

QUANTITATIVE REASONING COURSES

A quantitative reasoning (QR) course is a high school course that "advances a student's ability to apply mathematics in real world situations and contexts" and "deepens a student's understanding of high school mathematics standards" but is not a mathematics course.

- For the Core 40, Academics Honors (AHD), and Technical Honors (THD) diplomas, students must take a mathematic or quantitative reasoning course each year they are enrolled in high school.
- A student on a General Diploma must earn 2 credits in a mathematics or quantitative reasoning course during their junior or senior year in high school.

Listed below are the current quantitative reasoning courses offered at Angola High School:

AP Biology	AP Chemistry
AP Environmental Science	AP Physics 1 (algebra based)
AP Physics 2 (algebra based)	AP Physics C
Advanced Life Science, Animals	Agribusiness Management
Landscape Management	Intro to Accounting
Business Mathematics	Personal Financial Responsibility
Computer Systems	Global Economics
Integrated Chemistry/Physics	Chemistry
Precision Machining I (Vocational)	Economics
Precision Machining II (Vocational)	

Angola High School provides its students with the most comprehensive list of Advanced Placement and dual credit course offerings in Steuben County. AHS has articulation agreements with Trine University and with Ivy Tech Community College, granting dual credits in ten different courses. In addition, AHS students may earn additional dual credits by taking courses on campus at Trine University. Students also may choose from a variety of Advanced Placement courses.

COURSES TAUGHT AT AHS THAT MEET THE CORE 40 WITH ACADEMIC HONORS DIPLOMA ADVANCED PLACEMENT / DUAL CREDIT REQUIREMENTS:

Advanced Placement (AP) Courses

AP Calculus	AP English Literature and Composition
AP English Language and Composition	AP Biology
AP Chemistry	AP Environmental Science
AP Physics 1 & 2 (algebra based)	AP Physics C

Students who take Advanced Placement courses to meet this requirement **MUST** also take the AP exams for those courses. These tests are offered in May.

Dual Credit (DC) Courses

<i>Course</i>	<i>College</i>	<i>Requirements</i>	<i>Cost</i>
Pre-Calculus (4 cr hrs) Calculus (4 cr hrs) U S Government (3 cr hrs)	Trine Univ	GPA of 6.4 or higher	\$20/cr hr
Finite Math (3 cr hrs)	Ivy Tech	PSAT Math Subscore = 27 SAT Math = 550, or ACT Math = 24	Free
French I French II French III French IV Spanish I Spanish II Spanish III Spanish IV Introduction to Psychology Survey of American History II	Ivy Tech	GPA (6 sems) of 7.8, or PSAT Read = 25; Written = 26 SAT Read = 25 Writ = 27 or ACT Read = 18 & ACT Writ = 17	Free