MA 16020 Applied Calculus II – Distance Learning Course Calendar – Syllabus(Part I), Fall 2017

EXAM 1: Lessons R-6, Exam 2: Lessons 7-14, Exam 3: Lessons 14-21
EXAM 4: Lessons 20-26, Exam 5: Lessons 25-32

SAME number of lessons, SAME homework assignments, SAME exams as traditional sections of the course. Just a different course structure, no class meetings other than exams, NO quizzes, must independently use video lectures in LON-CAPA, and use other learning resources.
MUST BE A SELF-MOTIVATED, PROACTIVE, AND A REASONABLY STRONG MATHEMATICS STUDENT.

Date	Lesson	Quiz #	Assignment/Topics
8/21 M	R		Review of Basic Integration
8/23 W	1		Integration By Substitution
8/25 F	2		Integration By Substitution
8/28 M	3		The Natural Logarithmic Function: Integration
8/30 W	4		Integration by Parts
9/1 F	5		Integration by Parts
9/4 M			*LABOR DAY (no classes)*
9/6 W	6		Diff. Equations: Solutions, Growth and Decay
9/8 F	7		Diff. Equations: Separation of Variables
***9/11 M**	*****		***EXAM 1 – Normal Class time - Location: Computer Lab TBA**
9/13 W	8		Diff. Equations: Separation of Variables
9/15 F	9		First-Order Linear Differential Equations
9/18 M	10		First-Order Linear Differential Equations
9/20 W	11		Area of a Region Between two curves
9/22 F	12		Volume of Solids of Revolution
9/25 M	13		Volume of Solids of Revolution
9/27 W	14		Volume of Solids of Revolution
9/29 F	15		Improper Integrals
***10/2 M**	*****		***EXAM 2 – Normal Class time - Location: Computer Lab TBA**
10/4 W	16		Geometric Series and Convergence
10/6 F	17		Geometric Series and Convergence
10/9 M			*OCTOBER BREAK (no classes)*
10/11 W	18		Functions of Several Variables Intro
10/13 F	19		Partial Derivatives
10/16 W	20		Partial Derivatives
10/18 W	21		Differentials of Multivariable Functions
10/20 F	22		Chain Rule, Functions of Several Variables
***10/23M**	*****		***EXAM 3 – Normal Class time - Location: Computer Lab TBA**
10/25 W	23		Extrema of Functions of Two Variables
10/27 F	24		Extrema of Functions of Two Variables

MA 16020 Applied Calculus II – Distance Learning Course Calendar – Syllabus(Part I), Fall 2017

EXAM 1: Lessons R-6, Exam 2: Lessons 7-14, Exam 3: Lessons 14-21
EXAM 4: Lessons 20-26, Exam 5: Lessons 25-32

SAME number of lessons, SAME homework assignments, SAME exams as traditional sections of the course. Just a different course structure, no class meetings other than exams, NO quizzes, must independently use video lectures in LON-CAPA, and use other learning resources.
MUST BE A SELF-MOTIVATED, PROACTIVE, AND A REASONABLY STRONG MATHEMATICS STUDENT.

Date	Lesson	Quiz #	Assignment/Topics
10/30 M	25		LaGrange Multipliers - Constrained Min/Max
11/1 W	26		LaGrange Multipliers - Constrained Min/Max
11/3 F	27		Double Integrals, Volume, Applications
***11/6 M**	*****		***EXAM 4 – Normal Class time - Location: Computer Lab TBA**
11/8 W	28		Double Integrals, Volume, Applications
11/10 F	29		Double Integrals, Volume, Applications
11/13 M	30		Systems of Equations, Matrices, Gaussian Elimination
11/15 W	31		Gauss-Jordan Elimination
11/17 F	32		Matrix Operations
11/20 W	33		Inverses and Determinants of Matrices
11/22 W			*THANKSGIVING VACATION (no classes)*
11/24 F			*THANKSGIVING VACATION (no classes)*
***11/27M**	*****		***EXAM 5 – Normal Class time - Location: Computer Lab TBA**
11/29 W	34		Inverses and Determinants of Matrices
12/1 F	35		Eigenvalues and Eigenvectors
12/4 M	36		Eigenvalues and Eigenvectors
12/6 W			REVIEW FOR FINAL EXAM
12/8 F			REVIEW FOR FINAL EXAM
12/11 to 12/16			**WEEK OF FINAL EXAMS**

****SPECIAL NOTE:** The date and time of the final exam will be announced during the semester.
THE SEMESTER DOES NOT END UNTIL SATURDAY, DECEMBER 16 AT 5:00 PM. INDIVIDUALS WANTING TO LEAVE CAMPUS EARLY **WILL NOT** BE GRANTED EARLY FINAL EXAMS TO ACCOMMODATE TRAVEL PLANS.