

Academics at Amherst



Amherst Central High School has a culture of excellence which supports and encourages teaching, learning, and personal growth. Our graduates are well-rounded and prepared for post-secondary life. Graduation requirements include core courses, foreign language, fine arts, practical arts, business, technology, computer literacy, and personal health and wellness. Courses stress not only the acquisition of specific knowledge and skills, but also the application of knowledge across the curriculum, the development of creative and critical thinking skills, and self-evaluation.

Every effort is made to ensure that each student participates in an academic program that is appropriate to his/her ability, interests, and future plans.

Curricular offerings and course content are carefully aligned to post-secondary requirements and "real-world" de-

Advanced Placement

15 Advanced Placement courses available starting in the sophomore year

Science: AP Biology, AP Chemistry, AP Physics

Art: AP Studio in Art: 2-D Design

English: AP Literature and Composition, AP Language and Composition

Math: AP Calculus, AP Statistics

Social Studies: AP European History, AP U.S. History, AP Microeconomics, AP U.S. Government and Politics, AP Psychology

Music: AP Music Theory

Business: AP Computer Science Principles

Honors & College Level

English: English 9 and English 10, Presentational Speaking

Math: Algebra 2, Geometry, College Pre-Calculus, College Calculus

Social Studies: Global History I and II

Science: Biology, Chemistry, and Environmental Science, Anatomy & Physiology

Foreign Language: French, Spanish, or Latin

Business: College Business Law, College Accounting, College Computer Applications, and College Web

STEM Options

Amherst is a nationally recognized Google school with tremendous technology integration in the classroom. Amherst offers a variety of high tech/state of the art industry courses in the sciences beyond the NYSED curriculum including:

- Sports and Exercise Science, Oceanography, Anatomy and Physiology, Environmental Science, Architectural Drawing, Mechanical Drawing, College Web Design, and Game Design & Programming.

Music

Music: Concert Choir, Concert Chorale, Concert Band, Wind Ensemble, Concert Orchestra, Symphony Orchestra, Music Theory I, Music Theory II, and Technical Theatre

Art

Art: Studio in Art, 21st Century Design & Innovation, Drawing & Painting, Advanced Drawing & Painting, Photography I, Photography II, Photography III-Advanced Creative Photographic Study, Ceramics I, Ceramics II, Sculpture, and Creative Crafts

Amherst Academies

Amherst Offers four CTE NYSED-approved programs that result in a CTE Technical Endorsement Seal on the student's high school diploma. Students can also earn transferrable college credits in each of these programs through SUNY Advanced Studies Program and NOCTI industry standard testing.

- Accounting
- Computer and Information Sciences
- Hospitality and Tourism
- Marketing

Biliteracy (NYSSB)

The New York State Seal of Biliteracy (NYSSB) recognizes high school graduates who have attained a high level of proficiency in listening, speaking, reading, and writing in one or more languages, in addition to English. The intent of the NYSSB is to encourage the study of languages; identify high school graduates with language and biliteracy skills for employers; provide universities with additional information about applicants seeking admission; prepare students with twenty-first century skills; recognize the value of foreign and native language instruction in schools; and affirm the value of diversity in a multilingual society.