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MTH150 Syllabus

Spring 2024

Precalculus: Mathematics for Calculus (7th ed.) Stewart, Redlin & Watson

Week of 1/22:
Introduction
Functions: Notation, definition & use

Week of 1/29:
Add/Drop/Audit deadline is Monday
Representations of functions: Equations, tables & graphs

Week of 2/5:
Linear functions & slope
Transformations of functions: Arithmetic & composition

Week of 2/12:
Inverse functions
Exam I

Week of 2/19:
Presidents' Day *No class on Tuesday*
Quadratic functions

Week of 2/26:
Pass/Fail deadline is Tuesday
Polynomials
Rational functions

Week of 3/4:
More on rational functions
Exam II

Week of 3/11:
Spring Break

Week of 3/18:
Exponential functions
Logarithms

Week of 3/25:
More with exponentials & logarithms
Natural growth and radioactive decay

Week of 4/1:
Unit circle trigonometry
Trigonometric functions

Week of 4/8:
Inverse trigonometric functions
Exam III
Withdrawal deadline is Friday

Week of 4/15:
Patriot's Day: *Class* **does** *meet Tuesday*
Trigonometric identities
Algebra with trigonometric functions

Week of 4/22:
Right triangle trigonometry
Applications of trigonometry

Week of 4/29:
Exam IV
Last class is Tuesday