College Algebra provides a detailed exploration into basic algebraic concepts and functions and their use in describing, interpreting, and modeling real-world situations.

**Introduction**

To get started, click the "Launch Course" button. Below you will find a welcome video and the competencies for this course.

[Welcome video]

**Competencies**
The College Algebra course prepares you to demonstrate competence in the following 5 areas:

- **Competency 1010.1.1: Real Numbers and Linear Equations**
  The graduate classifies and performs operations on real numbers; solves linear equations and inequalities; connects a linear equation to its graph; and identifies a function.

- **Competency 1010.1.2: Systems of Linear Equations**
  The graduate solves systems of linear equations and their related applications.

- **Competency 1010.1.3: Polynomials**
  The graduate simplifies and factors polynomial expressions, and solves polynomial equations.

- **Competency 1010.1.4: Rational, Radical, and Quadratic Expressions, Equations, and Functions**
  The graduate simplifies rational, radical, and quadratic expressions, solves corresponding equations, and extends this knowledge to the study of functions.

- **Competency 1010.1.5: Functions: Combining, Inverses, Exponential, and Logarithmic**
  The graduate combines functions, finds inverse functions, solves exponential and logarithmic equations and functions.

Launch Course

**Learning Resource Tips**

Access the [Algebra for College Students](#) resource to complete the sections listed in the pacing guide table below.

<table>
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<tr>
<th>Week</th>
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<tr>
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<td>1.2a</td>
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<td>1.4a, b, and c</td>
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1.3a, b, c, d, and e
1.5b, 1.6, 1.7a, 2.1a and b, 2.2, 2.3a and b, 2.4

3.1a, b, and c, 3.2, 4.1a and b, 4.2a and b, 4.7a, 4.8

5.1a and b, 5.2, 5.4, 6.1a and b, 6.2, 6.3a and b, 7.1a, 7.2, 7.3, 7.5

8.1, 8.2, 8.3, 8.4, 8.5, 8.7, 8.8

Assessments

Objective Assessment

Prepare for and complete the assessment:

- Complete any outstanding work.
- Review lessons.
- Take the preassessment and use the resulting Coaching Report to determine the
lessons needing further review.
- Meet with your course instructor if the preassessment falls below cut score.
- Schedule the assessment.

Support

Feedback

WGU values your input! If you have comments, concerns, or suggestions for improvement of this course, please submit your feedback using the following form:

- Course Feedback

If you have any feedback specifically about the format of this simplified COS, please send your comments to SimpleCOS@wgu.edu.

Student Success Center

The Student Success Center provides relevant resources and direct support to facilitate student success. Student Success Specialists offer support in areas such as computer skills, goal setting, time management, test taking, and much more. If you need additional academic support, you are invited to visit the Student Success Center website to access available resources, attend scheduled webinars on topics of interest, or request an appointment to receive individualized support.

WGU Library

The WGU Library is available online to WGU students 24 hours a day.

For more information about using the WGU Library, view the following videos on The WGU Channel:

- WGU: Accessing the Library
- WGU Library: Finding Articles, Books, & E-Reserves

Center for Writing Excellence

If you need help with any part of the writing or revision process, contact the Center for Writing Excellence (CWE). Whatever your needs—writing anxiety, grammar, general college writing concerns, or even ESL language-related writing issues—the CWE is available to help you. The CWE offers personalized individual sessions and weekly group webinars. For an appointment, please e-mail writingcenter@wgu.edu.