MA 16020 Applied Calculus II
Calendar – Syllabus(Part I), Summer 2016

EXAM 1: Lessons 1 – 8   Exam 2: Lessons 8 – 16   Exam 3: Lessons 16 – 24   Exam 4: Lessons 24 – 32
8/5 FRI   **FINAL EXAM** (On Campus Session 1:00 PM to 2:40 PM)

Date	Lesson	Topics
6/13 M	1	Integration By Substitution
6/14 Tu	2	Integration By Substitution
6/15 W	3	The Natural Logarithmic Function: Integration
6/16 Th	4	Integration by Parts
6/17 F	5	Integration by Parts
6/20 M	6&7	Diff. Eqns: Solutions,Growth and Decay & Diff. Eqns: Separation of Variables
6/21 Tu	8	Diff. Equations: Separation of Variables
6/22 W	9	First-Order Linear Differential Equations & REVIEW FOR EXAM 1
6/23 Th		**EXAM 1(60 minute exam during the regular class time in HAMP 3144)**
6/24 F	10	First-Order Linear Differential Equations
6/27 F	11	Area of a Region Between Two Curves
6/28 Tu	12&13	Volume of Solids of Revolution
6/29W	14	Volume of Solids of Revolution
6/30 Th	15	Improper Integrals
7/1 F	16	Geometric Series and Convergence
7/4 M		***INDEPENDENCE HOLIDAY OBSERVED (no classes)***
7/5 Tu	17	Geometric Series and Convergence & REVIEW FOR EXAM 2
7/6 W		**EXAM 2(60 minute exam during the regular class time in HAMP 3144)**
7/7 Th	18	Functions of Several Variables Intro
7/8 F	19&20	Partial Derivatives
7/11 M	21	Differentials of Multivariable Functions
7/12 Tu	22&23	Chain Rule, Functions Several Variables & Extrema of Functions of 2 Variables
7/13 W	24	Applications of Extrema -Two Var. Functions
7/14 Th	25	LaGrange Multipliers - Constrained Min/Max & REVIEW FOR EXAM 3
7/15 F		**EXAM 3(60 minute exam during the regular class time in HAMP 3144)**
7/18 M	26	LaGrange Multipliers - Constrained Min/Max
7/19 Tu	27&28	Double Integrals, Volume, Applications
7/20 W	29	Double Integrals, Volume, Applications
7/21 Th	30	Systems of Equations, Matrices, Gaussian Elimination
7/22 F	31	Gauss-Jordan Elimination
7/25 M	32	Matrix Operations
7/26 Tu	33	Inverse Matrices, Determinants & REVIEW FOR EXAM 4
7/27 W		**EXAM 4(60 minute exam during the regular class time in HAMP 3144)**
7/28 Th	34	Inverse Matrices, Determinants
7/29 F	35	Eigenvalues and Eigenvectors
8/1 M	36	Eigenvalues and Eigenvectors
8/2 Tu		REVIEW FOR FINAL EXAM
8/5 FRI		****FINAL EXAM** (On Campus Session 1:00 PM to 2:40 PM)**

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