This course supports the assessments for Foundations of College Mathematics. The course covers 4 competencies and represents 3 competency units.

**Introduction**

**Course Overview**

Foundations of College Mathematics addresses the sequence of learning activities necessary to build competence in foundational concepts of College Mathematics, which include whole numbers, fractions, decimals, ratios, proportions and percents, geometry (including transformational geometry), counting and probability, statistics, the real number system, equations, inequalities, applications, and graphs of linear equations.

**Competencies**

This course provides guidance to help you demonstrate the following 4 competencies:

- **Competency 116.2.1: Applying Basic Numeracy and Calculation Skills**
  The graduate utilizes the operations, processes, and procedures of basic numeracy and calculation skills to solve quantitative problems in arithmetic and basic algebra.

- **Competency 116.2.2: Basic Algebraic Skills**
  The graduate applies the operations, processes, and procedures of basic algebra to solve quantitative problems.

- **Competency 116.2.3: Basic Geometric Principles**
  The graduate utilizes the operations, processes, and procedures of basic geometry and measurement to solve problems in mathematics.

- **Competency 116.2.4: Basic Data Interpretation and Probability**
  The graduate evaluates quantitative data by interpreting statistical and graphic representations and solves basic probability problems.

**Learning Materials**

The information in this section will help you succeed in this course.

**Learning Resources**

MyFoundationsLab

You will be enrolled in Foundations of College Mathematics MyFoundationsLab on the first business day of your first month at Western Governors University.

To access Foundations of College Mathematics MyFoundationsLab, follow these steps:

1. Navigate to the Pearson MyLabsPlus portal for WGU students.
2. Login with the following credentials:
• Username: your myWGU student portal username
• Password: welcome (all lowercase).

Note: If this password does not work, click on the Forgot Your Password link on the login page and enter your WGU Student Portal username to obtain a password reset.

3. Once logged in, click on the course titled "MyFoundationsLab" under the Course List menu.

If you have questions about your enrollment status or about the login procedure for MyFoundationsLab, please contact the WGU Learning Resources department:

• Email: learningR@wgu.edu
• Phone: Student Services at 1-877-435-7948 ext. 3119
  6:00 am – 10:00 pm M-F, and 7:00am – 7:00pm Saturday, 10:00am – 7:00pm Sunday, Mountain Standard Time.

Note: The learning resources include the electronic text passages and associated media. These are available to you within MyFoundationsLab as part of your program tuition and fees.

Calculator
Acquire a scientific or graphing calculator and familiarize yourself with how to use it. Refer to the WGU Calculator and Scratch Paper/Whiteboard Guidelines document for calculators permitted on WGU exams. If you are in a secondary mathematics program, refer to the WGU Calculator Recommendations for Secondary Math and Science Programs document for calculator suggestions for your degree program.

Also, you may use a ruler, a compass, and a protractor as you work through this course and during your final assessment.

Whiteboards
Whiteboards may be used to assist you as you complete the assessment for this course. Paper, or other note taking resources, may not be used during the assessment. For math assessments only, scratch paper can be used only when taking the assessment at an on-site testing center. Please view the following video for more information on how to use a whiteboard:

Note: To download this video, right-click the following link and choose "Save as...": download video.

Live Sessions
Course Instructors offer webinars to review content with C457 students. These live sessions bring the material to life, offer opportunities for synthesis and analysis, and will assist you in
completing the course in a timely fashion. You can find information about and the times of these events on the mentor-created google calendar.

**Assessment Prep**

**Objective Assessment**

**Preassessment**

Once you have completed the course materials, take the preassessment to determine your readiness for the objective assessment. Use your coaching report to determine the areas where you need more study. Review the course materials and contact a course instructor if you have questions.

After passing the preassessment, schedule and take the objective assessment.

**Policies**

Please review these important policies.

**Accessibility Policy**

Western Governors University recognizes and fulfills its obligations under the Americans with Disabilities Act of 1990 (ADA), the Rehabilitation Act of 1973 and similar state laws. Western Governors University is committed to provide reasonable accommodation(s) to qualified disabled learners in University programs and activities as is required by applicable law(s). The Office of Student Accessibility Services serves as the principal point of contact for students seeking accommodations and can be contacted at ADASupport@wgu.edu.

**Netiquette**

Netiquette Guidelines

Online Netiquette: Guidelines for WGU Students These guidelines are a quick reference source for interacting with fellow students, mentors, and WGU staff. While these guidelines adhere to the standards outlined in the WGU Student Handbook, they are not meant as a replacement for the explicit information presented in the handbook.

**Be professional and respectful:**

- Be civil and kind in your interactions with others.
- Respond to important emails sent to you.
- Be cautious when using ALL CAPS (yelling), sarcasm, and humor
- Be cautious when posting content (pictures, comments)
- Avoid forwarding spam or selling anything.
- Keep comments related to the topic.
- Be aware that mentors, students, and others live in different time zones.

**Be short, concise, and readable:**
- Use sans serif fonts (e.g., Arial, Helvetica) with a point size of 12 or higher.
- Use acronyms cautiously. For example, common acronyms such as FAQ and RSVP are fine; however, unknown acronyms like UCET or USOE should be spelled out.

**Be credible:**

- Cite references and sources such as web links, articles, books, etc., when possible.
- Re-read your emails to clarify and ensure it sends the intended “message.”

**Be safe:**

- Keep personal information private to avoid identity fraud.
- Keep other’s information private (WGU students, companies, etc.)