

Course Name: Math 107

Duration: 1 Semester Full Year

Grade Level: 9th 10th 11th 12th (check all that apply)

Are there any prerequisites for the course?

Algebra 2

WHAT this course is about:

This is a 5-credit course that satisfies the mathematics proficiency requirement at EWU. The goal of this course is mathematical reasoning. We will discuss mathematical reasoning through a variety of topics which include logic, sets, counting, probability, statistics, and finance. You must complete the course with a C or better for your mathematics proficiency requirement to be satisfied. Some majors require higher than a C, including education programs, which require a grade of B-.

WHY take this course:

Successful completion of the course, earning a grade of C or higher, could earn 5 college credits from Eastern Washington University. The topics covered in this class are designed to help you throughout the course of life.

WHAT you'll learn:

Logic, sets, counting principles, statistics, probability, and finance.

WHAT you'll do:

We will make use of the Standards for Mathematical Practice:

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

WHERE this could take you:

Successful completion of this course could earn you 5 college credits. It may be the last mathematics course you ever take if you plan on pursuing a Liberal Arts degree.

OPTIONAL Course Outline (“scope and sequence”, sequence chart, etc.)

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