

Professor Fine  
LARTS-396E  
910-6905  
dfine@umassd.edu

## MTH150 Syllabus

Spring 2025

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

### **Week of 1/20:**

Introduction  
Functions: Notation, definition & use

### **Week of 1/27:**

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

### **Week of 2/3:**

Linear functions & slope  
Transformations of functions: Arithmetic & composition

### **Week of 2/10:**

Inverse functions  
**Exam I**

### **Week of 2/17:**

**Presidents' Day** *No class on Tuesday*  
Quadratic functions

### **Week of 2/24:**

*Pass/Fail deadline is Wednesday*  
Polynomials  
Rational functions

### **Week of 3/3:**

More on rational functions  
**Exam II**

### **Week of 3/10:**

**Spring Break**

**Week of 3/17:**

Exponential functions  
Logarithms

**Week of 3/24:**

More with exponentials & logarithms  
Natural growth and radioactive decay

**Week of 3/31:**

Unit circle trigonometry  
Trigonometric functions

**Week of 4/7:**

Inverse trigonometric functions  
**Exam III**  
*Withdrawal deadline is Friday*

**Week of 4/14:**

**Patriot's Day:** *Class does meet Tuesday*  
Trigonometric identities  
Algebra with trigonometric functions

**Week of 4/21:**

Right triangle trigonometry  
Applications of trigonometry

**Week of 4/28:**

**Exam IV**  
*Last class is Tuesday*