

# MA 16020 Applied Calculus II

## Course Calendar Fall 2025

Exam 1: Lessons 1-7   Exam 2: Lessons 8-16   Exam 3: Lessons 17-25

Date	Lesson	Topic
8/25	1	Review – Differentiation
8/27	2	Review – Integration
8/29	3	Integration by Substitution I
9/1		NO CLASS – Labor Day
9/3	4	Integration by Substitution II
9/5	5	Integration by Substitution – Applications
9/8	6	Integration – Natural Logarithms
9/10	7	Integration by Parts I
9/12	8	Integration by Parts II
9/15		Review - EXAM 1 6:30-7:30pm
9/17	9	Partial Fractions I
9/19		NO CLASS
9/22	10	Partial Fractions II
9/24	11	Improper Integrals
9/26	12	Area Between Two Curves I
9/29	13	Area Between Two Curves II
10/1	14	Solids of Revolution – Disks
10/3	15	Solids of Revolution – Washers
10/6	16	Solids of Revolution – Washers II
10/8	17	Solids of Revolution – Shells
10/10		NO CLASS
10/13		NO CLASS – Fall Break
10/15	18	Solids of Revolution – Shells II
10/17	19	Differential Equations – Separation of Variables I
10/20		Review – EXAM 2 6:30-7:30pm
10/22	20	Differential Equations – Separation of Variables II
10/24	21	First-Order Linear Differential Equations I
10/27	22	First-Order Linear Differential Equations II
10/29	23	Geometric Series
10/31	24	Power Series

Date	Lesson	Topic
11/3	25	Maclaurin Series
11/5	26	Functions of Several Variables
11/7	27	Partial Derivatives
11/10	28	Higher Order Partial Derivatives
11/12	29	Extrema of Functions of Two Variables I
11/14	30	Extrema of Functions of Two Variables - Applications
11/17		Review - EXAM 3 6:30-7:30pm
11/19	31	Lagrange Multipliers
11/21	32	Lagrange Multipliers - Applications
11/24		NO CLASS
11/26		NO CLASS – Thanksgiving Break
11/28		NO CLASS – Thanksgiving Break
12/1	33	Double Integrals I
12/3	34	Double Integrals II
12/5	35	Double Integrals III
12/8		Final Exam Review
12/10		Final Exam Review
12/12		Final Exam Review

### Important Dates:

Tuesday, September 2: Last day to register without a late fee

Monday, September 8: Last day to cancel a course without it appearing on a transcript

Tuesday, November 12: Last day to withdraw from a course

The date and time of the final exam will be announced during the semester. THE SEMESTER DOES NOT END UNTIL SATURDAY, DECEMBER 20 AT 9:00PM. Do not make travel arrangements until the final exam schedule has been released. Conflicts with travel will not be accommodated.