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MTH150 Syllabus

Spring 2022

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

Week of 1/17:

Introduction
Functions: Notation, definition & use

Week of 1/24:

Tuesday is Add/Drop/Audit deadline
Representations of functions: Equations, tables & graphs

Week of 1/31:

Linear functions
Transformations of functions: Arithmetic, composition & inverse

Week of 2/7:

Quadratic functions
Exam I

Week of 2/14:

Polynomials
Rational functions

Week of 2/21:

Presidents' Day *No class on Tuesday*
Pass/Fail deadline is Wednesday
Rational functions continued

Week of 2/28:

Exponential functions: intro
Exam II *Mid-semester is Friday*

Week of 3/7:

Spring Break

Week of 3/14:

Exponential functions
Logarithms

Week of 3/21:

Solving exponential & logarithmic equations
Natural growth and radioactive decay

Week of 3/28:

Unit circle trigonometry
Trigonometric functions

Week of 4/4:

Inverse trigonometric functions
Exam III
Withdrawal deadline is Friday

Week of 4/11:

Trigonometric identities
Algebra with trigonometric functions

Week of 4/18:

Patriots' Day: *Class does meet Tuesday*
Right triangle trigonometry
Applications of trigonometry

Week of 4/25:

Exam IV
Last class is Tuesday