MA 16020 Applied Calculus II – Face to Face On Campus
Calendar – Syllabus(Part I), Spring 2021

Exam Coverage --- Exam 1: Lessons R-5, Exam 2: Lessons 6-13, Exam 3: Lessons 13-23, Exam 4: Lessons 23-32

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

Date	Lesson	Quiz #	Assignment/Topics
1/18 M			*MARTIN LUTHER KING JR. DAY* – **NO CLASSES**
1/20 W	R		Review of Basic Integration
1/22 F	1A		Integration By Substitution
1/25 M	1B		Integration By Substitution
1/27 W	2		Integration By Substitution
1/29 F	3		The Natural Logarithmic Function: Integration
2/1 M	4		Integration by Parts
2/3 W	5		Integration by Parts
2/5 F	6		Diff. Equations: Solutions, Growth and Decay & Separation of Variables
***2/8 M**	*****		**EXAM 1 – Time: 8:00PM – 60 minute exam – Location: TBA**
2/8 M			**NO CLASSES**
2/10 W	7		Diff. Equations: Separation of Variables
2/12 F	8		Diff. Equations: Separation of Variables
2/15 M	9		First-Order Linear Differential Equations
2/17 W			**READING DAY -- NO CLASSES**
2/19 F	10		First-Order Linear Differential Equations
2/22 M	11		Area of a Region Between two curves
2/24 W	12		Volume of Solids of Revolution
2/26 F	13		Volume of Solids of Revolution
3/1 M	14		Volume of Solids of Revolution
***3/3 W**	*****		**EXAM 2 – Time: 8:00PM – 60 minute exam – Location: TBA**
3/3 W			**NO CLASSES**
3/5 F	15		Improper Integrals
3/8 M	16		Geometric Series and Convergence
3/10 W	17		Geometric Series and Convergence
3/12 F	18		Functions of Several Variables Intro
3/15 M	19		Partial Derivatives
3/17 W	20		Partial Derivatives
3/19 F	21		Differentials of Multivariable Functions
3/22 M	22		Chain Rule, Functions of Several Variables
3/24 W	23		Extrema of Functions of Two Variables
3/26 F	24		Extrema of Functions of Two Variables

MA 16020 Applied Calculus II – Face to Face On Campus
Calendar – Syllabus(Part I), Spring 2021

Exam Coverage --- Exam 1: Lessons R-5, Exam 2: Lessons 6-13, Exam 3: Lessons 13-23, Exam 4: Lessons 23-32

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

Date	Lesson	Quiz #	Assignment/Topics
***3/29 M**	*****		**EXAM 3 – Time: 8:00PM – 60 minute exam – Location: TBA**
3/29 M			**NO CLASSES**
3/31 W	25		LaGrange Multipliers - Constrained Min/Max
4/2 F	26		LaGrange Multipliers - Constrained Min/Max
4/5 M	27		Double Integrals, Volume, Applications
4/7 W	28		Double Integrals, Volume, Applications
4/9 F	29		Double Integrals, Volume, Applications
4/12 M	30		Systems of Equations, Matrices, Gaussian Elimination
4/14 M	31		Gauss-Jordan Elimination
4/16 F	32		Matrix Operations
4/19 M	33		Inverses and Determinants of Matrices
***4/21 W**	*****		**EXAM 4 – Time: 8:00PM – 60 minute exam – Location: TBA**
4/21 W			**NO CLASSES**
4/23 F	34		Inverses and Determinants of Matrices
4/26 M	35		Eigenvalues and Eigenvectors
4/28 W	36		Eigenvalues and Eigenvectors
4/30 F			REVIEW FOR FINAL EXAM
5/3 to 5/8			**WEEK OF FINAL EXAMS– Final Exam is Friday May 7 – 7:00PM**

**** SPECIAL NOTE: THE SEMESTER DOES NOT END UNTIL SATURDAY, MAY 8 AT 9:00 PM**. INDIVIDUALS WANTING TO LEAVE CAMPUS EARLY **WILL NOT** BE GRANTED EARLY FINAL EXAMS TO ACCOMMODATE TRAVEL PLANS.