



# COURSE DESCRIPTION

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## ACT\* MATH/SCIENCE PREP - GROUP CLASS

Mercer Education's **ACT MATH/SCIENCE PREP** provides a comprehensive learning experience that prepares students for both the math and science sections of the ACT. Students explore the types of logic and problem-solving questions as well as the range of scientific passages and data analysis seen on the ACT by dissecting the math behind the problems and developing a "toolkit" of skills with which to tackle them, and by reviewing the main points of the scientific method and developing effective strategies to use in answering the concurrent questions. Through regular assignments and supplemental material and exercises, students acquire a strong foundation in fundamental concepts and have the option to pursue advanced topics at either a challenging or more moderate pace. Students take multiple tests, become familiar with and practice effective test-taking strategies, develop time-management skills, systematically identify areas of weakness, and receive in-depth feedback and score analysis from experienced instructors while following a prescribed timeline of instruction that covers the essentials of ACT preparation in about four to six months.

The ACT Math/Science group class runs as three separate complete courses: a **fall semester** course from September through January (approximately 19 weeks), a **spring semester** course from February through June (approximately 19 weeks), and a **7-week summer** course, which addresses the topics at a faster pace. Each course has its own unique content with *no repetition of material*, so students can attend for as long as they would like over an entire year to continue honing their skills. While most students enroll for longer periods in order to move beyond familiarity with core content and achieve their target ACT scores, Mercer Education's 2-month enrollment/billing cycle with pro-rated rolling admission provides maximum flexibility so that students can determine when they are ready to take the actual test. Students may enroll at any time and receive a free assessment, after which they are assigned to appropriate groups according to level and availability. We recommend students have completed at least half a year of Algebra II prior to enrollment.

### COURSE HIGHLIGHTS

- ▶ Comprehensive Test-Taking Strategies
- ▶ Review of All ACT Math Question Types
- ▶ Analysis of Math behind the Problems
- ▶ Review of Data Representation, Research Summaries, and Conflicting Viewpoints Question Types
- ▶ Discussion of the Scientific Method
- ▶ Weekly Assignments and Exercises
- ▶ Ongoing Assessment and Testing
- ▶ Time-Management Practice
- ▶ "Rolling" Admission / Start at any time
- ▶ Attend as long as needed to hone skills

*Unlike other test prep schools, Mercer Education emphasizes preparation using a variety of customized, engaging materials that develop math and logic skills that extend beyond test-taking and increase students' success in their ongoing academic endeavors. The teaching curriculum and materials are specifically prepared for and reserved for use in ME's ACT Math/Science Prep Group Classes.*

- Meets *once a week* in person **or via Zoom** (contact school for details) for 1 hour and 50 minutes.
- Class size limited to no more than 8 students per group (12 for online classes).
- Students receive free assessment upon enrollment and then are grouped by level and availability.
- Cost based on 2-month blocks of pre-scheduled classes (7-9 classes per 2-month session, i.e., \$420-540 at \$60/class) ongoing throughout the year (Jan-Feb, Mar-Apr, etc.). Start any time/mid-session sign-up prorated.
- Parents receive progress reports (Dec. and May) with scores, comments, and recommendations.
- Meets year round; classes generally scheduled weekends 9am-5pm.
- Half a year or more of Algebra II prior to enrollment in this course is recommended.

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