

Course Information

Semester & Year: Fall 2019
Course ID & Section #: Math 120 – E7260
Instructor's name: Ward Nickle
Day/Time or *Online: M, W, F/8:30-9:45
Location or *Online: SC 210
Number of units: 4

Instructor Contact Information

Office location or *Online: SC 210
Office hours: M, W, F/9:45-10:00
Phone number:
Email address: ward-nickle@redwoods.edu

Required Materials

Textbook Title: Intermediate Algebra
Edition:
Author: David Arnold
ISBN: 20720788
Other requirements: materials, equipment or technology skills: TI-84 or similar calculator

Catalog Description

A course in which functions are investigated graphically, numerically, symbolically and verbally in real-world settings. Linear, quadratic, polynomial, rational, radical, exponential, and logarithmic equations and functions are explored. Technology is integrated into all aspects of the course.

Course Student Learning Outcomes (from course outline of record)

1. Evaluate and interpret general functions symbolically, numerically, and graphically.
2. Produce an accurate graph of each function type introduced in the course, identifying and plotting all salient features.
3. Demonstrate appropriate use of technology in analyzing the behavior of functions presented in the course.
4. Use mathematical models to analyze and interpret real-world situations.
5. Use sound mathematical writing and appropriate use of symbolism in presenting solutions of mathematical exercises and applications.

Evaluation & Grading Policy

Grading

Homework	20%
Quizzes	20%
Midterm 1	20%
Midterm 2	20%
Final Exam	20%

Homework

Most homework assignments will be online. Online assignments will be completed through Canvas. Homework is available at the end of each class and is due by the next class meeting. You will be able to ask questions in class and retry your homework repeatedly until the due date. Only your highest score from each assignment will be used in the calculation of your grade.

Quizzes

Attendance is REQUIRED. Quizzes may be administered during any class. These are generally short, about 5 to 10 minutes, and narrow in focus covering only the most recent material.

Exams

There are two midterms and a cumulative final exam. The first and second midterms cover Chapters 1-3, and 4-6, respectively. The dates of the exams can be found on the course calendar.

[Prerequisites/co-requisites/ recommended preparation](#)

Math 380 or Elementary Algebra