MA 16020 Applied Calculus II – Traditional On Campus
Calendar – Syllabus(Part I), Summer 2021
Exam 1: Lessons R – 10 Exam 2: Lessons 11 – 19 Exam 3: Lessons 20 – 29

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

THE SEMESTER DOES NOT END UNTIL FRIDAY, AUGUST 6 AT 5:30 PM.