

MATH 502 Prerequisite Options

Accuplacer Placement Testing

Using a variety of online resources or obtaining prep material at your location campus:

- Students practice and then take a placement test at their local campus
- Students may take the placement test up to three times
- **Accuplacer Study App** - a free web-based study app
- **Accuplacer Prep Workshop** - scheduled on campus each term

Adult Learning Centers

Adult Learning Centers offer remedial help and classes to improve math skills. Contact the center nearest you.

ALEKS Online Program

An online self-paced and structured tutorial that you can purchase for six or eleven weeks depending on your needs.

- Six Weeks - \$40
- Eleven Weeks - \$60
- Visit **ALEKS.com** to obtain a sample

Praxis Test

Successful completion of the math portion of the Praxis test can meet the prerequisite for MATH 502 but must be completed within five years.

Minimum Passing Scores:

ParaPro Assessment - 450

Praxis Core Academic Skills for Educators:
Mathematics - 150

MATH 502 Prerequisites (as stated in the course description)

For admittance into MATH 502, the student shall have successfully met one of the following criteria:

1. Acceptable scores on Accuplacer Arithmetic (80+) and Elementary Algebra (36+) assessments; - or -
2. Approved exemption based on previous high school transcripts taken within the last five years: a grade of C or better in Algebra 1, Algebra 2 and Geometry (also referred to as Integrated Math 1, Math 2, and Math 3) - or -
3. SAT Math score of 500+ or ACT Math score of 18+ within five years of registration; - or -
4. Successful completion of the ALEKS Program Math Tutorial as determined by GSC Math faculty - or -
5. Developmental math course with grade of B or better on transcript of regionally accredited college, within five years of registration.

Accuplacer Testing Guide

What is the Accuplacer Assessment?

Accuplacer assessments provide you and Granite State College with useful information about your academic skills in mathematics to ensure readiness for college level math classes. The assessments can be taken up to three times and includes two areas: arithmetic and elementary algebra.

The results of your assessments will be used by your Academic Advisor to help you determine your course selection. It is important that you do your best on these tests so that you will have an accurate measure of your academic skills.

The Accuplacer assessments are completed online, but must be proctored on campus. They consist of approximately 20 or less multiple choice questions for each test. Assessments are not timed, so you can work at your own pace. Testing is available during open business hours on any campus, but it's best to call ahead so staff can be prepared.

How can I prepare?

Many resources, including sample questions and test-taking strategies, are available online. Practice worksheets are also available at your local campus.

Online Math Accuplacer Preparation Options

College Board Practice App

Download and practice math problems

Cool Math

Offers pre-algebra, good explanations and some practice exercises

Math.com

Choose pre-algebra or one of the "Hot Subjects" such as fractions or decimals

Khan Academy

Create a free account or choose a subject from the drop-down menu at the top left. Offers great videos, explanations and examples.

PurpleMath

Offers algebra topics, including fractions and has explanations and practice exercises

S.O.S. Mathematics

Accuplacer Sample Questions

ALEKS® for MATH 502 Preparation

ALEKS - Assessment and Learning in Knowledge Spaces

A web-based system that assesses your math knowledge and provides an online instructional program developed exclusively for you that allows you to work individually to strengthen your skills.

Purchase and Registration Process

- Visit **ALEKS.com** and choose “Sign Up Now”
- Enter Course Code: **49TFA-XPQPX** (Case sensitive)
- Confirm course enrollment and select: I have never used ALEKS before...
- Choose your access length and proceed through the purchase process:
 - Six Weeks (Short access) \$40
 - Eleven Weeks (1 Quarter) \$60
 - Eighteen Weeks (1 Semester) \$81
- Return to ALEKS.com to log-in each time.
- You must allow the plug-in to download and then re-start your browser before logging into to ALEKS
- You'll begin your coursework with the Student Tutorial and Initial Assessment

Login Name:

Password:

Access Code:

Questions?

Bette Papa, Academic Advisor

603-822-5406

Bette.Papa@granite.edu

ALEKS Customer Support

(714) 617-7090 | View Business Hours

<http://support.aleks.com>

Using the ALEKS System

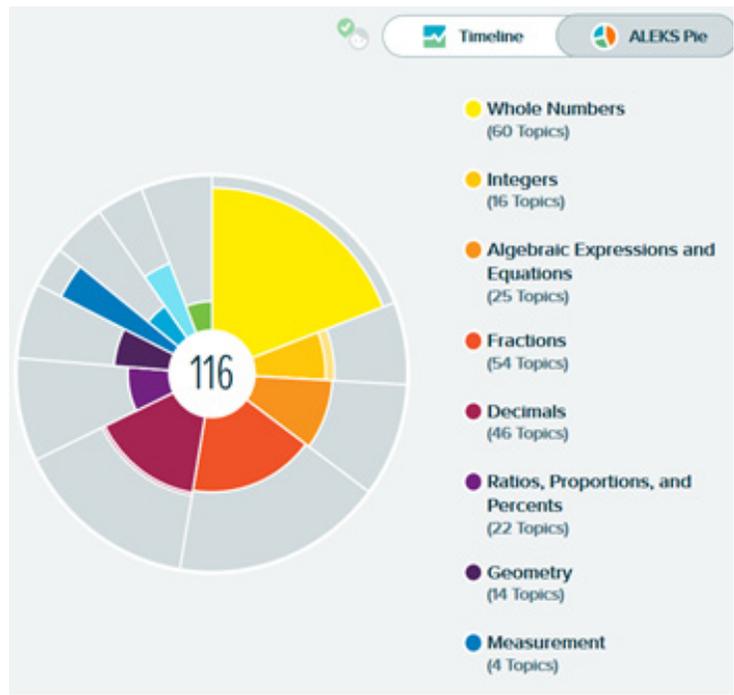
Tutorial: The ALEKS system does not use multiple-choice questions. All answers are complete mathematical expressions and constructions. The ALEKS Tutorial will teach you to use the simple tools needed for your course.

Initial Assessment: ALEKS uses artificial intelligence to determine precisely what each student knows, doesn't know, and is most ready to learn. Your first task is the Initial Knowledge Check, a 25-30 question assessment. Once completed, the results are revealed in a multi-colored pie chart. Each slice of the pie chart corresponds to areas of topics in the course.

Meeting the pre-requisite: You must complete at least 245 topics out of 270, about 90% of the Pie, to meet the pre-requisite for MATH 502, Math for Our World.

Sample ALEKS Pie Chart

Each colored slice indicates topics mastered



ALEKS Navigation

Navigate to the menu using this symbol

- **Learn:** begin a new lesson
- **Continue My Path:** continue to the most recent lesson
- **Review:** go back to practice again
- **Worksheet:** paper and pencil practice
- **Message Center:** Send the instructor a message
- **Due Date:** your subscription expiration date. Additional time can be purchased as necessary.

The screenshot shows the ALEKS navigation interface. At the top, there is a hamburger menu icon (three horizontal lines) next to the ALEKS logo and the text "College Math Prep - M". Below this is a "Home" button. The main content area is divided into two sections: "UP NEXT:" and "WORKING TOWARD". The "UP NEXT:" section features a large blue button labeled "CONTINUE MY PATH" and the text "Expanded form". The "WORKING TOWARD" section displays "Class Progress 116 of 268 Topics Due: Feb 15, 2019". On the right side, there is a vertical menu with the following items: Home, Learn, Review, Assignments, Worksheet, Calendar, Gradebook, Reports, Message Center, and Dictionary.