

ADVANCED PLACEMENT AND HONORS COURSES

Elkhart Central High School offers an extensive Honors and Advanced Placement Curriculum. These programs are designed for highly motivated students who would like the challenge of earning college credit while still in high school.

The Advanced Placement Program is a cooperative educational endeavor of secondary schools, colleges, and The College Board. AP courses are offered in more than 10,000 high schools in every state in the United States. They are recognized in nearly 3000 U.S. and foreign colleges and universities which grant credit, appropriate placement, or both to students who have performed satisfactorily on AP exams. Approximately 1200 institutions will grant sophomore college standing to students who have demonstrated their competence in three or more of these examinations.

Advanced Placement has specific course descriptions and examinations for each AP course. The examination in most of these subjects covers the equivalent of a full year college course. The State of Indiana pays for most of the cost of AP exams in science, mathematics, and English language. Students who take AP exams are enrolled in an accelerated program in order to receive appropriate preparations for later honors and AP classes.

Advanced Placement Evaluation: Examinations are offered in May. Most exams last 3-3.5 hours; some are shorter. They are administered here at Central. They contain a section that is a free response, either essay or problem solving, and another section consisting of multiple choice questions. In June, the exams are graded; the grades are reported to students in July. AP Scholars Awards are granted for college-level performance (grades of 3 or better on a 1-5 scale.)

Honors Classes are designed to present the standard curriculum in an accelerated format and they also provide the opportunity for students to develop their higher-level thinking skills. Honors classes are offered in the following subject areas: art, English, mathematics, music, science and social studies.

A Word About Scholarships

The Elkhart Central graduating classes have consistently earned more than **one million dollars** in scholarships each year. Including monies from the universities and colleges. Furthermore, many students received scholarships from our own Dollars For Scholars (DFS) chapter. The ECHS DFS chapter raises money for scholarships to be given to our graduating seniors.

ADVANCED PLACEMENT ART

Two-Dimensional Art and Three-Dimensional Art

These courses are designed for self-motivated junior and senior students who have demonstrated a serious interest in the study of art. The emphasis is on individual directions in one or more media areas. Assignments stimulate scholarly inquiry into the historical, social, political, and spiritual implications of mankind's involvements in art. Students will integrate higher order thinking and a diversity of responses into their work.

ADVANCED PLACEMENT ENGLISH

English Language and Comp & English Literature, and Comp

These courses gives academically gifted students a chance to investigate and to react to literature that affects or expresses human experience. In addition to a major creative project, students will thoroughly study and present ideas discovered concerning the following: myth, mysticism, futurism, historical, religious and philosophical perceptions of reality, major speeches and writings.

A W131 college credit course is offered in conjunction with Indiana University at South Bend.



ADVANCED PLACEMENT MATHEMATICS

Calculus AB, Calculus BC, Probability and Statistics

Several classes are available for students who excel in mathematics. These include Calculus for College Credit, Calculus, and Honors courses. The courses cover topics such as central tendency, variation, sampling and regression, applications of the derivative, the integral, the theory of calculus, and the extensive use of graphing calculators.

ADVANCED PLACEMENT PSYCHOLOGY

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They study ethics and methods that psychologists apply in their science and practices.

ADVANCED PLACEMENT ECONOMICS

Economics includes a study of the allocation of scarce resources and their alternative uses for satisfying human wants. This course examines basic models of decision making at various levels and in different areas including decisions made as a consumer, producer, saver, investor, and voter, business decisions to maximize profits, and public policy decisions in specific markets dealing with output and prices in the national economy.

ADVANCED PLACEMENT GOVERNMENT

The AP Government course is designed to give students a critical perspective on politics and government. The course involves both the study of general concepts used to interpret United States Politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that make up the American political reality.

ADVANCED PLACEMENT SOCIAL STUDIES

United States History and Geography

This course offers a survey of American History and Geography at the college level. Extensive reading, writing, and study skills useful in college are emphasized in an effort to prepare the student for the College Board AP exam in United States History. If passed, the exam may result in six hours of college credit. The course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States History and Geography. Students learn to assess primary and secondary historical sources and determine their reliability and relevance to a given interpretive problem.

ADVANCED PLACEMENT WORLD HISTORY

This is a two-term college level course designed to prepare students for the AP exam in World History. The student will be exposed to the factual knowledge and analytical skills necessary to perform successfully on the AP exam. A defined score (usually either a 4 or a 5) on this exam is accepted by many universities as a demonstrated achievement of college credit in the World History/World Civilization survey course at that university.

ADVANCED PLACEMENT SCIENCES

Biology, Chemistry, and Physics

All of the Advanced Placement science courses provide students with content established by the College Board. For Biology, topics include molecules and cells, heredity and evolution, and organisms and populations. For Chemistry, topics include structure of matter, states of matter, and reactions. For Physics, topics include Newtonian Mechanics, fluid mechanics and thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics.

Our Motto

Knowledge is Power.

The Vision

Elkhart Central High School is a place where all feel safe, welcome and aspire to learn, find their niche and pursue their dreams.

ADVANCED PLACEMENT MUSIC

Music Theory

Students taking this course further develop skills in the analysis of music and theoretical concepts. Students: (1) develop advanced ear training and dictation skills, (2) compose works and harmonizations which illustrate mastered concepts (including four-voice harmony, realization of figured bass and Roman numeral progressions), (3) understand harmonic structures and analysis of forms (binary, ternary, etc.), (4) understand modes and scales, (5) study a wide variety of musical styles, both through score analysis and aural identification, (6) study traditional and non-traditional music notation and sound sources as tools for musical composition, (7) receive detailed instruction in the building of aural skills, (8) develop sight-singing skills.

Blazer facts...

- The first graduating class - 1872
- Nick name Blue Blazers
- Colors: Navy blue and White
- Population: 1,800, grades 9 - 12
- 113 Certified teachers, 6 Administrators, 5 Guidance Counselors
- 74% of staff have their Masters Degrees and many have studied abroad in Asia, Latin America or Europe. Over 20% have taught on the collegiate level or worked on research at the University of Notre Dame... 3% are Doctoral Candidates
- 112 classrooms, 13 computer labs, 14 science labs, 3 lecture halls, 6 hybrid classrooms w/computer labs and an online Media Center
- Project Lead The Way
- Smartboard technology in all Math classrooms
- READ 180 and PLATO labs
- Two 90-day semesters per year
- Seven 50-minute class periods per day
- Over **150** students recognized by the **National Merit Scholarship Corporation** since 1985, seven in 2010
- 18 **Advance Placement** (AP) Courses in Mathematics, Biology, Chemistry, Physics, Art, Social Studies, & English



Elkhart Central High School



Principal Mr. Frank Serge
Assistant Principals Mrs. Kelly Berhide
Mr. Phil Stillson
Mr. Dan Swygart
Academic Dean Mr. Jason Grasty
Athletic Director Mr. Brian "Buck" Buckley



**How can you join our Blazer Family?
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Central

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