

BRIDGEPORT HIGH SCHOOL COURSE OFFERINGS FOR 2017 - 2018 SCHOOL YEAR

ADVISORY

Subject Code: ELE

One-semester course, 0.5 credits

Grades: 9th - 12th

Core Academic Course: no"

Advisory is a 40-minute class at the beginning of the day. Students are placed with their grade level and keep the same advisory teacher for four years of high school. Advisory is the time for school activities, for assemblies, homework, and quiet reading time. Students may receive tutoring and attend clubs during advisory.

INTRODUCTION TO ALGEBRA 1

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: yes"

Introduction to Algebra 1 is a transitional course between Middle School Math and high school Algebra 1. Students will get review and reinforcement of computational skills, operations with signed integers and fractions, solving of linear equations, overview of different functions and their graphs. Emphasis is placed on using mathematical reasoning and solving applied problems.

ALGEBRA 1

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th - 12

Core Academic Course: yes"

Algebra I provides a formal development of the algebraic skills and concepts necessary for students to succeed in advanced courses. Content involves understanding, writing, solving, and graphing linear and quadratic equations—including systems of two linear equations and inequalities with two unknowns. Quadratic equations are solved by factoring, by completing the square, by using graphs, or by applying the quadratic formula. Students will become proficient with operations on monomial and polynomial expressions. Students are introduced to rational expressions and use their factoring skills to simplify and compute expressions

ALGEBRA 2

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th - 12

Core Academic Course: yes"

This course is designed to build on algebraic and geometric concepts. It develops advanced algebra skills such as advanced polynomials, imaginary and complex numbers, rational equations, logarithmic and exponential functions, conic functions, Inverse functions, function composition, and data analysis. The content of this course are important for students' success on both the ACT and college mathematics entrance exams. Students who complete Algebra II should take Pre-Calculus next.

AP LANGUAGE AND COMPOSITION 11

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th - 12

Core Academic Course: yes"

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods.

AP ENGLISH LITERATURE 12

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: yes"

AP Literature is designed for students who excel in language arts and plan to take the Advanced Placement exam. This course provides an excellent foundation for post-secondary education and career pursuits. Students will focus on the intense study and analysis of literature and refine their writing through vast opportunities for revision

ART

Subject Code: FA

One-semester course, 0.5 credits

Grades: 9th - 12th

Core Academic Course: yes"

Visual Art is a studio oriented course, including exploration in 2D and 3D design. Projects may include, but not limited to; drawing, painting, sculpture, weaving, commercial arts, art appreciation, art history and literacy. This class is an essential part of your daily learning. Art frames our experiences of the world, serves as vehicles for personal expression & enhances exploration of all curriculum's. Our students have experiences by using a wide variety of materials & techniques that cover art history, & Elements/Principles of Design following the Michigan Standards & Benchmarks.

BAND

Subject Code: FA

One-semester course, 0.5 credits

Grades: 9th - 12th

Core Academic Course: yes"

Band is an elective course designed to provide students an opportunity to perform on a variety of musical instruments. Students will work closely with classmates to prepare music for concert band, marching band, pep band, and small ensembles. Public performances are part of the course. Students also will learn music theory skills.

BAY ARENAC

Subject Code: VOC

Two-semester course, 3.0 credits

Grades: 11th - 12th

Core Academic Course: no"

Career program offered through Bay Arenac Career Complex. Students can choose from a variety of trades and career tracks of their interest. Students attend 3 hours a day in the afternoon. They can earn vocational credits as well as CTE and credits in several core subjects depending on the program.

BIOLOGY

Subject Code: SCI

Two-semester course, 1.0 credit

Grades: 10th

Core Academic Course: yes"

Students will investigate biological systems at the molecular, cellular, and microbiological level. Hands-on laboratory exercises will be provided to assist students in their understanding of biological themes. Projects and reading assignments may be required with each unit of instruction.

CHEMISTRY

Subject Code: SCI

Two-semester course, 1.0 credit

Grades: 11th

Core Academic Course: yes"

"Chemistry is the branch of science that studies the composition, properties, and interactions of matter. Topics include: scientific measurement, atomic structure, importance of electrons, periodic table, bonding, chemical names and formulas, quantities, and reactions. Classwork is a combination of reading, video lecture, textbook problems, and laboratory experiments. Good study habits and math skills are critical to success.

CHINESE

Subject Code: FL

Two-semester course, 1.0 credit

Grades: 11th

Core Academic Course: no"

Students will be continuing to enhance their Chinese vocabulary in Chinese 2. They will learn an additional 100-150 characters, which will total their Chinese vocabulary to 200-300 words. Topics that will be covered in the class: Time and Dates, Daily Items, School Classes/Supplies, Extra-curricular activities, etc. The class will focus on listening, speaking, reading, and writing in Mandarin Chinese (Simplified).

COMPUTER APPL1

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

Computers I is an elective course designed to give students a better understanding of the applications of computers. Various computer programs will be studied in detail. Students will apply their knowledge by creating websites and computer programs.

COMPUTER APPL2

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

Computers II is an elective course designed for students who have already been successful in Computers I. Computer applications will be studied in greater detail. Students will complete large-scale projects, including design and upkeep of the school website and computer game design and programming.

CREATIVE WRITING

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: no"

Students will read published writing as a model, then incorporate their impressions and personal life experiences to compose their own writing projects. They will be encouraged to write about topics that engage their interest as they practice using the writing process throughout the course.

CURRENT EVENTS

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

This course teaches students to follow the major issues of the day and understand their social, political, and economic importance. The class will follow the daily news and their historical development, tracing the roots and consequences of events and their impact

on the community. Students are expected to learn how to make connections between current events and history, and encourage them to become informed citizens. Students will write and present papers on selected current topics.

DUAL ENROLLMENT

Subject Code: none

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

Dual Enrollment program allows students to enroll in Delta Community College and take academic courses for college credit or personal enrichment. Students select courses from the catalogue and go through the typical enrollment process. Students schedule classes either in the evening or during school in which case they receive permission attend Delta college during certain hours.

Earned credits may be transferred onto their high school transcript.

E2020

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 12th

Core Academic Course: no

Prerequisite: administrator recommendation, or/and IEP"

E2020 is a software by Edgenuity which may be assigned to students for credit recovery, as an instructional supplement, or as a primary method of instruction for students who may not be achieving success in a traditional classroom setting. The courses completed through E2020 and the grades earned are manually input into the student's transcript by the guidance department. Students may receive credit for a specific course taken on E2020 only upon completion of the required content and earning a grade. All core courses found in the course offering book can be taken through our E2020 program.

ECONOMICS

Subject Code: SS

One-semester course, 0.5 credit

Grades: 9th -12th

Core Academic Course: yes

This one-semester required course builds economic literacy in students. The overarching problem of scarcity, unlimited human wants pursuing limited resources, is a focal point of the course. Students deepen their prior knowledge of basic economic concepts and apply them to national and international economic systems and problems as a whole.

ENGLISH 9

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th

Core Academic Course: yes

English 9 is designed to provide students with a strong background in various literary genre and writing formats. This course emphasizes short stories, fiction, poetry, Shakespearean drama and film analysis, focusing on the themes and essential questions connected to coming of age and courage.

ENGLISH 10

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 10th

Core Academic Course: yes

We will be working with many important concepts and strategies that relate to reading, writing, literature, and communication. We'll be expanding much of what you learned in English 9. We'll focus on a variety of texts focusing on cultural identity and world literature. We'll use a variety of close reading and writing strategies to prepare you for next year's SAT as well as getting you on track to being college-bound.

ENGLISH 11

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 11th

Core Academic Course: yes

English 11 Literature and Composition is an integrated English course that utilizes the Springboard framework and is aligned with the Common Core Standards. It is a study of language, literature, composition, and oral communication with a focus on exploring characterization across universal themes, such as the American Dream, and a wide variety of genres. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 11.

ENGLISH 12

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 12th

Core Academic Course: yes

This course includes a review of grammar skills, the teaching of intermediate composition skills, and an examination of various literary genres that include the short story, poetry, drama, non-fiction, and the novel. We will study how society changes focus from medieval times to 17th and 18th centuries to modern times. Emphasis in both semesters will be placed on vocabulary development, composition skills, critical reading, and critical writing skills.

GMCA CORE

Subject Code: VOC

One-semester course, 1.0 credit

Grades: 11th and 12th

Core Academic Course: no

Prerequisite: administrator recommendation."

GMCA Core is a two-hour block offered during 1st semester. It is a pre-requisite for career courses offered by Greater Michigan Construction Academy during the second semester. The Core includes safety training, historical development of the career, overview of equipment and skills.

INTRO TO ENGINEERING DESIGN 1

Subject Code: ELE

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: no

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

INTRO TO ENGINEERING DESIGN 2 /

PRINCIPLES OF ENGINEERING

Subject Code: ELE

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: no

Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

GEOMETRY

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 11th

Core Academic Course: yes

Geometry: This course is designed to emphasize the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations, right triangle trigonometry, and using logic to justify personal reasoning and critique the reasoning of others. Core math practices and their real-world applications are stressed.

GOVERNMENT

Subject Code: SS

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: yes

This one-semester course deepens students' knowledge of government, with a particular focus on national, state, and local government in America. Through discussion and writing, they practice making reasoned decisions about matters of public policy.

HEALTH

Subject Code: PE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: yes

Health is a required course that emphasizes the practical application of knowledge to healthful daily living. The units of study will include Unit 1- Personal Health and Wellness, Unit 2- Social, Emotional and Mental Health, Unit 3- Nutrition and Physical Activity, Unit 4- Substance Abuse Unit 5- Safety & CPR-American Red Cross, Unit 6- Reproductive Health, Unit 7- Independent Living. Using personal assessments, role playing, problem solving and many hands-on activities students learn and develop wise decision-making skills with the goal of extending one's life expectancy.

LIFE SKILLS

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no

Prerequisite: IEP and teacher recommendation"

The goal for each student in the Life Skills class is the successful application of independent living skills and work skills in his or her community. The Life Skills class has been created to teach non-diploma Special Needs students, the job of daily life and living within their community.

MODIFIED ENGLISH

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Prerequisite: IEP

Description: This course emphasizes transition-based consumer and basic functional language art skills. Skills will include grammar, spelling, and writing. The students will learn skills that will functionally assist them with writing in the workplace, writing at home, and writing to be used in the community.

MODIFIED MATH

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Prerequisite: IEP

Description: Modified Math emphasizes transition-based consumer and basic math skills. Skill will include money/budgeting, time, patterns, measurement, and number concepts. The students will learn skills that will functionally assist them with math in the workplace, math at home, and math to be used out in the community.

MOD READING

Subject Code: ENG

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Prerequisite: IEP"

Description: This course is designed to improve fluency, vocabulary, and comprehension to assist the student in daily life. Emphasis will focus on reading skills for home, the community, and employment.

MODIFIED SCIENCE

Subject Code: SCI

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Prerequisite: IEP

This science class is designed to give students a general background in physical science, life, science, and health & the human body. This course focuses on using science to make informed decisions about situations encountered in daily life and on the job.

MODIFIED SOCIAL STUDY

Subject Code: SS

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Prerequisite: IEP

Description: This class is designed to give students a general background in world geography, history, government, economics, and consumerism. Students will also practice interpreting tables, graphs, and charts. The emphasis will be on using this general knowledge to make informed decisions in daily life.

NEWSPAPER

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th-12th

Core Academic Course: no

This newspaper course is designed to give students a basic understanding of journalism and newspaper writing techniques.

Students will write, edit, and layout issues of the school newspaper, both in print and in an online version as well as submit various news articles to local community newspapers. Students in this course do all the work for publication of each issue of the paper. The course will also require some after school deadlines as well as some out-of-school time for news coverage.

PERSONAL FINANCE

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Personal Finance includes topics such as: goal setting, budgeting, taxes, writing checks, purchasing a car and home, insurance, investing in stocks and bonds. Class work will include textbook reading, questions and discussion, and an online program called MoneySkill. Senior math credit can be earned in this class so there are math problems included daily.

PHYSICAL EDUCATION

Subject Code: PE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: yes"

This class is designed to introduce the student to many aspects of physical education including participation in sports, introduction to the basics of strength training and conditioning program to fit their individual needs. Students participate in many activities that will improve their overall fitness, agility, coordination, speed, strength, and cardiovascular fitness. The units of study will include Unit 1- Pre Assessment- Presidential Physical Fitness Assessment, Unit 2- Soccer, Unit 3- Volleyball, Unit 4- Softball, Unit 5-Basketball, Unit 6- Badminton/ Tennis, Unit 7- Strength Training and cardiovascular fitness, Unit 8- Post Test

PHYSICAL SCIENCE

Subject Code: SCI

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes"

Physical Science covers basic introductory concepts for Physics and Chemistry. Physics concepts will be covered during 1st semester and Chemistry concepts will be covered during 2nd semester.

PHYSICS

Subject Code: SCI

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Physics is the study of how things work. The subjects covered are motion (Newton's laws, projectiles, collisions), energy(work, kinetic, potential), gravitation (planetary motion), waves (mechanical and electromagnetic), and electricity and magnetism. These concepts will be covered thoroughly, with activities and labs as well as with book work and reading.

PIANO

Subject Code: FA

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

Piano is an elective course designed to give students working knowledge of how to play the piano. Students will learn to play music individually and in small groups. Necessary skills and techniques will be studied, including music reading, correct playing posture, "lead sheets", and basic ear training. Students will also learn about a variety of composers for piano.

PRE CALC

Subject Code: MTH

Two-semester course, 1.0 credit

Grades: 9th-12th

Core Academic Course: yes

Pre-calculus is designed to get you ready to take calculus, either here or in college. You will be studying higher level functions (complex rationals, exponential, power), trigonometry (sine cosine, tangent and their identities), limits, and vectors. Each concept has a list of goals that will be assessed individually. Rubrics will be designed to assess student proficiency within each topic. You will also have a pre-exam, mid-exam, and post exam during the semester.

PSYCHOLOGY

Subject Code: SS

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: NO

Students will learn the goals of psychology, related careers, and ways of helping people with problems. We will study topics such as development, perception, consciousness, personality, parenting styles, stress management, memory, learning, and end with abnormal behavior topics.

PUBLIC SPEAKING

Subject Code: ELE

Two-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: NO"

Introduction to Public Speaking course aimed at introducing students to the basic concepts of communication. It aims to make students not only better communicators, but better rhetoricians; people capable of using sound and ethical rhetoric and of analyzing other forms of communication for subtle usage of logos, ethos and pathos.

RECREATIONAL SPORTS

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

"Recreational Sports is a one-semester course which provides content and learning experiences in outdoor and indoor games and recreational activities, motor skills and movement concepts as they apply to physical activity, lifetime sports, wellness, and healthy lifestyle choices."

SAGINAW CAREER COMPLEX

Subject Code: VOC

Two-semester course, 3.0 credits

Grades: 11th - 12th

Core Academic Course: NO"

Career program offered through Saginaw Career Complex. Students can chose from a variety of trades and career tracks of their interest. Students attend 3 hours a day in the morning or afternoon. They can earn vocational credits as well as CTE and credits in several core subjects depending on the program.

SPANISH 1

Subject Code: FL

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: NO"

Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts.

SPANISH 2

Subject Code: FL

Two-semester course, 1.0 credit

Grades: 9th - 12th

Core Academic Course: NO

Prerequisites: Spanish 1 or instructor approval upon completion of placement test."

Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased

communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and subjunctive mood. Students will be expected to apply them in their writing and speaking.

STUDENT MENTORING

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 12th

Core Academic Course: no

Prerequisite: teacher recommendation"

"Student Mentoring is a course available to 12th graders who have already met all their academic requirements. This course is offered only on individual basis and is not for everyone. Selected students pair up with a teacher to shadow and learn about tasks, skills and responsibilities of an educator. The curriculum includes development of appropriate social skills, timeliness, accuracy, organization, and responsibility.

US HISTORY

Subject Code: SS

Two-semester course, 1.0 credit

Grades: 9th

Core Academic Course: YES

United States History covers the core concepts of U.S. history beginning with the dawn of the Industrial Revolution and concluding with present day issues. Due to the scope of both the textbook and the material being covered, this course will be a survey over the major events from the past, with current issues and skills as a secondary focus. The goal of the class is to provide students with the proper knowledge, perspective and investigative tools to comprehend, judge and make inferences about the past, present and future.

WORLD HISTORY

Subject Code: SS

Two-semester course, 1.0 credit

Grades: 10th

Core Academic Course: YES

The goal of this course in World History is to provide an awareness of how current events tie in with the historical past, as the class moves from the beginnings of civilization through the 20th century. Due to the scope of both the textbook and the material being covered (namely the history of the entire world); this course will be a survey over the major events of the past including: Ancient civilizations through the Middle Ages, the Renaissance, the French Revolution, the World Wars, and the Cold War. This course emphasizes historical investigation, discussion, projects, analysis and written expression.

WK BASED LRNING

Subject Code: ELE

One-semester course, 1.5 credit

Grades: 11th,12th

Core Academic Course: no

Prerequisite: IEP and teacher recommendation

Description: The Work Based Learning program offers supervised work experiences for students. Students of all abilities work in paid and non-paid jobs. Students learn various job skills, including how to apply for a job, the importance of dependability, and how to successfully interact with co-workers and employers. Assistance is provided, as needed, to help ensure success on the job and assist the student with job skills. Students learn self-confidence, financial responsibility and job skills as they become competent workers. This is a ½ day program provided through the Saginaw ISD. Students will be provided with transportation to and from their Work Based program.

Emotionally Impaired Program

Subject Code: Special Education

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: NO"

The purpose of Emotionally Impaired (EI) Program is to provide students having persistent behavior problems a self-contained setting for individualized instruction. Classes are taught through a blend of online learning and personal instruction. Students are taught self-monitoring and academic skills which allow them to complete graduation or certificate requirements. Students that show progress may attend mainstream classes and use other educational opportunities available at the school.

VARSITY SPORTS

Subject Code: PE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no"

"This course is offered primarily for students athletes who also practice daily and are participating in school athletics during season. This course offers development of skills and personal potential for student athletes interested in improving their performance or preparing for further competition at the upper collegiate level. Registration for this class is completed by the coach."

VOCATIONAL SKILLS

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: no

Prerequisite: IEP and teacher recommendation"

The goal for each student in the Vocational Skills class is to gain understanding about the world of employment and a variety of careers to explore, with the emphasis of employment skills specific to these careers. The class focuses on development of social

skills, organization, accuracy, timeliness, and responsibility. The Vocational Skills class has been created to teach non-diploma Special Needs students the job of daily life and living within their community.

WEIGHT TRAINING

Subject Code: PE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: NO"

"This is an introductory course designed to help each student to improve muscular strength, gain knowledge and understanding of weight training theory and to develop a personalized weight training program. This course will help students to understand basic anatomy and application of exercise physiology and the benefits of strength training.

YEARBOOK

Subject Code: ELE

One-semester course, 0.5 credit

Grades: 9th - 12th

Core Academic Course: NO

Yearbook is designed to provide students with the journalism skills and the ability to apply those skills to the actual production of the yearbook. Units of study include teamwork, responsibility, brainstorming, content, coverage, concept, reporting, writing, headlines, captions, editing, photography, typography, design, graphics, finances, yearbook campaigns, advertising and distribution.