

# Options for Algebra Requirement

(Requirements for Electrical Applicants)

Electrical apprenticeship applicants must fulfill the algebra prerequisite through either completed coursework OR a placement exam, as outlined below. **Note: This is a separate and additional requirement to the ACT Math or Accuplacer Arithmetic section testing requirement outlined in the ABC Apprenticeship Application.**

## Coursework Options

### High School Courses

One consecutive year (1 credit) of standard pre-college (high school) with a minimum grade of “C” or higher both semesters (or each trimester) of one of the following courses:

- Algebra 1
- Introductory Algebra
- Geometry
- Algebra II
- Trigonometry
- Calculus

*\*Some high schools use other titles for equivalent classes. To confirm that a specific class meets the algebra requirement, please contact the ABC of WI apprenticeship office.*

Per the State of Wisconsin, homeschooled students must show verification of algebra coursework in home-based classes AND take the ACCUPLACER Next-Generation Quantitative Reasoning, Algebra, and Statistics (QAS) placement test with a minimum score of 216.

### Local Technical College Courses

One semester with a minimum grade of “C” or higher of college-level algebra or geometry course.

Common course titles include, but are not limited to *Elementary Algebra*, *College Algebra* (NOT *College Mathematics* or other survey courses), *Intermediate Algebra*, and *Geometry*. To confirm that a specific class meets the algebra requirement, please contact the ABC of WI apprenticeship office.

### Westcott Courses/Omega Math Elementary Algebra (Online Self-Paced)

Link to register: <https://westcottcourses.com/school-record/?ID=518>

The non-credit Omega Math Elementary Algebra is an approved self-paced online class that is equivalent to a college-level elementary algebra course. A grade of “C” or higher is required to meet the algebra course requirement. When completed, please submit the certificate of completion to the ABC of WI apprenticeship office. The class cost is \$130.

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## Placement Test Option

### ACCUPLACER Next-Generation – Quantitative Reasoning, Algebra, and Statistics (QAS)

The ACCUPLACER QAS assessment **score of 250 or higher** is approved as equivalent to the minimum algebra course requirement. See <https://buildyourcareerwi.org/testing-information/> for test information and links to free practice test and preparation resources.