

Course Offerings

2024-2025



BATTLE CREEK
GRIZZLIES

Battle Creek High School

School Hours: 7:30 a.m. – 3:00 p.m.

Principal Mr. Mike Kinnard

Battle Creek High School
Graduation Requirements
22 Credits Required for Graduation

<u>English</u>	<u>4 Credits</u>	<u>Science</u>	<u>3 Credits</u>
English I	1	Biology I	1
English II	1	Chemistry I or Physics	1
English III	1	Another Lab Science	1
English IV	1		
<u>Math</u>		<u>Social Studies</u>	
<u>4 Credits</u>		<u>3 Credits</u>	
(Students must take math each year.)			
Algebra I	1	World History & Geography	1
Geometry	1	US History & Geography	1
Algebra II	1	Economics	.5
Upper-Level Math*	1	Government	.5
<u>Personal Finance</u>		<u>World Language</u>	
<u>.5 Credits</u>		<u>2 Credits</u>	
(In the same language)			
<u>Wellness and Physical Ed</u>		<u>Fine Arts</u>	
<u>1.5 Credits</u>		<u>1 Credit</u>	
(Such as Band, Music, Theater Arts, Visual Art, or Vocal Music)			
Lifetime Wellness	1	<u>Elective Focus (See note.)</u>	
Physical Education	.5	<u>3 Credits</u>	

* Beginning with students enrolling in 9th grade in 2024-2025, students must earn a high school computer science credit. Students may substitute computer science for 4th math, 3rd science, or an elective focus credit.

Additional Requirements: ACT and Civics Exam

Course Substitutes

- The Physical Education requirement may be met by marching band or athletic team participation.
- The World History & Geography requirement may be met by AP Human Geography.
- The Economics requirement (1/2 credit) may be met by Marketing I (1 credit.)
- The Fine Arts requirement may be met by Digital Arts & Design I.
- Lifetime Wellness may be met by JROTC (1 year).
- English Language Development may substitute for up to two credits in English.

According to State Board Policy, schools may waive the foreign language and/or fine arts requirements in **exceptional** circumstances. If waived, these credits will be added to the Elective Focus requirement.

Note: The State Board of Education requires all students to complete an **elective focus** program of study with no less than three credits to prepare for postsecondary study and lifelong learning. **Elective focus selection must be finalized by the end of the sophomore year.**

2024-2025 Battle Creek High School Course Offerings

Advanced Placement – AP Access for All – Online Courses		Health Science:	
G05HD2	AP Art History	C14H14	Health Science Education
G10H07	AP Computer Science Principles	C14H09	Health Science Anatomy & Physiology
G04HB6	AP Human Geography	Marketing Management	
G04HC1	AP Macroeconomics	C12H26	Introduction to Business & Marketing
G04HC2	AP Microeconomics	C31H00	Marketing & Management I: Principles
G04HC3	AP Psychology	Mathematics	
G04HC4	AP US Government & Politics	G02H00	Algebra 1
Business Management		G02H00H	Algebra I Honors
C12H26	Introduction to Business & Marketing	G02H03	Algebra IA (IEP only)
C12H16	Business Communications	G02H11	Geometry
Criminal Justice & Correction Services		G02H11H	Geometry Honors
C30H00	Criminal Justice I	G02H05H	Algebra II Honors
C30H01	Criminal Justice II	Mechatronics	
Digital Arts & Design		C13H05	Principles of Manufacturing
C11H06	Digital Arts & Design I	C13H15	Robotics & Automated Systems
C11H05	Digital Arts & Design II	Science	
English		G03H03	Biology I
G01H09	English I	G03H03H	Biology I Honors
G01H09H	English I Honors	G03H00	Physical Science
G01H09P	English I Pre-AP	G03H00H	Physical Science Honors
G01H10	English II	G03H12H	Chemistry I Honors
G01H10H	English II Honors	G03H32	Ecology
G01H10P	English II Pre-AP	G03H25	AP Environmental Science (EPSO)
G01H15	Journalism: Yearbook	Social Studies	
G22H00	English Language Dev 9 (teacher placement only)	G04H10	World History
G22H01	English Language. Dev 10 (teacher placement only)	G04H10H	World History Honors
G22H05	Newcomer ESL (teacher placement only)	G04H22	AP European History (EPSO)
Fine Arts		G04H36	Personal Finance - ½ credit
G05H81I	Introductory Band	G04H17	Contemporary Issues – ½ or 1 credit
G05H81	General Band I	Wellness	
G05H82	General Band II	G08H02	Lifetime Wellness
G05HA1	Chorus I	G08H00	Physical Education I – ½ or 1 credit
G05HA2	Chorus II	G08H01	Physical Education II (sports related) – ½ or 1 credit
G05H11	General Music	World Language	
G05H44	Music Theory	G24H04	Spanish I
G05H08	Visual Arts I	G24H05	Spanish II
G05H09	Visual Arts II	G24H22	French II

AP Access for All (Online Courses)

AP Access for All offers free virtual Advanced Placement courses. Instruction is delivered by video and the course is facilitated by a remote teacher who is available during office hours. Students are **required** to sit for the AP exam at no charge.

Who should apply? Students who demonstrate the academic ability to participate in college level classes and who are on-track to graduate. In addition, students should have the ability to work independently with strong time management skills and self-discipline. **Applications and additional information are available in the Counseling Center.**

AP Access for All: AP Art History – 1 Credit

Sophomores & above; Prerequisite: None*

The AP Art History course welcomes students into the global art world to engage with its forms and content as they research, discuss, read, and write about art, artists, art making, and responses to and interpretations of art. By investigating specific course content of 250 works of art characterized by diverse artistic traditions from prehistory to the present, the students develop in-depth, holistic understanding of the history of art from a global perspective. Students learn and apply skills of visual, contextual, and comparative analysis to engage with a variety of art forms, developing understanding of individual works and interconnections across history.

AP Art History is the equivalent of a two-semester introductory college or university art history survey course. **This course satisfies the Fine Art graduation requirement.**

AP Access for All: AP Computer Science Principles – 1 Credit

Prerequisite: Algebra I

AP Computer Science Principles introduces students to the breadth of the field of computer science. Students will learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They will incorporate abstraction into programs and use data to discover new knowledge. The teacher selects programming language.

This course satisfies the requirement of being enrolled in a 4th mathematics course and/or for 4th year math credit for students who have already earned credit in Algebra I, Geometry, and Algebra II.

AP Access for All: AP Human Geography – 1 Credit

Sophomores & above; Prerequisite: None*

This course introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human socioeconomic organization and its environmental consequences.

AP Human Geography is equivalent to a one-semester, introductory college course in human geography. **This course satisfies the World History & Geography graduation requirement.**

AP Access for All: AP Macroeconomics – 1 Credit

Sophomores & above; Prerequisite: Algebra I

AP Macroeconomics is a college-level course that introduces students to the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination. It also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Macroeconomics is equivalent to a one-semester introductory college course in economics. **This course satisfies the Economics graduation requirement.**

AP Access for All: Microeconomics – 1 Credit

Sophomores & above; Prerequisite: Algebra I

AP Microeconomics is a college-level course that introduces students to the principles of economics that apply to the functions of individual economic decision-makers. The course also develops students' familiarity with the operation of product and factor markets, distributions of income, market failure, and the role of government in promoting greater efficiency and equity in the economy. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

AP Microeconomics is equivalent to a one-semester introductory college course in economics. **This course satisfies the Economics graduation requirement.**

AP Access for All: AP Psychology – 1 Credit

Sophomores & above; Prerequisite: None*

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatments of psychological disorders, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, evaluate claims and evidence, and effectively communicate ideas.

The AP Psychology course is designed to be the equivalent of the Introduction to Psychology course usually taken during the first year of college. **This course is an elective which may be used to meet an Advanced Placement or a Humanities focus.**

AP Access for All: AP US Government & Politics – 1 Credit

Sophomores & above; Prerequisite: None*

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that

characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behavior. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project.

The AP US Government and Politics course is designed to be equivalent to a one semester introductory college course. **This course satisfies the Government graduation requirement.**

- * **If there are no prerequisites for a course, students must be able to read a college-level textbook and write grammatically correct, complete sentences.**
- * **There are additional courses available through AP Access, however most sophomores will not have met the prerequisite requirements. For a full list of courses visit: <https://tnapaccessforall.org/students/>**

Business Management

Introduction to Business & Marketing – 1 Credit

Industry Certification: OSHA 10

Freshmen and Sophomores

This course introduces all aspects of business: domestic and international economies, financial principles, management strategies, administrative and information systems, ethics, and organizational and professional leadership.

Business Communications – 1 Credit

Sophomores and above

Prerequisite: Introduction to Business & Marketing

This course is designed to develop students' effective oral and electronic business communications skills. This course develops skills in multiple methods of communications, including social media, as well as electronic publishing, design, layout, composition, and video conferencing.

Criminal Justice & Correction Services

Criminal Justice I – 1 Credit

Industry Certification: OSHA 10

This course surveys the interaction of the law enforcement, legal, and correctional systems as students research current issues and develop investigative skills.

Criminal Justice II - 1 Credit

Sophomores and above

Prerequisite: Criminal Justice I

This course covers procedures and laws governing a crime from initial crisis scenario management to arrest to trial.

Digital Arts & Design

Digital Arts & Design I – 1 Credit

Industry Certification: OSHA 10

(meets the Fine Arts graduation requirement)

This course covers principles and elements of design and the design process. Students utilize industry tools to create communications solutions to reach targeted audiences while acquiring skills in illustration, typography, and photography.

Digital Arts & Design II – 1 Credit

Sophomores

Prerequisite: Digital Arts & Design I

Students learn the software programs of professional designers: Photoshop, Illustrator, and InDesign. They create images, layouts, logos, and other graphics using Macintosh computers. Animation is also introduced.

English

All English classes have a strong focus on TN-Ready State Standards in reading and writing.

Honors and AP classes are challenging, move at a faster pace, and go into greater depth. They promote higher level thinking skills, require additional study time, and are designed to maximize student potential. There are extensive, challenging reading and writing requirements. Independent study and outside research project(s) are required.

Please note that some Honors and Advanced Placement classes have written assignments that accompany the summer reading. These are due on the first day of class.

Freshmen

English I (State Tested) – 1 Credit

English I Honors (State Tested) – 1 Credit

Prerequisite (meet one or more): 8th English - 85 or higher;

TVAAS – 50 TN percentile projection for English I

Pre-Class Reading: *And Then There Were None; Lord of the Flies* (with additional written assignments)

English I Pre-AP (State Tested) – 1 Credit

Prerequisite (meet one or more): 8th English - 85 or higher;

TVAAS – 50 TN percentile projection for English I

Pre-Class Reading: *And Then There Were None; Lord of the Flies* (with additional written assignments)

Sophomores

English II (State Tested) – 1 Credit

English II Honors (State Tested) – 1 Credit

Prerequisite: 93 in English I or 85 in English I Honors

Pre-Class Reading: *The Curious Incident of the Dog in the Night Time; Fahrenheit 451*

English II Pre-AP (State Tested) – 1 Credit

Prerequisite: 93 in English I or 85 in English I Honors

Pre-Class Reading: *The Curious Incident of the Dog in the Night Time; Fahrenheit 451*

This course is designed to develop skills and strategies for future AP English classes.

English Elective

Journalism: Yearbook— 1 Credit

This course emphasizes writing style and technique as well as production values and organization. Journalism courses introduce students to the concepts of newsworthiness and press responsibility; develop students' skills in writing and editing stories, headlines, and captions; and teach students the principles of production design, layout, and printing.

Photography, photojournalism, and digital technology skills may be included.

English Language Learners

English Language Development 9 & 10— 1 Credit

Teacher placement only

This is an intervention class for students who are English language learners. Only two classes may count as English credits and one of those must be ELD 9 or 10.

Newcomer ESL 9th – 12th – 1 credit

Teacher placement only

This is an intervention class for those new to a US school.

Fine Arts

General Band I and II – 1 Credit

Prerequisite: Prior band experience

This class emphasizes improving music reading skills and instrumental techniques for students with prior band experience. Importance is placed on individual music performance, sight reading, music theory, ear training, and music history.

Performance opportunities available outside school hours include concerts, contests, and regional assessments. **Fees are associated with outside performances.**

Introductory Band I—1 Credit

Prerequisite: NONE

This course is for students who are interested in learning an instrument but were not able to join the band in Middle School. Students will work on music reading skills and instrumental techniques.

Performance opportunities available outside school hours include concerts, contests, and regional assessments. **Fees are associated with outside performances.**

Chorus I – 1 Credit

This course includes the study of vocal techniques, music theory, and sight reading. Students perform styles from classical to pop music.

Chorus II– 1 Credit

Sophomores and above

Students perform challenging musical selections to further develop skills. Performance opportunities include competitions and may include performances outside the school day.

General Music – 1 Credit

This course provides an understanding of the elements, history, and role of music in society. It includes learning to listen to music, musical history, music of different cultures, the recording industry, instruments of the orchestra, and the history of American music.

Music Theory – 1 Credit

This course provides students with an understanding of the fundamentals of music and include the following topics: composition, arranging, analysis, aural development, and sight reading.

Visual Art I – 1 Credit

This course explores the elements of design through basic drawing, painting, 2-D, and 3-D skills. Pencil, color pencil, tempera paint, acrylic paint, and clay are used.

Visual Art II – 1 Credit

Prerequisites: Visual Art I

Students will explore one or several art forms (e.g., drawing, painting, two- and three-dimensional design, and sculpture) and create individual works of art. Initial courses emphasize observations, interpretation of the visual environment, visual communication, imagination, and symbolism.

Health Science: Medical Assisting

Health Science Education – 1 Credit

Industry Certification: OSHA 10

This course is an introduction to broad standards that serve as a foundation for health care occupations and services. Units included are academics in health care communications systems, legal responsibilities, ethics, teamwork, and safety practices.

Health Science Anatomy & Physiology – 1 Credit

Prerequisite: Health Science Education

This course examines the structure, function, and relationships of the body systems.

Marketing Management

Introduction to Business & Marketing – 1 Credit

Industry Certification: OSHA 10

Freshmen and Sophomores

This course introduces all aspects of business: domestic and international economies, financial principles, management strategies, administrative and information systems, ethics, and organizational and professional leadership.

Marketing & Management I: Principles – 1 Credit

(meets the Economics graduation requirement)

Sophomores and above

The course focuses on the study of marketing concepts and their practical application. Students will examine risks and challenges marketers face to establish a competitive edge. Subject matter includes economics, marketing foundations/functions, and human resource leadership development.

Mathematics

Students are required to take a math course all four years. All Algebra I, Geometry, and Algebra II classes have a strong focus on TN-Ready State Standards. A scientific calculator is the minimum technology needed for Algebra I and Geometry. A graphing calculator is needed for other math classes (and highly recommended for all math classes.)

All math students are expected to practice skills learned in class outside the school day. Since students come from different mathematical backgrounds and work at different paces, assignments may require more time for some individuals.

Honors, Statewide Dual Credit, and AP classes are challenging, move at a faster pace, and go into greater depth. They promote higher level thinking skills, require additional study time, and are designed to maximize student potential. Strong computational and problem solving skills are critical. Independent study and outside research project(s) are required.

Algebra I (State Tested) – 1 Credit

TN-Ready State Standards

Algebra I Honors (State Tested) – 1 Credit

Prerequisite (meet one or more): 8th Math – 93 or higher;

TVAAS – 60 TN percentile projection for Algebra I

TN-Ready State Standards

Algebra IA – 1 Credit

Placement under Individualized Education Plan

TN-Ready State Standards

Geometry (State Tested) – 1 Credit

Prerequisite: Algebra I

TN-Ready State Standards

Geometry Honors (State Tested) – 1 Credit

Prerequisite: 93 average in Algebra I or 85 average in Algebra I Honors

TN-Ready State Standards

Algebra II (State Tested) – 1 Credit

Prerequisite: Algebra 1

TN-Ready State Standards

Algebra II Honors (State Tested) – 1 Credit

Prerequisites: 93 average in Algebra I or 85 average in Algebra I Honors

TN-Ready State Standards

Mechatronics

Principles of Manufacturing – 1 Credit

Industry Certifications: OSHA 10; Precision Measurement Instruments

Co-requisite: Algebra I

This course provides an understanding of how manufacturing combines design and engineering, materials science, process technology, and quality.

Robotics & Automated Systems – 1 Credit

Sophomores

Prerequisites: Algebra I; Principles of Manufacturing

This course explores how robots and automated systems are used in industry. Students explore programmable circuits, interface inputs and outputs, and test robots and automated systems.

Science

All science courses are laboratory courses. Honors and AP classes are challenging, move at a faster pace, and go into greater depth. They promote higher level thinking skills, require additional study time, and are designed to maximize student potential. Independent study and outside research project(s) are required.

Biology I (State Tested) – 1 Credit

This course investigates the relationship between structure and function from molecules to organisms and systems, the interdependence and interactions of environmental components, and mechanisms that maintain continuity and lead to changes in populations.

Biology I Honors (State Tested) – 1 Credit

Prerequisite: 8th Science – 85 or higher

See Biology I.

Physical Science – 1 Credit

This course is an introduction to physics and chemistry.

Physical Science Honors – 1 Credit

Prerequisite: 85 in Algebra I

See Physical Science.

Chemistry I Honors – 1 Credit

Sophomores and above

Prerequisite: 93 in Algebra I or 85 in Algebra I Honors

See Chemistry I.

Ecology – 1 Credit

This course examines the natural and man-made environment and the environmental problems the world faces.

AP Environmental Science (EPSO) – 1 Credit

Prerequisites: Algebra I; Biology I

Meet one of the following: ACT 22; 85 in Biology I Honors or 93 in Biology I

This course explores and investigates the interrelationships of the natural world and analyzes environmental problems, both natural and human-made.

AP Exam (estimated) \$95 - Due October 1

Social Studies

Statewide Dual Credit and AP classes are challenging, move at a faster pace, and go into greater depth. They promote higher level thinking skills, require additional study time, and are designed to maximize student potential. There are extensive, challenging reading and writing requirements. Independent study and outside research project(s) are required.

World History – 1 Credit

Freshmen

This course examines the rise of the nation-state in Europe, the Industrial Revolution, political reform in Western Europe, imperialism across the world, and the economic and political roots of the modern world. Topics include the World Wars, Great Depression, Cold War, and Russian and Chinese Revolutions, the rise of nationalism and the continuing persistence of political, ethnic, and religious conflict in many parts of the world.

World History Honors– 1 Credit

Freshmen

See above description. Students will be required to complete additional projects and readings each quarter.

AP European History (EPSO) – 1 Credit

Sophomores and above

This course spans the cultural, economic, political, and social developments in European history from 1450 forward.

Students craft arguments from evidence; evaluate events from a chronological perspective; compare and contextualize historical developments; analyze evidence, reasoning, and context to understand historical interpretations. There are extensive reading and writing assignments. **AP Exam (estimated) \$95 - Due October 1**

Personal Finance – ½ Credit

Sophomores and above

This course examines how individual choices directly influence occupational goals and future earnings potential. Real world topics covered include income, money management, spending and credit, as well as saving and investing.

Contemporary Issues – ½ or 1 Credit

Students analyze historical, cultural, economic, and geographic factors that have raised concern in the nation and around the globe.

Wellness

Lifetime Wellness – 1 Credit

This course is divided into two sections, ½ credit for PE and ½ credit for Health. Topics covered include: personal fitness and related skills; nutrition; chemical education; sexuality and family life; mental health; disease prevention and control; safety and first aid.

Physical Education I– ½ Credit

Sophomores and above

This continuation of the lifetime wellness class is designed to aid in the development of each student physically, mentally, and socially. The program will include beginning instruction and practice and play in individual and team sports.

Physical Education II (sports related) – ½ or 1 Credit

Sophomores and above

This course is designed for athletes interested in taking their athleticism, conditioning, strength, and performance to the next level. The focus is on building cardiovascular fitness and aerobic endurance. This course can ONLY be taken by students on a school sports team.

World Languages

Students use listening, reading, speaking, and writing skills in the study of foreign language and culture. Success depends upon prior mastery of English grammar as well as dedication to daily study and practice. Students are expected to spend thirty minutes to one hour on homework nightly.

Spanish I – 1 Credit

Sophomores and above

















Spanish II – 1 Credit

Prerequisite: Spanish I

French II – 1 Credit

Prerequisite: French I

BATTLE CREEK HIGH SCHOOL ELECTIVE FOCUS AREAS AND SEQUENCE

	Advanced Placement	Do you want to be intellectually challenged to the max? The Advanced Placement focus may be met through any combination of three advanced placement courses. Classes taken to meet core requirements may also be counted to encourage students to take rigorous courses.			
	 Business Management	9 th Introduction to Business & Marketing	10 th Business Communications	11 th SDC Introduction to Business	12 th Virtual Enterprise International 12 th Business & Entrepreneurship Practicum 12 th Business Management WBL
	 Criminal Justice & Correction Services	“Bad boys...bad boys...whatcha gonna do when they come for you?” Develop the skills that are needed in law enforcement and the justice system.			
	 Digital Arts & Design	9 th Digital Arts & Design I	10 th Digital Arts & Design II or DE Arts & Design II	11 th Digital Arts & Design III or DE Arts & Design III	12 th Applied Arts Practicum 12 th Digital Arts & Design WBL
	Fine Arts	Picasso, Beyonce, Kenny G...what do they have in common? Let the creative part of who you are and whom you want to be SHINE through a Fine Arts focus. Any three fine arts courses beyond the core one credit requirement: Band, Chorus, General Music, Music Theory, and Visual Arts			
	 Health Science:	9 th Health Science Education	10 th Anatomy & Physiology	11 th TBD	12 th Clinical Internship 12 th Therapeutic Services WBL
	Humanities	The human condition: do you think about it? In Humanities, you investigate human beings, their culture, and their self-expression. Any combination of courses in English and Social Studies above the core requirements will satisfy the humanities focus area. Journalism, Contemporary Issues. Additional humanities options will be added for the 25/26 school year.			
	 Marketing Management	9 th Introduction to Business & Marketing	10 th Marketing & Management I Principles	11 th SDC Principles of Marketing	12 th Business & Entrepreneurship Practicum 12 th Marketing Management WBL
	Math & Science	How would you like to be in demand most anywhere, anytime? Science and mathematics career opportunities range from engineers to lab technicians to teachers. Any combination of three courses beyond core requirements for math (Algebra I, Geometry, Algebra II, and an upper-level math) and science (Biology, Chemistry or Physics, and another science) will satisfy the focus area.			
	 Mechatronics	9 th Principles of Manufacturing	10 th Robotics & Automated Systems	11 th LDC Mechatronics I	12 th LDC Mechatronics II 12 th Manufacturing Practicum 12 th Mechatronics WBL

