

MA 16020 Applied Calculus II

Course Calendar Spring 2025

Exam 1: Lessons 1-8 Exam 2: Lessons 9-18 Exam 3: Lessons 19-28

Date	Lesson	Topic
1/13	1	Review – Differentiation
1/15	2	Review – Integration
1/17	3	Integration by Substitution I
1/20		NO CLASS – Martin Luther King Jr. Day
1/22	4	Integration by Substitution II
1/24	5	Integration by Substitution – Applications
1/27	6	Integration – Natural Logarithms
1/29	7	Integration by Parts I
1/31	8	Integration by Parts II
2/3	9	Partial Fractions I
2/5		Review – Exam 1 (6:30pm)
2/7		NO CLASS
2/10	10	Partial Fractions II
2/12	11	Improper Integrals
2/14	12	Area Between Two Curves I
2/17	13	Area Between Two Curves II
2/19	14	Solids of Revolution – Disks
2/21	15	Solids of Revolution – Washers
2/24	16	Solids of Revolution – Washers II
2/26	17	Solids of Revolution – Shells
2/28	18	Solids of Revolution – Shells
3/3	19	Differential Equations – Separation of Variables I
3/5		Review – Exam 2 (6:30pm)
3/7	20	Differential Equations – Separation of Variables II
3/10	21	First-Order Linear Differential Equations I
3/12	22	First-Order Linear Differential Equations II
3/14		NO CLASS
3/17		NO CLASS – Spring Break
3/19		NO CLASS – Spring Break
3/21		NO CLASS – Spring Break

Date	Lesson	Topic
3/24	23	Geometric Series
3/26	24	Power Series
3/28	25	Maclaurin Series
3/31	26	Functions of Several Variables
4/2	27	Partial Derivatives
4/4	28	Higher Order Partial Derivatives
4/7	29	Extrema of Functions of Two Variables I
4/9		Review – Exam 3 (6:30pm)
4/11		NO CLASS
4/14	30	Extrema of Functions of Two Variables - Applications
4/16	31	Lagrange Multipliers
4/18	32	Lagrange Multipliers - Applications
4/21	33	Double Integrals I
4/23	34	Double Integrals II
4/25	35	Double Integrals III
4/28		Final Exam Review
4/30		Final Exam Review
5/2		Final Exam Review

Important Dates:

Monday, January 27: Last day to cancel a course without it appearing on a transcript

Friday, April 18: 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, MAY 10 AT 9:00PM.** Final exams will not be given early.