MA 16020 Applied Calculus II – Traditional On Campus
Calendar – Syllabus(Part I), Summer 2017

EXAM 1: Lessons R – 8   Exam 2: Lessons 8 – 17   Exam 3: Lessons 17 – 25   Exam 4: Lessons 25 – 34

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

THE SEMESTER DOES NOT END UNTIL FRIDAY, AUGUST 4 AT 5:30 PM.