Multipliers - Constrained Min/Max & REVIEW FOR EXAM 3
7/16 Tu		**EXAM 3(60 minute exam – Time taken is somewhat flexible)**
7/17 W	27&28	Double Integrals, Volume, Applications
7/18 Th	29	Double Integrals, Volume, Applications
7/19 F	30	Systems of Equations, Matrices, Gaussian Elimination
7/22 M	31&32	Gauss-Jordan Elimination & Matrix Operations
7/23 Tu	33	Inverse Matrices
7/24 W	34	Determinants of Matrices & REVIEW FOR EXAM 4
7/25 Th		**EXAM 4(60 minute exam – Time taken is somewhat flexible)**
7/26 F	35	Eigenvalues and Eigenvectors
7/29 M	36	Eigenvalues and Eigenvectors
7/30 Tu		REVIEW FOR FINAL EXAM
7/31 to 8/2		**FINAL EXAMS (FRIDAY?)**

THE SEMESTER DOES NOT END UNTIL FRIDAY, AUGUST 2 AT 5:30 PM.