MA 16020 Applied Calculus II – Traditional MWF course structure
Calendar – Syllabus(Part I), Fall 2021

Exam Coverage -- Exam 1: Lessons R-8, Exam 2: Lessons 9-21, Exam 3: Lessons 21-31

This Calendar - Syllabus(Part I) will be emended and updated as needed during the semester.

Date	Lesson	Quiz #	Assignment/Topics
8/23 M	R		Review of Basic Integration
8/25 W	1A		Integration By Substitution
8/27 F	1B		Integration By Substitution
8/30 M	2		Integration By Substitution
9/1 W	3		The Natural Logarithmic Function: Integration
9/3 F	4		Integration by Parts
9/6 M			*LABOR DAY* – **NO CLASSES**
9/8 W	5		Integration by Parts
9/10 F	6		Diff. Equations: Solutions, Growth and Decay & Separation of Variables
9/13 M	7		Diff. Equations: Separation of Variables
9/15 W	8		Diff. Equations: Separation of Variables
9/17 F	9		First-Order Linear Differential Equations
***9/20 M**	*****		**EXAM 1 – Time: 8:00PM – 90 minute exam – Exam Room: TBA**
9/20 M			**NO CLASSES**
9/22 W	10		First-Order Linear Differential Equations
9/24 F	11		Area of a Region Between two curves
9/27 M	12		Volume of Solids of Revolution
9/29 W	13		Volume of Solids of Revolution
10/1 F	14		Volume of Solids of Revolution
10/4 M	15		Improper Integrals
10/6 W	16		Geometric Series and Convergence
10/8 F	17		Geometric Series and Convergence
10/11 M			*OCTOBER BREAK* – **NO CLASSES**
10/13 W	18		Functions of Several Variables Intro
10/15 F	19		Partial Derivatives
10/18 M	20		Partial Derivatives
10/20 W	21		Differentials of Multivariable Functions
10/22 F	22		Chain Rule, Functions of Several Variables
***10/25 M**	*****		**EXAM 2 – Time: 8:00PM – 90 minute exam – Exam Room: TBA**
10/25 M			**NO CLASSES**
10/27 W	23		Extrema of Functions of Two Variables
10/29 F	24		Extrema of Functions of Two Variables

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Date	Lesson	Quiz #	Assignment/Topics
11/1 M	25		LaGrange Multipliers - Constrained Min/Max
11/3 W	26		LaGrange Multipliers - Constrained Min/Max
11/5 F	27		Double Integrals, Volume, Applications
11/8 M	28		Double Integrals, Volume, Applications
11/10 W	29		Double Integrals, Volume, Applications
11/12 F	30		Systems of Equations, Matrices, Gaussian Elimination
11/15 M	31		Gauss-Jordan Elimination
11/17 W	32		Matrix Operations
***11/18 Th**	*****		**EXAM 3 – Time: 8:00PM – 90 minute exam – Exam Room: TBA**
11/19 F			**NO CLASSES**
11/22 M			**NO CLASSES**
11/24 W			*THANKSGIVING BREAK VACATION* **– NO CLASSES**
11/26 F			*THANKSGIVING BREAK VACATION* **– NO CLASSES**
11/29 M	33		Inverses and Determinants of Matrices
12/1 M	34		Inverses and Determinants of Matrices
12/3 F	35		Eigenvalues and Eigenvectors
12/6 M	36		Eigenvalues and Eigenvectors
12/8 W			REVIEW FOR FINAL EXAM
12/10 F			REVIEW FOR FINAL EXAM
12/13 to 12/18			**WEEK OF FINAL EXAMS – Final Exam - ??day, December ?? – ??:??**

**** SPECIAL NOTE: THE SEMESTER DOES NOT END UNTIL SATURDAY, DECEMBER 18 AT 9:00 PM**.

** Individuals wanting to leave campus early **WILL NOT** **be granted early Final Exams** to accommodate travel plans.

** The date and time of the final exam will be announced during the semester.