

BHS Class of 2027

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. Matt Evans
Principal..... Mrs. Tracie Richards
Principal.....Mr. Nate Grabowski

Counselors:

Mrs. Jennifer Caverly.....Class of 2027
caverlyj@brightonk12.com

Mr. Jeff MinerClass of 2026
minerj@brightonk12.com

Mrs. Ashley Grossfeld.....Class of 2025
grossfelda@brightonk12.com

Mrs. Jody Petit.....Class of 2024
petitj@brightonk12.com

Mr. Barry Goode.....Online Counselor

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 2023

Registration for all BHS students will be held in the BHS Cafeteria in August. During this time, students will have pictures taken as well as pay for lunch accounts, athletic passes and other fees or donations.

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.

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 (or Anatomy or AP science)

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

Electives6 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 - all courses
Business - Marketing I, Advanced Marketing, Web Design, Social Media Marketing, Programming - Game Development, AP Computer Science
English - Drama, Performing Arts, Yearbook, Video Production (Media 1 & 2), Communication Design for Professional Settings, Technical Communication
Family and Consumer Sciences - Early Childhood Education, Housing and Home Furnishings, Bake Shop, Teacher Cadet, LINK, Culinary, Fashion Design & Merchandising Leadership
Health Occupations - all courses
Music - all courses
Technology and Industry - Architectural Computer Aided Drafting and Design, Engineering Applications, Engineering Design Technology 1 & 2, Introduction to Graphics, Graphic Design, Graphic Communications I and II, Industrial Robotics & Integrated Systems, Introduction to Machining & Prototyping
Out of District Courses - Agriculture Science I & II, Cyber Security & Computer Networking, Advanced Cyber Security & Computer Networking, Construction Trades I & II, Cosmetology, Culinary Arts & Hospitality, EMT, Energy Technology, Manufacturing, Private Pilot Ground School I & II, Robotics and Automation Technology I & II, Firefighter I & II, JROTC, Welding

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

Credit

Automotive Technology I & II
Advanced Automotive Technology
Early Childhood Development
Teacher Cadet
AP Computer Science A
AP Computer Science Principles
Programming Game Development
Social Media Marketing
Web Design
Engineering Applications (Mechanical/Architecture) Year Course
Engineering Design Technology I & II
Engineering Applications - 2 Hour Block
Industrial Robotics & Integrated Systems
Introduction to Machining & Prototyping
Graphic Design
Graphic Communications - 2 Hour Block
Advanced Graphics & Signage
Health Occupations - all courses
Marketing I - Year long course
Advanced Marketing - 2 Hour Block
Entrepreneurship
Entertainment and Sports Marketing
Social Media Marketing
CTE - Out of District Courses: Agriculture Science I & II, Cyber Security & Computer Networking, Advanced Cyber Security & Computer Networking, Construction Trades I & II, Cosmetology, Culinary Arts & Hospitality, EMT, Energy Technology, Manufacturing, Private Pilot Ground School I & II, Robotics and Automation Technology I & II, Firefighter I & II, JROTC, Welding

*** 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 in mid-May.
August testing date to be determined.

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 most students, this is neither necessary nor expected.

For further information, contact Matt Evans, Principal by email at evansm@brightonk12.com

Required Classes:

English

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 assigned summer reading novels must be read prior to the start of school. These will be assessed within the first few weeks of school, and those grades will be applied during the school year.

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.

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.

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.

Topics covered in this course include statistics, geometry, linear equations, probability, functions, sets, exponential growth and compound interest. Emphasis is placed on problem solving, graphing and applications.

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.

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

Intro to Digital Technology, Programming Game Development, Web Design, Entertainment and Sports Marketing

English

Drama, Performing Arts, Humanities (Art), Humanities (Music), Speech, Technical Communication

Family and Consumer Sciences

Bake Shop, Child Development – Preschool, Health Education, Personal Power, Culinary Arts, Successful Relationships, Housing & Home Furnishings, Fashion Design & Merchandising

Music

Freshmen Concert Band, Jazz Band, Treble I, Treble II, Tenor Bass, Orchestra I (Symphony), Orchestra II (Philharmonic)

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

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

Electives



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 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 designing and fabrication skills basic to creating art made with metal. Among the technical skills taught are piercing, sawing, riveting, forging and all finishing skills applicable to these techniques. In this class we will be working on small scale metal pieces as jewelry and/or, small sculptures as projects. 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 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 soldering, simple stone setting, wire construction, surface embellishment, and adding mixed media. Success will reflect good use of the elements and principles of design as well as good craftsmanship. In this class we will be working on small scale metal pieces as jewelry and/or, small sculptures as projects. This course may be repeated to continue exploring the medium at a more advanced level.

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

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 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

Intro to Digital Technology

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

This course is strongly suggested for any student interested in entering any aspect of the business world after high school or studying business in college. This course is designed so that students will master the features of various programs used in today's business world. Students will plan and create spreadsheets, presentations, databases, and word processing documents using the latest Microsoft Office Suite programs. Students will also use keyboarding programs to improve their typing skills and speed. Online applications are integrated into the course to help students keep current with technology trends and apps. Opportunity for Microsoft Office Specialist Certifications may be offered to students, which will enhance their college application and resume.

Offered only in even numbered school years

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)

This CS class gives students an introduction to multiple programming languages. Everything is cloud based and free to download/use. Learn how to think like a computer by understanding what technology is and how to apply it to game development. This introductory class helps students to understand concepts of computer science by creating games using block coding and developing programs using the Python language. Students will use devices such as circuits to make a board game, robots to sense and move through obstacles and other input devices to build and code.

Next suggested course : AP Computer Science Principles

Entertainment and Sports Marketing

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

Interested in the dynamic areas of sports, entertainment, and/or marketing? Marketing is an exciting industry and many jobs in the country deal with some aspect of marketing! In this course you will explore the intriguing world of sports and entertainment from the perspective of marketing. Topics will include, but are not limited to, college & amateur sports, professional sports, marketing entertainment, marketing plans, and promotional planning. The activities in this course will help students develop critical thinking, decision making, and communication skills. Speakers, current events, videos, individual and group projects, field trips, and simulations will be utilized. This course is recommended for any student who is considering a career in Business, Marketing, Sports & Entertainment, or Public Relations.

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

If you are interested in improving a businesses online presence or creating a website for a self project/hobby, this class will provide you with the skills to create and maintain websites and how to integrate graphics, sound, animation and user interaction. Students will use HTML, Javascript, CSS, and other software to create effective and functional websites. Students will use Adobe Creative Suite software, Illustrator and Photoshop to develop digital art. Students will learn how to properly use design elements and principles to enhance the layout of their websites. Students will create a personal portfolio website to showcase their skills for future use. This class provides the opportunities that will help anyone improve their technology skills.



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 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, as well as required daily participation. Each quarter will have performance-based projects: Quarter 1 Monologues/Duos/ Trios and Quarter 2 will culminate in a final whole class play or a film-based project, "The Short". This will be a 10-minute film, written, acted, directed, and produced by students.

Please note: This class may be used towards a 4th year English credit OR towards the Visual/Performing Arts credit.

Humanities: Music

Grades 9 - 12 * Semester Course * Semester 1 - 61465 *
Semester 2 - 61466 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.

Speech

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

Through the use of practical experiences, students will acquire the essential speaking and listening skills so critical in the modern day workplace. Students will work to relieve the anxiety and stress which the average person encounters in public speaking. As a collaborative environment we will learn organizational skills and gain awareness of the relationship between the speaker and the audience. his course stress the areas of public address and interpretation of prose, poetry, and drama. Assignments may include informal speeches, group discussion, oral readings and persuasive speeches.

Technical Communication

Grades 9 - 12 * Semester Course * Semester 1 - 61287;
Semester 2 - 61288 * 1/2 Credit

Engaging and collaborative real-world writing course. Students will learn how to write for practical purposes and design materials that anyone can use! In this project-based course, students will practice verbal and written communication skills needed to be successful in everyday life. Students will build on their prior writing skills and learn how to design communication for practical and specific purposes. Students will demonstrate an understanding of the context in which communication occurs, how to identify and address the needs of an audience, and the methods and strategies for organizing and presenting technical information.

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 - Preschool

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

Preschool Years will focus on children ages 3-5 and will teach students how to provide the care and guidance that can lead to a child's healthy development. The semester course will include topics of growth and development, learning activities, the safety of children, learning through play, Child Development Theorists, eating healthy to grow and thrive, and characteristics of the physical, social, emotional, and intellectual development of toddlers and preschoolers. Not only is this course excellent for any student who hopes to be a parent, but also a "must" for students who plan on careers working with children!

Health Education

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

This course will help students develop the knowledge and skills they need to make healthy decisions that allow them to stay active, safe, and informed. Students will practice the following skills within each unit to maintain lifelong health: decision making, accessing information, analyzing influences, interpersonal communication, self-management, and advocacy. The areas of study include: personal health and wellness, disease prevention, mental/emotional/social health, nutrition and physical activity, alcohol/tobacco/vaping/drugs, resisting pressure, CPR/first aid, relationships, and comprehensive sexual health (anatomy, reproduction, STI'S, HIV/AIDS, contraception).

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

The focus of this course is on essential food preparation skills and practical nutrition for everyday living. By taking this course you'll have the chance to develop essential life skills through a combination of classroom learning and hands-on experiences in the foods lab. Areas of instruction include foundational kitchen skills, nutrition and wellness, and the preparation of proteins, dairy, grains, vegetables, and fruits. Upon completion of this course, you'll be equipped with the knowledge, skills, and culinary-confidence to healthfully and deliciously fuel your body and mind.

Satisfies the VPAA Credit

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.

Housing and Home Furnishings

Grades 9 - 12 * Semester Course * Semester 1 - 69411;
Semester 2 - 69412 * 1/2 Credit

In this creative and interactive course, we will explore interior design and home decor concepts, emphasizing real world applications and career opportunities. We will focus on developing personal style through studying the elements and principles of design, color theory, architecture, decorations and furniture styles, material selection, lighting, floorplanning, design applications, and so much more. We will also cover consumer skills for renting and buying a home, as well as current events, issues, and trends in housing and interior design.

Satisfies the VPAA Credit

Fashion Design and Merchandising

Grades 9 - 12 * Semester Course * Semester 1 - 69413;
Semester 2 - 69414 * 1/2 Credit

This course brings the world of textiles, fashion, and apparel to life through a variety of hands-on projects and experiences. Course topics include the role of fashion in society, consumer decisions, the design process, merchandising and retailing, as well as essential sewing skills. Throughout the semester students will develop practical textile care, repair, alteration, and construction skills, as well as explore related careers.

Satisfies the VPAA Credit



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).

Orchestra I (Symphony)

Grades 9 - 12 * Year Course * - 68210* 1 Credit

Prerequisite: None

The Brighton High School Symphony Orchestra is available to students with experience playing an orchestral string instrument and is designed to enhance the skills learned in Middle School orchestra. This orchestra performs several concerts each year, and students are expected to participate in all outside school events, including rehearsals, festivals, and concerts. Private study is encouraged. A Varsity Letter may be earned in orchestra.

Orchestra II (Philharmonic)

Grades 9 - 12 * Year course - 68220 * 1 Credit

Prerequisite: Audition

The Brighton High School Philharmonic Orchestra is an advanced course for orchestra students. Students will be placed in this class by audition. In this course, students will develop the skills necessary to perform unabridged orchestral works. This orchestra performs several concerts each year, and students are expected to participate in all outside school events, including rehearsals, festivals and concerts. Private study is encouraged. A Varsity Letter may be earned in orchestra.

Treble II

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 Treble 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.

Tenor Bass

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.

Treble I

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

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 2 - 69924 * 1/2 Credit

Prerequisite: Physical Education Readiness

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 2 - 69926 * 1/2 Credit

Prerequisite: Physical Education Readiness

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.

Special Education

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

Basic Resource Room

Grade 9-12 * Semester 1 - 09995; Semester 2 - 009996 * 1 Credit for year long course

This one or two-semester class provides specially designed instruction towards IEP goals and supports students' academic success in general education classes. This course can address a variety of areas including: study skills, time management, self-advocacy skills, organizational techniques, and other individual based academic and social needs. This class is mandated through the IEP Team and will count as an elective credit toward graduation requirements. All instruction is based upon the individualized needs of each student within the class.

Sports Tech

Grades 9 - 11 * Semester Course * Only Semester 2 - 69948 * 1/2 Credit

Prerequisite: Physical Education Readiness

Students will practice sport-specific training methods as well as BFS weight-training system. Instruction will include, but not limited to sport-specific drills, plyometrics, flexibility, speed and agility. Grading will consist of in-class participation, final project, and BFS weight-lifting log.

Focus sports: Football, Volleyball, Cross Country, Cheer, Pom, Golf, Tennis

Aquatics Basics

Grades 9-12 * Semester Course * - 69927 * 1/2 Credit

Prerequisite: Physical Education Readiness , Teacher Approval

This course will focus on the understanding and practice of basic swimming skills and techniques of individual strokes and kicks. Instruction will include, but not be limited to pool & water safety, front crawl, side stroke, elementary backstroke, treading water, and basic lifeguarding techniques. Grading will consist of in-class participation, written/skills tests, and homework/in-class assignments.

BFS Weight Training

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

Prerequisite: Physical Education Readiness

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.

PE



Technology
and Industry



Technology and Industry

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

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. Students enrolled in this course may transition into Automotive Technology I at the start of the second semester pending instructor and counseling approval. Seats are limited.

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 vehicles and perform proper maintenance. Areas of lab work include brake system, fuel and ignition system, suspension system, steering system, and electrical system training. Students enrolled in this course are encouraged to transition to Automotive Technology II for continuation in Automotive Technology. Satisfies the 4th Year Math Credit and/or the VPAA credit requirement and/or the 2nd Year World Language Credit.

Engineering Design Technology 1

Grades 9 - 12 * Semester Course * Semester 1 - 67045;

Semester 2 - 67046 * 1/2 Credit

Course provides students the experience of being an Engineer. Students begin to learn the tools and fundamental principles to prepare for a career in Engineering, utilizing Computer Aided Design (CAD) software, technical drawing sketches and 3-D Printing to show the workflow in creating a prototype or product. Students will learn to design 2D and 3D Parts of common objects from manufactured machine parts to woodworking projects. Topics include multi-view drawings, 3-D solid modeling, section views, sketching and dimensioning of objects. This class is designed for those students interested in the engineering, construction trades, manufacturing or any trade requiring blueprint reading Satisfies Graduation Credit: VPAA, 4th Year Math, Computer Credit and 2nd Year Foreign Language

Engineering Design Technology 2

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

Prerequisite: Engineering Design Technology 1

Course will continue building on the knowledge gained from the Engineering Design Technology 1; topics of study include: advanced solid modeling, assemblies, basic descriptive geometry. Students will present projects that meet industrial standards, utilizing best practices for detail drawing, auxiliary and sectional views, and dimensioning principles. This class will help further prepare students for Engineering College Majors and/or Entry Level Engineering jobs. Satisfies Graduation Credit: VPAA, 4th Year Math, Computer Credit and 2nd Year Foreign Language

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 Technology I

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

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 robots (Stationary and Mobile) where they will use problem solving skills to complete different tasks. Students will learn basic programming skills to provide instructions to the robot on how to complete defined tasks. Students will work to design, build, program and document their robots' inputs/outputs. Mechanical concepts such as gearing/torque/speed/power are introduced. Other topics include motor control, sensors, timing, decision-making, timing sequences, drive trains, actuator and manipulator designs. Satisfies Graduation Credit: VPAA, 4th Year Math, Computer Credit and 2nd Year Foreign Language

Introduction to Machining & Prototyping

Grades 9-12 • Semester Course • Semester 1 - 67013; Semester 2 - 67014 • 1/2 Credit

This course will teach students the principles to operate and maintain Manual Machine Tools and CNC Machines as used in modern industry to prototype components/products. Students will learn the Engineering Design Process to develop and prototype product that will use Safety, measurement and problem solving will be used to complete a variety of projects utilizing a variety of industrial machines, including lathes and mills. A working knowledge of hand and machine tools will be achieved through lectures, demonstrations and hands-on projects. Satisfies Graduation Credit: VPAA, 4th Year Math, Computer Credit and 2nd Year Foreign Language

Industrial Robotics and Integrated Systems

Grades 9-12 • Semester Course • Semester 1 - 67011; Semester 2 - 67012 • 1/2 Credit

This course will present a technician's level understanding of integrated systems. The course will introduce students to the process of designing, creating and maintaining complex information systems utilizing electrical technology, power systems, computer programming and material fabrication, by using an industrial robot system to deliver relevant applications.

Satisfies Graduation Credit: VPAA, 4th Year Math, Computer Credit and 2nd Year Foreign Language

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. Basic computer skills needed to navigate online textbook and accompanying activities.

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. Basic computer skills needed to navigate online textbook and accompanying activities.

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. Basic computer skills needed to navigate online textbook and accompanying activities.

American Sign Language I

Grades 9 - 12, Year Course • 65040 • 1 Credit

This initial-level course is designed to teach basic grammar, vocabulary, cultural, and conversation standards with respect to American Sign Language and its community of users. Both expressive and receptive skills focus on the exchange of personal information, American Sign Language in a school environment, relationships, and effective conversation in the target language. Good attendance and participation are essential.

American Sign Language II

Grades 9 - 12, Year Course • 65240 • 1 Credit

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

This course is designed as a continuation of American Sign Language I and the study of Deaf culture, the Deaf community and Deaf history. Students will further their receptive and expressive vocabulary, ASL discourse skills, and knowledge of American Deaf culture and history. Students will focus on the exchange of information in the target language with regard to travel, socialization within the Deaf community, and ASL storytelling. Good attendance and participation are essential.

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.

