IMPACT – MA 16020 Applied Calculus II – IMPACT Course Calendar – Syllabus(Part I), Spring 2016

EXAM 1: Lessons 1-7, Exam 2: Lessons 6-12, Exam 3: Lessons 11-17
EXAM 4: Lessons 16-22, Exam 5: Lessons 21-27, Exam 6: Lessons 26-32

Date	Lesson	Quiz #	Assignment/Topics
1/12 Tu	1&2		Integration By Substitution
1/14 Th	2&3		Integration By Substitution & The Natural Logarithmic Function: Integration
1/18 M			*MARTIN LUTHER KING JR. DAY (no classes)*
1/19 Tu	3&4		The Natural Logarithmic Function: Integration & Integration by Parts
1/21 Th	4&5		Integration by Parts
1/26 Tu	6&7		Diff. Equations: Solutions,Growth and Decay & Diff. Equations: Separation of Variables
1/28 Th	8		Diff. Equations: Separation of Variables
*2/2 Tu			**EXAM 1 – Normal Class time - Location: Computer Lab TBA**
2/4 Th	9&10		First-Order Linear Differential Equations
2/9 Tu	11&12		Area of a Region Between two curves & Volume of Solids of Revolution
2/11 Th	13		Volume of Solids of Revolution
*2/16 Tu			**EXAM 2 – Normal Class time - Location: Computer Lab TBA**
2/18 Th	14&15		Volume of Solids of Revolution & Improper Integrals
2/23 Tu	16&17		Geometric Series and Convergence
2/25 Th	18		Functions of Several Variables Intro
*3/1 Tu			**EXAM 3 – Normal Class time - Location: Computer Lab TBA**
3/3 Th	19&20		Partial Derivatives
3/8 Tu	21&22		Differentials of Multivariable Functions & Chain Rule, Functions of Several Variables
3/10 Th	23		Extrema of Functions of Two Variables
3/14 M -3/18 F			*SPRING BREAK (no classes)*
*3/22 Tu			**EXAM 4 – Normal Class time - Location: Computer Lab TBA**
3/24 Th	24&25		Extrema of Functions of Two Variables & LaGrange Multipliers - Constrained Min/Max

IMPACT – MA 16020 Applied Calculus II – IMPACT Course Calendar – Syllabus(Part I), Spring 2016

EXAM 1: Lessons 1-7, Exam 2: Lessons 6-12, Exam 3: Lessons 11-17
EXAM 4: Lessons 16-22, Exam 5: Lessons 21-27, Exam 6: Lessons 26-32

Date	Lesson	Quiz #	Assignment/Topics
3/29 Tu	26&27		LaGrange Multipliers - Constrained Min/Max & Double Integrals, Volume, Applications
3/31 Th	28		Double Integrals, Volume, Applications
*4/5 Tu			**EXAM 5 – Normal Class time - Location: Computer Lab TBA**
4/7 Th	29&30		Double Integrals, Volume, Applications & Systems of Equations, Matrices, Gaussian Elimination
4/12 Tu	31&32		Gauss-Jordan Elimination & Matrix Operations
4/14 Th	33		Inverses and Determinants of Matrices
*4/19 Tu			**EXAM 6 – Normal Class time - Location: Computer Lab TBA**
4/21 Th	34&35		Inverses and Determinants of Matrices & Eigenvalues and Eigenvectors
4/26 Tu	36		Eigenvalues and Eigenvectors
4/28 Th			REVIEW FOR FINAL EXAM
5/2 to 5/7			**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, MAY 7 AT 9:00 PM. INDIVIDUALS WANTING TO LEAVE CAMPUS EARLY **WILL NOT** BE GRANTED EARLY FINAL EXAMS TO ACCOMMODATE TRAVEL PLANS.