

Brighton High School Class of 2021

Registration Information and Graduation Requirements

Counseling and Administration

Counselors and administrators are always interested in answering your questions. All have voice mail systems on which you may leave messages detailing your concerns and each will get back with you as soon as possible. Call (810) 299-4100 or (810)299 4150 for the counseling office.

Principal..... Mr. Gavin Johnson
Principal..... Mr. Henry Vecchioni

Counselors:

Mr. Barry Goode.....Class of 2021
goodeb@brightonk12.com 810-299-4169

Mrs. Jodi Petit.....Class of 2020
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Mrs. Caitlin VanCleve.....Class of 2019
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Mr. Jeff MinerClass of 2018
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Mrs. Jennifer Sprys-Tellner
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Scheduling Information

- Students will receive course selection sheets and scheduling information from their middle school teachers in March.
- Special Education students need to have their caseworkers initial the scheduling sheet. Selections should match the current I.E.P.C. on file.
- All Students must obtain teacher signature for English, Math and World Language selections.
- Additional course descriptions can be found under the Handbook and Curriculum Guide link on the Brighton High School web page.

Freshman Registration - August 24th, 2017

Registration for all BHS students will be held in the BHS Cafeteria from August 21 - 24 with Freshman registration on August 24th from 8:00 a.m. to 12:00 p.m. During this time, students will have pictures taken as well as pay for lunch accounts, yearbooks, athletic passes and other fees or donations.

* Make-up registration and registration for Band students will be held on Wednesday, August 30st from 8:00 a.m. – 12:00 noon in the cafeteria.

B-KOM – Brighton Kick Off Mentoring

B-KOM is an orientation program for all incoming Freshmen. It is led by staff and students of BHS. Each Freshman is assigned to a Mentor, who will assist them with the transition to high school. All class of 2021 are required to attend the orientation day. The date of orientation will be on Tuesday, September 5, 2017.

Graduation Requirements

All students must meet the following course requirements listed below.

Earn twenty-two (22) credits at BHS in the following areas:

English **4 credits**
Literature and Comp 9 or Honors Literature and Comp 9, American Literature or Honors American Literature & Comp, Literature & Comp 11 or Honors Literature & Comp 11, World Literature, AP Literature and Composition/AP Language or electives (senior year)

****Math** **4 credits**
Algebra I - Common Core, Geometry, Algebra II, Algebra II (Two Year Program) One Math Course in Senior Year

Science **3 credits**
Biology, Chemistry, and Physics

Social Studies **3 credits**
United States History, World History, Civics (semester class) Economics (semester class)

World Language **2 credits**

Health Education **1/2 credit**

Physical Education **1/2 credit**

Visual, Applied or Performing Arts **1 credit**

Electives **.6 credits**

**May be replaced with an elective option if student has successfully completed mathematics credits meeting the Michigan Merit Curriculum requirements.

***Visual, Performing or Applied Arts Credit Options**

Art - All Department courses
Automotive Technology
Business - Marketing I, Marketing II, Web Page Design, Social Media, Programming - Game Development, AP Computer Science
English - Drama, Performing Arts, Yearbook
Family and Consumer Sciences - Early Childhood Education, Housing and Home Furnishings, Bake Shop, Teacher Cadet, LINK, Leadership
Health Occupations Technology I & II
Music - All Department courses
Technology and Industry - Architectural Computer Aided Drafting and Design, Engineering Applications, Engineering Design Technology 1, Engineering Design Technology 2, Introduction to Graphics, Graphic Design, Graphic Communications I and II

***CTE Credit Options for 2nd World Language Credit**

Automotive Technology II
Advanced Automotive Technology
Early Childhood Development
Teacher Cadet
Programming Game Development
Social Media
Web Design
Engineering Applications (Mechanical/Architecture) Year Course
Engineering Design Technology I & II
Engineering Applications - 2 Hour Block
Graphic Design
Graphic Communications - 2 Hour Block
Health Occupations I or II
Marketing I - Year long course
Marketing II - 2 Hour Block
Advanced Marketing - Year long course
Entrepreneurship
Sports and Entertainment Marketing

*** 1 Full additional credit of the Visual, Performing or Applied Arts Credit Option, or 1 Full CTE Credit Option may replace the 2nd World Language Credit.**

For additional information, contact your counselor

Testing Out

Testing out gives a student the opportunity to skip a course if they can demonstrate proficiency in the course material. Each class requires a written exam, and some may have additional requirements. In all cases, a 78% is the minimum score required to earn credit for the class. Test out grades will not be calculated in the student's GPA.

Testing out is scheduled two times each year.

August: Students sign up from May 15th - 26th. The testing date is the last Monday in August.

Credit Ahead

Taking an online class during the summer allows the student to earn credit and free up space in their school year schedule. These classes are through Michigan Virtual High School, each with an online teacher. BHS has a mentor to provide support and help track a student's progress. These classes do have an enrollment cost.

For further information, contact Henry Vecchioni, Principal by email at vecchih@brightonk12.com

Schedules for Freshmen

* Six hour day

Required Classes:

English: One of the following options:
Literature and Composition 9 (61050)
Honors Literature and Composition 9 (61100)

Science: Biology (64070)

Math One of the following options:
Algebra I - Common Core (63070)
Geometry (63110)
Algebra II (63271/63272)

Social Studies: United States History and Geography (62250)

Recommended Classes:

Art
Physical Education Readiness - 1 Semester
Health Education - 1 Semester
World Language
Elective Options

Elective Options for Freshmen:

Art
Art Works, Drawing and Painting I, Drawing and Painting Studio, Metal Arts 1, Metal Arts Studio, Pottery I, Pottery Studio

Business
Applied Computer Technology, Programming Game Development, Web Design, Marketing I, Sports and Entertainment Marketing

English
Drama, Performing Arts, Expository Writing, Humanities (Art), Humanities (Music), Speech

Family and Consumer Sciences
Bake Shop, Child Development – Infancy, Child Development – Preschool, Health Education, Personal Power, Culinary Arts, Successful Relationships

Music
Freshmen Concert Band, Advanced Women's Ensemble, Varsity Men's Choir, Vivace, Jazz Band

Physical Education
Physical Education Readiness, BFS Weight Training, Team Sports, Individual Sports, Recreational Sports

Technology and Industry
Engineering Design Technology I & II, Introduction to Graphic Communications, Introduction to Automotive Technology, Automotive Technology I, Engineering Robotics I, Architectural Computer Aided Drafting & Design

World Language (year long)
French, Spanish, ASL III, ASL IV

* Please refer to online Curriculum Guide for course selection numbers.

Art

Art Works

Grades 9 - 12 * Semester course * Semester 1- 68005; Semester 2 - 68006 * 1/2 Credit
This course is for those interested in Art but not committed to one concentration. Media to be explored may include print making, sculpture, drawing and painting, collage and two or three-dimensional design. The elements and principles of design will be applied and emphasized in the work.

Drawing and Painting I

Grades 9 - 12 * Semester Course * Semester 1 - 68035; Semester 2 - 68036 * 1/2 Credit
This structured course will introduce students to the skills required in these art forms including composition and design principles, perspective, symmetry, proportion, and a variety of basic drawing and painting techniques. As time permits, color will be explored. Art history applicable to the material will be an important component.

Drawing and Painting Studio

Grades 9 - 12 * Semester Course * Semester 1 - 68265; Semester 2 - 68266 * 1/2 Credit
Prerequisite: Demonstrates proficiency of skills from Drawing and Painting I.
This course is a continuation of Drawing and Painting I with an emphasis on acrylic or watercolor painting, using drawing pencils, colored pencils, pastel and mixed media, with continued emphasis on art history, composition and design principles. Portraiture and use of color will be the first quarter focus.

Metal Arts I

Grades 9 - 12 * Semester Course * Semester 1 - 68015; Semester 2 - 68016 * 1/2 Credit
This course concentrates on fabrication and designing skills basic to creating any art made with metal. Among the technical skills taught are piercing, sawing, riveting, forging and all finishing skills applicable to these techniques. Success will reflect good use of the elements and principles of design as well as good craftsmanship.

Metal Arts Studio

Grades 9 - 12 * Semester Course * Semester 1 - 68245; Semester 2 - 68246 * 1/2 Credit
Prerequisite: Demonstrates proficiency of skills from Metal Arts I with a C- average or better.
This course further explores the fabrication and design skills begun in Metal Arts I adding the technical skills of silver soldering, simple stone setting, lost wax casting, wire construction, etching, rolling and folding techniques, and adding mixed media. Success will reflect good use of the elements and principles of design as well as good craftsmanship.

*A lab fee of approximately \$35.00 may be incurred for consumable materials. Fee exemptions may be made on an "as needed" basis.

Art Continued...

Pottery I

Grades 9 - 12 * Semester Course * Semester 1 - 68025; Semester 2 - 68026 * 1/2 Credit

This course offers a structured experience in basic design and pottery techniques including the hand-building techniques of pinch pot, slab-building and coil, and an exposure to using the pottery wheel. Art history is used to introduce many of the projects. Success will reflect as personal expression and creativity in the work, good use of the elements and principles of design and an effort to use good craftsmanship.

Pottery Studio

Grades 9 - 12 * Semester Course * Semester 1 - 68255; Semester 2 - 68256 * 1/2 Credit

Prerequisite: Demonstrates proficiency of skills from Pottery I with a C- average or better.

This course continues to build on the techniques and skills learned in Pottery I. Combining the techniques, personal expression and relating the work to art history are all important components. Students work more often on the pottery wheel to develop that skill and many of the projects will have wheel based requirements. Success will reflect good use of the elements and principles of design and good craftsmanship.

*A lab fee of approximately \$35.00 may be incurred for consumable materials. Fee exemptions may be made on an "as needed" basis.

Business

Applied Computer Technology

Grades 9 - 12 * Semester Course * Semester 1 - 66077; Semester 2 - 66078 * 1/2 Credit

This one semester computer course will introduce students to the skills and knowledge of using Windows operating system, Microsoft Office, as well as on-line educational applications. Students will enhance their technology skills using: Microsoft Word, and Excel. Online applications are integrated into the course to help students keep current with technology trends including Google and its applications, Prezi, Weebly, and YouTube Editor. Students will end the semester with a culminating class portfolio website that can be used in the future.

Marketing I

Grades 9 - 12 * Year Course * 66031/66032 * 1 Credit Satisfies the Visual, Performing, and Applied Arts (VPAA) credit, DECA and potential for college credit.

This one year course is a study of how a product or service is introduced, developed, priced, advertised, and sold in the marketplace. Course topics include: business communication, economics, market analysis, product decisions from innovation to production, pricing and packaging, promotion decisions from advertising to personal selling, placement decisions from channel of distribution to merchandising and visual displays, salesmanship and technology.

Business continued...

Programming-Game Development

Grades 9 - 12 * Semester Course * Semester 1 - 66075; Semester 2 - 66076 * 1/2 Credit

Satisfies 4th Year Math Credit (1/2 Credit)

What is computer science and cutting edge technology? Learn how to think like a computer by understanding what technology is and how to apply it to everyday life. Learn multiple programming languages to understand concepts of computer science by creating games using simple blocks of code, syntax error language and 3D/first person. Experience how to create an App and compete with students nationwide. Create games using motion sensing input devices. Program robots to sense, draw and move through obstacles. Program a game to use circuits to turn everyday objects into touch pads. Other tools include Oculus Rift & Raspberry Pi (not food) to use and manipulate technology.

Next suggested course : Web Design

Sports and Entertainment Marketing

Grades 9 - 12 * Semester Course * Semester 1 - 66131; Semester 2 - 66132 * 1/2 Credit & DECA

The purpose of this course is to provide students with the fundamental principles and concepts of sports and entertainment marketing and to develop critical thinking and decision-making skills through the application of marketing principles. A strong base of skills in communication, mathematics, social science, and the arts as well as the specific tasks associated with employment will be included. Successful completion of this course will help students develop knowledge of career opportunities, entry-level skills, and how marketing relates to the sports and entertainment industries. Students will also develop and utilize skills required to produce an actual sports and entertainment event.

Web Design

Grades 9 - 12 * Semester Course * Semester 1 - 66073; Semester 2 - 66074 * 1/2 Credit

Satisfies the Visual, Performing and Applied Arts (VPAA) credit

Students will learn how to create and maintain websites and how to integrate graphics, sound and user interaction. Students will use HTML, Javascript, CSS and Dreamweaver web design software to create effective, functional websites. Students will use Adobe Creative Suite software to design logos and graphics with Illustrator and change and create images with Photoshop. Students will also be introduced to animation software. The use of design elements and principles will be used to properly communicate ideas and enhance layout of their work. Students will create a personal portfolio website, learn how to publish to a server and participate in a Photoshop contest.

Next suggested course: Social Media

English

Drama

Grades 9 - 12 * Semester Course * Semester 1 - 61277; Semester 2 - 61278 * 1/2 Credit

Satisfies the Visual, Applied Performing Arts graduation requirements.

This semester course will focus on the fundamentals of Drama; stage directions, vocal exercises, play direction, play performance, backstage practice, cues, timing, memorization, teamwork, costuming, makeup application, lighting, music, improvisation, playwriting and handling criticism as well as praise for your performance. This class is required if you wish to also take Performing Arts.

During the semester class students will routinely perform improvisations, memorization of lines, daily vocal exercises, group exercises, individual performances, researching theatre, learning stage directions, cues, and etiquette. Each quarter will have a performance-based project: Quarter 1 Duos and Quarter 2 Monologues performed in front of classmates. Students will be writing both the duo scenes and the monologue, emphasizing playwriting.

This class is required if students wish to take Performing Arts.

Please note: This class may be used towards your 4th year English credit OR towards your Visual/Performing Arts credit. Your counselor can help you decide how to use them best

Performing Arts

Grades 9 - 12 * Semester Course * Semester 1 - 61077; Semester 2 - 61078 * 1/2 Credit

Prerequisite: Successful completion of Drama.

This is the follow up class to Drama, which takes all the same elements of the class and builds upon them. This class also adds Shakespeare; teaching about the history of his writing, the Globe Theatre, his plays, with some written analysis. There will be a focus on characterization, memorizing, improvisation, individual and group presentations, daily vocal exercise as well as required daily participation. Each quarter will have performance-based projects: Quarter 1 Monologues/Duos/Trios and Quarter 2 "The Short". This will be a 10-minute film, written, acted, directed, and produced by students to be viewed in the BCPA.

Please note: This class may be used towards your 4th year English credit OR towards your Visual/Performing Arts credit. Your counselor can help you decide how to use them best

English continued...

Expository Writing

Grades 9 - 12 * Semester Course * Semester 1 - 61455; Semester 2 - 61456 * 1/2 Credit

This course is designed for those students who are below grade level in the area of written communication. It will examine the basic techniques of factual writing through the research process and through other forms of writing. Students will focus on the writing process as they learn/practice the skill of communicating effectively.

Humanities: Music

Grades 9 - 12 * Semester Course * Semester 1 - 61465 * 1/2 Credit

Music Humanities is a course that follows the thread of American music from the 1800's to the present. Students begin by studying slave spirituals then move to the blues, jazz, rock and roll, Motown, Elvis Presley, The British Invasion, and The Beatles. Learning about these genres and artists involves reading articles, writing responses to formal and informal prompts, giving presentations, and listening to music. The goal of the class is to understand the relationship between music and society and to expose students to different types of music. The highlight of the class is a field trip to the Motown Museum in Detroit.

Humanities: Art

Grades 9 - 12 * Semester Course * Semester 2 - 61468 * 1/2 Credit

Students will examine the history of art from the earliest time to the contemporary era as art relates to the culture and sociological development in Western civilization. Students will write reviews, interviews, and documented essays. Students will also be expected to complete a hands-on art project.

Honors Literature and Composition 9

Grade 9 * Year Course * 61100 * 1 Credit

Prerequisite: Summer Reading

This one-year course fulfills the graduation requirement for ninth grade and will cover the curriculum of Literature and Composition plus additional novels and essays. The composition of this course is very challenging in nature and is intended for students who have a passion for literature and/or for students who wish to pursue Advanced Placement English in their twelfth grade year. The summer reading consists of four novels that must be read prior to the start of school. Each novel will be tested on within the first few weeks of school and those graded tests will be applied one per quarter during the school year.

English continued...

Literature and Composition 9

Grade 9 * Year Course * 61050 * 1 Credit

This one-year course required for graduation will emphasize improvement in reading and writing skills. Thought organization, essay writing, writing mechanics, grammar, as well as exposure to a variety of written literature will be included in this course. The course will also cover listening, speaking, and research skills.

Speech

Grades 9 - 12 Semester Course * Semester 1 - 61275;
Semester 2 - 61276 * 1/2 Credit

This course will emphasize oral communication and will focus on critical thinking, research, organized writing skills and speaking techniques. This course will stress the areas of public address and interpretation of prose, poetry, and drama.

Family and Consumer Sciences

Bake Shop

Grades 9 - 12 * Semester course * Semester 1 - 69047;
Semester 2 - 69048 * 1/2 Credit

This course will provide students with the opportunity to work cooperatively while learning basic to advanced baking skills and techniques. The student will appreciate food preparation as both a science and an art while meeting high expectations of consistency and performance. Course qualifies for Visual, Applied or Performing Arts credit.

Child Development - Infancy

Grades 9 - 12 * Semester Course * Semester 1 - 69035 *
1/2 Credit

Preparation will enhance your personal and professional relationships with children, whether you are a coach, teacher, doctor, psychologist, neighbor or caregiver. Responsibilities with children are constant and dynamic. Students will be able to participate in several simulation activities. The course content focuses on issues surrounding prenatal development and infancy. Observation at Pooh's Corner will also be included.

Child Development - Preschool

Grades 9 - 12 * Semester Course * Semester 2 - 69038 *
1/2 Credit

Children need attention from a variety of different sources in order to develop into the best possible individuals. This class will focus on all aspects of developing children. Parenting issues with their challenges and joys, will be discussed as well as how to address the needs of young children. Students will have the opportunity to participate in a variety of activities and projects. Preschool observation at Pooh's Corner will also be included.

Family and Consumer Sciences Continued...

Health Education

Grade 9 * Semester Course * Semester 1 - 69265;
Semester 2 - 69266 * 1/2 Credit

This required course is designed to teach students a variety of important life skills to help them develop and maintain healthy lifestyles. Areas of study include: Physical, mental and social health, CPR and first aid, disease prevention, substance abuse, nutrition, fitness, and reproductive health including contraceptive information. CPR training and completion is a mandatory graduation requirement that is included in the health curriculum.

Personal Power

Grades 9 - 12 * Semester Course * Semester 1 - 69025;
Semester 2 - 69026 * 1/2 Credit

The goal of this course is to provide students with the tools necessary to grow, and accept responsibility for their own success and happiness. Emphasis is placed on developing confidence, communication skills, and shaping one's destiny. Class participation is an important component of this course, and regular attendance is mandatory for the students to benefit from the valuable life lessons covered daily in the classroom.

Culinary Arts

Grades 9 - 12 * Semester Course * Semester 1 - 69055;
Semester 2 - 69056 * 1/2 Credit

This course will focus on basic principles and methods of food preparation. The students will learn how to prepare delicious and nutritious soups, salads, main dishes and much more. Meal planning and nutrition will also be included.

Successful Relationships

Grades 9 - 12 * Semester Course * Semester 1 - 69425;
Semester 2 - 69426 * 1/2 Credit

During this course students will explore ways to optimize their relationships, and form realistic expectations for future relationships. Focus will be on skills necessary for building healthy families including the challenges of dating, learning to love, and forming mature relationships.

Math

Algebra I - Common Core

Grade 9 * Year Course * 63070 * 1 Credit

Prerequisite: To be successful in this course students must have mastered operations and simplifying of whole numbers, fractions and decimals, and be able to translate basic word problems into mathematical expressions or equations. Familiarity with a scientific calculator is helpful.*

Math Continued...

Geometry

Grades 9 - 12 * Year Course * 63110 * 1 Credit

Prerequisite: Required Credit in Algebra I

Students should be competent in basic arithmetic skill without a calculator. Students need to know the correct order of operations and be able to solve simple equations and graph linear equations without a calculator. Students need to be competent in mathematical interpretation of word problems.

This course will concentrate on coordinate geometry and transformations for the first half of the year. Working with proofs, formulas, measurement and three dimensional figures are the main areas of study in the second half of the year. *

Algebra II

Grades 9 - 12 * Year Course * Semester 1 - 63271;

Semester 2 - 63272 * 1 Credit

Prerequisite: Required credit in Geometry (Recommended "B" or better in **BOTH** Algebra I - Common Core and Geometry

Skills needed include an ability to solve linear equations, ease with all numerical calculations, both with and without calculators, and ability to manipulate mathematical symbols. Students are expected to know basic geometric formulas and theorems.**

*Scientific calculators are suggested for these classes.

**Scientific or graphing calculators are suggested for these classes.

Music

Freshman Concert Band/Marching Band

Grade 9 * Year Course - Semester 1 - 68145;

Semester 2 - 68146 * 1 Credit

Prerequisite: A recommendation from a former director or a successful audition with the high school band director.

A one year course designed for 9th grade band students. Students enrolling in this class will develop their skills as instrumental musicians and will be expected to perform at their highest ability at every scheduled practice and performance. Concert work is a requirement of the class (approximately one concert per quarter).

Music Continued...

Advanced Women's Ensemble

Grades 9 - 12 * Year Course * Semester 1 - 68111;

Semester 2 - 68112 * 1 Credit

Prerequisite: Successful audition with the high school choir director demonstrating proficiency of the skills developed from previous music classes.

The expected proficiency level and knowledge of the Advanced Women's Ensemble exceeds the confines of primary and rudimentary vocal techniques and choral literature. Students will demonstrate a strong vocal proficiency and knowledge of music fundamentals, i.e. note and rhythm reading and primary level sight-singing. The course will include: 1. Presentation of intermediate/advanced music theory and sight-singing materials. 2. Preparation and performance of diverse and challenging advanced choral literature. 3. Development of independent and small group learning. 4. Participation in the MSVMA District and State Choral competitions. A varsity letter may be earned in choir.

Varsity Men's Choir

Grades 9 - 12 * Semester Course * Semester 1 - 68125;

Semester 2 - 68126 * 1/2 Credit

Students choosing this course must enjoy singing and possess a desire to improve musicianship skills. This choir is an opportunity to learn more about the singing voice and to develop music skills. Various styles of music will be performed including folk, pop, jazz, barbershop and traditional. Students are encouraged to enroll for the year but it is not required. Activities will include performing in the community and district/state festivals. A varsity letter may be earned in choir.

Vivace!

Grades 9 - 12 * Semester Course * Semester 1 - 68123;

Semester 2 - 68124 * 1/2 Credit

Students choosing this course must enjoy singing and possess a desire to improve musicianship. Course content will include learning the foundations of vocal techniques, basic concepts of choral/vocal music and developing music reading skills. Music performed varies from traditional to music from around the world along with folk, pop, and jazz. Students are encouraged to enroll for the year but it is not required. Performances will include school, community and district/state festivals. A varsity letter may be earned in choir.

Jazz Band

Grades 9 - 12 * Semester Course * Semester - 1 68165;

Semester 2 - 68166

Prerequisite: Successful audition with the high school band director demonstrating proficiency of the skills developed from previous music classes.

This course should be taken for the entire year. Jazz Band will explore the musical forms of jazz, rock, blues, swing and dance. Students in this course will have the opportunity to perform both in school and in the community. Extra time is expected (approximately one concert per quarter).

Physical Education

Physical Education Readiness

Grades 9 - 12 * Semester Course * Semester 1 - 69901; Semester 2 - 69902 * 1/2 Credit

Student will reach competency using the BFS weight-training system. In addition, the course will focus on the understanding and practice of basic skills and techniques of individual, team, and recreational sports. Grading will consist of in-class participation, written/skill assessments, and homework/in-class assignments.

Team Sports

Grades 9 - 12 * Semester Course * Only Semester 2 - 69922 * 1/2 Credit

Prerequisite: Physical Education Readiness or Teacher Approval

This course will focus on the understanding and practice of basic skills and techniques of team sports. Instruction will include, but not be limited to basketball, volleyball, soccer, softball, and football. Grading will consist of in-class participation, written/skill assessments, and homework/in-class assignments.

Individual Sports

Grades 9 - 12 • Semester Course • Semester 1 - 69923 Semester 2 – 69924 • ½ Credit

Prerequisite: Physical Education Readiness or Teacher Approval

This course will focus on the understanding and practice of basic skills and techniques of individual sports. Instruction will include, but not be limited to golf, badminton, pickleball, and disc-golf. Grading will consist of in-class participation, written/skill tests, and homework/in-class assignments.

Recreational Sports

Grades 9 - 12 • Semester Course • Semester 1 – 69925 Semester 2 – 69926 • ½ Credit

Prerequisite: Physical Education Readiness or Teacher Approval

This course will focus on the understanding and practice of basic skills and techniques of recreational sports. Instruction will include, but not be limited to swimming, team handball, ultimate Frisbee, and softball. Grading will consist of in-class participation, written/skill tests, and homework/in-class assignments.

Physical Education continued...

BFS Weight Training

Grades 9 - 12 * Semester Course * Only Semester 2 - 69936 * 1/2 Credit

Prerequisite: Physical Education Readiness or Teacher Approval

The purpose of this course is for the student to understand and practice the basic skills and techniques of weight and speed training. The main objective is for students to obtain knowledge and practice weight and speed training, nutrition, stretching, and muscle identification. Grading consists of in-class participation, written quizzes and tests, and homework/in-class assignments.

* Any elective P.E. class may be taken as soon as student completes P.E Readiness. It is possible to take P.E. class first semester and an elective P.E. class 2nd semester.*

Students may only select one Physical Education class per semester.

Science

Biology (Required)

Grade 9 * Year Course * 64070 * 1 Credit

Biology offers the study of ecology, biochemistry, cells, energetics, chromosomes, cell division, genetics, and evolution. This course includes a variety of lab work and activities that require critical thinking. After both semesters, successful students will earn one credit in "Biology" toward the Michigan Merit Graduation Requirements.

Social Studies

United States History and Geography (Required)

Grade 9 * Year Course * 62250 * 1 Credit

All freshmen are required to take this year long course for graduation credit. This class continues the study of American History begun in the eighth grade. The course will focus on American economic, political and social life from the 1870's to present.

Special Education

All special education classes are scheduled with Teacher Recommendation and an IEPC.

Resource Support 9

Grade 9 * Year course * 60100 * Semester 1 - 60103;
Semester 2 - 60104 * 1 Credit

This one or two-semester class is designed to support student's academic success in general education classes. The course will address study, time management and self-advocacy skills, organizational techniques, and reading, writing and math support. The teacher will be the student's case coordinator. The class is an elective credit and will count toward graduation requirements. All instruction is based on Individualized Education Plans.

Technology and Industry

Engineering Design Technology 1

Grades 9 - 12 * Semester Course * Semester 1 - 67045;
Semester 2 - 67046 * 1/2 Credit

Designed to teach the fundamentals of technical drawing (drafting) through sketching and CADD software. Material assists students in learning the language of engineering. Students will learn to make drawings of common objects from machine parts to woodworking projects. Topics include single and multi-view drawings, 3-D solid modeling, section views, sketching and dimensioning of objects. Creo software will be used for computer drawing. This class is designed for those students interested in the engineering, construction trades, manufacturing or any trade requiring blueprint reading.
Satisfies VPAA Credit

Engineering Design Technology 2

Grades 9 - 12 * Semester Course * Semester 2 ONLY *
Semester 2 - 67242 * 1/2 Credit

Prerequisite: Engineering Design Technology I
Course will continue building on the knowledge gained from the prerequisite class. Students will learn and apply drafting practices as they relate to the world of manufacturing. This class will help further prepare students for Engineering College Majors and/or Entry Level Engineering jobs. Topics of study include: assembly and detail drawing, pattern development, auxiliary and section views, basic descriptive geometry, dimensioning, and advanced solid modeling.

Satisfies VPAA Credit requirement.

Technology and Industry Continued...

Introduction to Graphic Communication

Grades 9 - 12 * Semester Course * Semester 1 - 67085;
Semester 2 - 67086 * 1/2 Credit

This class is a mix of graphic design with entry level experiences into production processes. What does that mean? After this course, you know how a designed idea or artwork becomes a printed product. You will learn this answer and also be able to take an idea and produce it as a printed piece in this class. We only use "real world" software and industrial equipment. Adobe software is the creative industry standard. For this course, we will focus on Adobe Illustrator, and InDesign. You will have hands on experiences in lithography, screen printing and digital processes. Projects that you produce will include a memo pad, greeting card, children's book and T-shirt. You will be exposed to the third largest manufacturing industry in the United States through units of instruction which include: Job planning and layout, Adobe Illustrator and InDesign, graphic design, image production, lithographic press operation, screen printing and finishing operations.
Satisfies the VPAA Credit

Engineering Robotics I

Grades 9 - 12 * Semester Course * Semester 1 - 67063 *
Semester 2 - 67064 * 1/2 Credit

During this course students will explore the field of robotic design using a variety of hands on activities. Students will be introduced to various types of robot (arms, mechanized, automated) that are designed to complete different tasks. The student will learn basic programming to input the robot to perform the desired task. Students will work hands-on in teams to design, build, program and document their robots inputs/outputs. Mechanical concepts such as gearing/torque/speed/power are introduced. Other topics may include motor control, sensors, timing, decision making, timing sequences, drive trains, actuator and manipulator design.
Satisfies VPAA Credit requirement.

Architectural Computer Aided Drafting and Design

Grades 9 - 12 * Semester Course * Semester 2 ONLY *
Semester 2 - 67244 * 1/2 Credit

Prerequisite: Engineering Design Technology 1
Building on knowledge gained in the prerequisite class; students will learn drafting practices as they relate to the world of architecture. Topics of study include: residential/commercial design, building construction methods, blueprint reading, 3 D design and model building. Architecture CADD may be taken multiple times for credit.
Satisfies VPAA Credit requirement

Technology and Industry Continued...

Introduction to Automotive Technology

Grades 9 - 12 * Semester Course * Semester 1 - 67025; Semester 2 - 67026 * 1/2 Credit

This course is designed for students interested in learning how vehicles operate and how to perform maintenance and basic repairs. A state-of-the-art lab setting, industry grade tools and equipment, and daily hands-on activities provide an excellent foundation for students interested in mastering vehicle repair or preparing for an engineering or technical field.

Automotive Technology I

Grades 9 - 12 * Year Course * Semester 1 - 67223; Semester 2 - 67224 * 1 Credit

This course is designed for students who have a strong interest in gaining the experience necessary to repair their own vehicles and perform proper maintenance. Areas of lab work include brake system, fuel and ignition system, suspension system, steering system, and electrical system training.

Satisfies the VPAA Credit requirement.

World Language

French I, Spanish I

Grades 9 - 12 * Year Course * 1 Credit

French - Year Course - 65070

Spanish - Year Course - 65030

These initial-level courses are designed to teach basic grammar, vocabulary, pronunciation, and written style required in the respective language. Related activities will acquaint students with the culture and customs of the language's national origin. Good attendance and participation are essential if one is to succeed in language courses. It is strongly suggested that students purchase the accompanying workbook.

French II, Spanish II

Grades 9 - 12 * Year Course * 1 Credit

French II * Semester 1 - 65271; Semester 2 - 65272

Spanish II * Semester 1 - 65231; Semester 2 - 65232

These courses are designed to increase the student's conversational, reading, writing, and vocabulary abilities. There will be an increased emphasis on speaking and a continuation of related activities for the study of the culture and customs of the language's national origin. Good attendance and participation are important if one is to succeed in language courses. It is strongly suggested that students purchase the accompanying workbook.

World Language Continued...

French III, Spanish III

Grades 9 - 12 * Year Course * 1 Credit

French III - Semester 1 - 65471; Semester 2 - 65472

Spanish III - Semester 1 - 65431; Semester 2 - 65432

These courses are designed to further increase the students conversational, reading, writing, and vocabulary abilities. Portions of works by native authors will be read in their respective languages, analyzed, and discussed. Further study of the culture and customs of the language's national origin with a more concentrated usage of the target language will be emphasized. Good attendance and participation are essential in advanced language courses. It is strongly suggested that students purchase the accompanying workbook.

American Sign Language III

Grades 9 - 12 * Year Course * 65490 * 1 Credit

Prerequisite: Student has mastered the standards of the second year of study if the target language.

Student can respond appropriately in conversation using correct grammar, vocabulary and culturally appropriate conventions. This course is designed to increase the student's conversational and vocabulary competence. Good attendance and participation are essential at this level.

American Sign Language IV

Grades 9 - 12, Year Course • 65480 • 1 Credit

Prerequisite: Student has mastered the standards of the third year of study of the target language.

Student can respond appropriately in conversation using correct grammar, vocabulary and culturally appropriate conventions. This course additionally covers narratives and short stories, advanced fingerspelling, history, technology, and expansion of ASL I, II, & III topics. Good attendance and participation are essential at this level.

Brighton High School Fight Song

Fight the team across the field for BHS is here;

Set the earth reverberating with a mighty cheer – Rah! Rah! Rah!

Hit them hard and see how they fall, never let that team get the ball;

Hail, hail the gang's all here, so let's beat every team this year!! Fight!!!