

# MA 15800 Pre-Calculus Course Calendar Spring 2018

Exam 1: Lessons 1-7    Exam 2: Lessons 8-17    Exam 3: Lessons 18-28

Date	Lesson	Topic
1/8	1	Definition of a Function
1/10	2	Domain and Range
1/12	3	Applications of Functions
1/15		NO CLASS – Martin Luther King Jr. Day
1/17	4	Simplifying Algebraic Expressions
1/19	5	Simplifying Algebraic Expressions
1/22	6	Operations on Functions/Composition of Functions
1/24	7	Applications of Compositions
1/26	8	The Difference Quotient
1/29		REVIEW FOR EXAM 1 – EXAM 1 6:30pm
1/31	9	Piecewise Defined Functions
2/2		NO CLASS
2/5	10	Quadratic Functions
2/7	11	Applications of Quadratic Functions
2/9	12	Polynomials of Degree Greater than Two
2/12	13	Rational Functions – Asymptotes
2/14	14	Rational Functions – Slant Asymptotes and Holes
2/16	15	Graphs of Rational Functions
2/19	16	Inverse Functions
2/21	17	Exponential Functions
2/23	18	Logarithmic Functions
2/26		REVIEW FOR EXAM 2 – EXAM 2 6:30pm
2/28	19	Properties of Logarithms
3/2	20	Logarithmic and Exponential Equations
3/5	21	Applications of Logarithms and Exponential Functions
3/7	22	Angles
3/9		NO CLASS
3/12		NO CLASS – Spring Break
3/14		NO CLASS – Spring Break
3/16		NO CLASS – Spring Break

Date	Lesson	Topic
3/19	23	Trigonometric Functions
3/21	24	The Unit Circle
3/23	25	Trigonometric Graphs
3/26	26	Inverse Trigonometric Functions
3/28	27	Trigonometric Equations
3/30	28	Trigonometric Equations
4/2	29	Trigonometric Equations
4/4		REVIEW FOR EXAM 3 – EXAM 3 6:30pm
4/6		NO CLASS
4/9	30	Trigonometric Equations
4/11	31	Applications of Trigonometry
4/13	32	Systems of Equations
4/16	33	Introduction to Matrices
4/18	34	Definition of a Limit
4/20	35	Finding Limits Graphically
4/23	36	Finding Limits Analytically
4/25		REVIEW FOR FINAL EXAM
4/27		REVIEW FOR FINAL EXAM

**Important Dates:**

Tuesday, January 16 Last day to register without a late fee

Monday, January 22: Last day to cancel a course without it appearing on a transcript

Monday, February 5: Last day to withdraw from a course with a W

Friday, March 5: Last day to withdraw form a course

The date and time of the final exam will be announced during the semester. THE SEMESTER DOES NOT END UNTIL SATURDAY, MAY 5 AT 9:00PM. INDIVIDUALS WANTING TO LEAVE CAMPUS EARLY WILL NOT BE GRANTED EARLY FINAL EXAMS TO ACCOMMODATE TRAVEL PLANS.