

WELCOME



BUFFALO HIGH SCHOOL

877 BISON BLVD, BUFFALO, MN 55313



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A LETTER FROM MR. MISCHKE

Welcome to Buffalo High School and the start of your high school journey! As you enter the 2026–27 school year, we’re excited for all the opportunities ahead—new classes to explore, new friendships to build, and new experiences that will help shape who you become. While our building continues to undergo improvements through bond projects, our main focus remains the same: ensuring each student feels valued, supported, and connected to our school community.

Our *BHS Mission* drives everything we do: *In partnership with our families and community, Buffalo High School prepares each student for a successful future. In an academically rigorous and supportive environment, we prioritize learning, equity, and meaningful relationships.*

We center our work around *four core values* that help guide our school culture:
Be Kind • Be Proud • Be Driven • Be Leaders

Rigorous Academics
Students develop academic skills and can successfully complete rigorous college and career preparatory curriculum and experiences.

Opportunity Knowledge
Students research opportunities, set goals, make choices that support their long-term aspirations, and successfully navigate to the next level.

Student Agency
Students believe in themselves and act intentionally to build relationships, persist through obstacles, and activate their academic, social, emotional, and professional knowledge and skills to reach their potential.

We also continue to develop the district-wide *BHM Portrait of a Graduate*, which ensures every student gains the essential skills needed for success in life beyond high school—no matter which path you choose.



Mr. Mischke
BHS Principal

High school is a time to explore interests, discover strengths, and prepare for your future. BHS offers a wide range of classes and programs to help you do exactly that. As you build your schedule, consider classes that spark your curiosity and support your goals.

As we finalize our building upgrades, we appreciate your patience and will share updates as spaces become available. We’re thrilled to welcome you to BHS and look forward to partnering with you throughout your high school experience.

Here’s to a great year ahead at Buffalo High School!

A LETTER FROM MR. GUIDA

Hey 9th Graders,

Welcome to **Buffalo High School!** We're excited to have you join a school community where we support each other, push each other, and take pride in growing together. At Buffalo High, we believe we're stronger as one — and that starts with getting involved.

Being part of **B1 Bison activities** isn't just about joining a sport, fine arts, or club. It's about embracing the values that make our community come alive:



- **Participation** - Show up, try new things, and get involved in opportunities that spark your interest.
- **Responsibility** - Commit to your team or group, manage your time well, and follow through on what you start.
- **Teamwork** - Collaborate with others, support your peers, and celebrate everyone's success.
- **School Spirit** - Cheer on your classmates, show pride in our school, and help create a positive, inclusive community.

These values guide everything we do — on the stage, on the field, in the classroom, and in the stands. No matter where you show up, you help shape what it means to be B1 Bison.

You'll also be joining the **Lake Conference**, one of Minnesota's premier high school activity and athletic conferences. This means you'll have the chance to compete, perform, and grow alongside some of the state's most spirited and talented students. From academics and arts to clubs and athletics, the Lake Conference connects you with a community that values excellence, teamwork, and pride. Being part of it means stepping into a tradition of achievement and school spirit that will challenge you, support you, and help you discover your strengths throughout your high school journey.

So dive in, find your place, and be part of something bigger. We can't wait to see what you'll bring to Bison Nation.

Here's to a great start to your high school career — and an unforgettable four years ahead.

Go Bison!



Mr. Guida

BHS Activities Director

A LETTER FROM YOUR SCHOOL COUNSELORS

Welcome to BHS!

As your High School Counselors we will be part of your team from before you step into our building until you earn your Buffalo High School diploma. We are available to support you throughout the entirety of your **academic** journey; this includes selecting courses in both interest and stretch areas to assist in 4-year academic planning to set you up for success well after your time here at BHS. We are ready to help you become **college or career** ready upon graduation. This is achieved by helping you in identifying your areas of interest and establishing goals for your future. We are available for any **social/emotional** counseling that you may request along the way.

Some opportunities you'll have at BHS include:

- College in the Schools Courses — We have 35+ courses through multiple partner colleges, offering up to 120 free college credits
- Career and Technical Education (CTE) classes that build real-world, hands-on skills
- Bison Online — online courses designed to offer flexible learning for students who thrive in flexible settings
- Peer Coaching
- Partnering in one of our many Unified classes
- Joining a B1 Bison activity
- Becoming a B1 Leader
- Participating in post-high school exploration events
 - Apprenticeship
 - College
 - Military
 - Workforce



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DEFINITION OF TERMS

AP (Advanced Placement) - AP courses are classes that are taught in alignment with a corresponding AP Exam. Upon completion of the course, students have the option to take the AP Exam. To earn college credit a student typically needs to score of 3, 4, or 5 on the exam.

AVID (Advancement Via Individual Determination) - AVID is a college and career readiness program designed to help students develop the skills they need to succeed in school and beyond. Students have to apply and to be accepted to join the program.

Bison Online - BHS offers a fully asynchronous, online option for students who would like to attend full-time or part-time online. Students in Bison Online are full-time BHS students.

Career Pathway - Many of our elective courses are aligned with broad career fields. Students are encouraged to reflect on their potential career options and choose courses that will allow them to explore the skills and interests related to this career field.

CIS (College-in-the-Schools) - Students can take concurrent enrollment classes, which earn both high school and college credit. These courses are taught by BHS teachers, but students are also enrolled with the partnering college. All classes are taught at BHS and are tuition free.

Credit - All one-trimester courses are assigned 0.5 credits toward graduation. A typical "year-long" class is two trimesters and will be worth 1.0 credits.

Hybrid - All hybrid classes have a mixture of in-person and off-site learning. For example, a student may have class scheduled for 3 days per week, and be able to leave campus for the other 2 days, if they are demonstrating success in the course.

PSEO (Post-Secondary Education Option) - This program is for eligible 10th-12th grade students to apply to a Minnesota College/University take college level courses. These courses are not Buffalo High School courses and are subject to policies of each college/university.

WTC (Wright Tech Center) - Located in Buffalo, the Wright Tech Center allows a limited number of juniors and seniors to participate in their career and technical education courses. These courses are year-long and are taught by Wright Tech Center staff.

BHS Daily Schedule

Buffalo High School operates on a trimester schedule. A student takes the same five classes per day for 13 weeks. Students can earn .5 credit for each class that they pass during the trimester for a total of 2.5 credits. Year-long classes may be split between trimesters 1 & 3.



1st Period - 8:50-9:53
2nd Period - 9:58-11:01
Advisory/BASE - 11:06-11:31
3rd Period (lunch) - 11:36-1:09
A Lunch: 11:31-12:01
B Lunch: 11:56-12:26
C Lunch: 12:20-12:50
D Lunch: 12:44-1:14
4th Period - 1:14-2:17
5th Period - 2:22-3:25

Advisory - All student participate in a 2x per week (Monday & Friday) advisory experience. Students are assigned to the same advisory for their entire time at BHS. The purpose of Advisory is to create a community environment of learners where students and staff experience belonging, foster healthy relationships, develop academic skills, and enhance school culture.

BASE (Bison Academic Support and Enrichment) is a 25 minute period offered 3 days per week (Tuesday-Thursday). This time is intended for student to connect with teachers for additional academic support or participate in academic opportunities of choice. Teachers can assign students or student can self-assign to a specific BASE.

Lunch - Our lunches include all grades. The lunch that you eat depends on what class you have for 3rd hour. Lunches may change each trimester and student's are not able to request a specific lunch.

PLANNING FOR GRADUATION

Class of 2030 Graduation Requirements 	
English (4.0 Credits)	English 9, English 10, English Lit & Comp., English Elective
Math (3.0 Credits)	Intermediate Algebra, Geometry, Algebra 2
Science (3.0 Credits)	Earth Science, Biology, Chemistry or Physics
Social Studies (3.5 Credits)	Human Geography, US History, World History, Economics, Government & Citizenship
Business (0.5 Credits)	Personal Finance
Fine Arts (1.0 Credits)	All Art & Music Courses, See reg guide for more options
Phys. Ed./Health (1.5 Credits)	PE 9, PE 10, Health 10
Electives (11+ Credits)	Your choice of courses that support your interests and goals
Total Required Credits 	27.5 credits

COLLEGE ADMISSION RECOMMENDATIONS

1 credit=2 trimesters	2-Year or Technical College	Traditional 4-Year College	Selective 4-Year College
English	4 cr.	4 cr.	4 cr.+
Math	3 cr.	3-4 cr.	4 cr.+
Science	3 cr.	3-4 cr.	4 cr.+
Social Studies	3.5 cr.	3.5 cr.	3.5 cr.+
World Language	Not Required	Completion Level 2	Completion Level 3+
The Arts	1 cr.	1 cr.	1-2 cr.+

AM I TAKING WHAT I NEED?

Different types of colleges have unique academic requirements. See your counselor for more details.



[BHS Registration Info](#)

COURSE SELECTION



LOOK FOR THESE ICONS WHEN MAKING YOUR PLAN



Advanced Placement (AP)
College Credit Opportunity



College in the Schools (CIS)
College Credit Opportunity



NCAA Approved



Fine Arts Credit



College & Career Readiness Courses



Use the QR Code to explore more about Career Pathways @ BHS

TIPS FOR SELECTING COURSES

- Review the graduation requirements for your class year.
- Consider a four-year plan that keeps future options open.
- Choose classes that match your interests, goals, and potential careers.
- Check prerequisites and aim for a balanced schedule with both engaging and challenging courses.
- Choose your classes carefully. Don't hesitate to reach out with questions as you make decisions about your schedule.

SCHEDULE CHANGE POLICY

Yes:

- The student does not have the prerequisite(s)
- The student failed a class
- There is an obvious error (two classes at the same time)
- To add a class that is needed to graduate
- The schedule is unbalanced
 - Open/Empty class period within a student's schedule

No:

- Request a specific teacher
- Request a specific trimester or class period
- Change lunch periods
- Have a class or lunch with a friend
- Leave to attend school or non-school sanctioned activities

All schedule changes must be completed by the end of the student's school day on the 2nd day of the term in which the class is scheduled for.

AGRICULTURE

Intro to Agriculture

Grade Level: 9-10 **Terms:** 1



Description: The exploding world of agriculture is examined in this introductory class. “Learning by Doing” activities will provide exposure to various areas of agriculture. Areas to be covered include careers, FFA, SAE’s, plant science, horticulture, animal science, outdoor recreation, and natural resources. A special focus of this class is your importance and personal involvement in America’s #1 industry.

CIS Landscaping

Grade Level: 9-12 **Terms:** 1



Description: This course is designed to introduce students to the diverse field of plants and landscaping. Students will spend ½ the class period outdoors building retaining walls, patios, and general landscape activities. Other topics covered include: plant anatomy, propagation, reproduction, flowers, vegetables, trees, shrubs, surveying, lawn ornaments, landscape design and career opportunities as they relate to the floral, landscaping, and golf course industries. Students will design a golf course and spend time working with plants in a greenhouse. **Upon successful completion of the course, students who are eligible for college credit will earn 2 credits from Hennepin Technical College. (See CIS table for eligibility).**

Animal Science

Grade Level: 9-12 **Terms:** 1



Description: This course is an introduction to the production and care of domestic animals. Primary species that will be studied include beef, sheep, hogs, dairy cows, and horses. Time will also be spent studying alternative animals such as bees, llamas, and others. This course is intended for any student interested in veterinary medicine, livestock production, hobby farms, and related industries. Topics will include the importance of animals, selection, nutrition, reproduction, behavior, training, showing, processing, and marketing. *Meets the University of Minnesota science entrance requirement. One of 2 courses required to receive college credit at selected Minnesota Community Colleges.

Companion Animal Science

Grade Level: 9-12 **Terms:** 1



Description: This course focuses on the multi-billion dollar companion animal industry, which includes the study of dogs, cats, horses, fish, birds and exotic animals. Topics include selection, breeding, reproduction, nutrition, health, behavior, training, showing, and animal welfare. This is a wonderful class for students interested in careers such as veterinary medicine, training, sales, or research. It also fits the needs of pet owners. Students can compete in judging contests, science fairs, and awards programs. Students will conduct research and communicate findings on a controversial topic. *This course meets the University of Minnesota science entrance requirement. One of 2 courses required to receive college credit at selected Minnesota Community Colleges.

Horse Science and Management

Grade Level: 9-12 **Terms:** 1



Description: This class will deal specifically with topics of equine science and management including: safety, handling, grooming, training, biology, care, behavior, diseases, nutrition, identification, judging, and marketing. Whether you have a horse or not, this class is for you. All you need is a genuine interest in animals.

Future Course Options

- ★ Agricultural Construction
- ★ Natural Resources / Wildlife Management
- ★ Veterinary Science
- ★ CIS Animal Science

Art Foundations**Grade Level:** 9-12 **Terms:** 1

Description: Students will learn about the art elements and principles of design and apply these concepts to their own studio experience. Students will gain a better understanding of artists and their artworks. The experience allows students to work with a broad range of art materials including clay, acrylic paint, plaster, scratch board, and drawing tools.

Drawing 1**Grade Level:** 9-12 **Terms:** 1

Description: Students in the class learn drawing and composition skills. We will use graphite and colored pencil, oil pastel, permanent marker, and pen to create artwork inspired by the world around us, other artists, and our own imagination. Students draw from real life and photographs. Various artists are studied for inspiration.

Painting 1**Grade Level:** 9-12 **Terms:** 1

Description: Students in Painting 1 experiment with a variety of painting media and subject matter. We will create an acrylic painting that is focused /zoomed in subject matter, pointillism in acrylic and a watercolor series. Artists and their design styles will be used as inspiration for each project.

Ceramics & Sculpture 1**Grade Level:** 9-12 **Terms:** 1

Description: For inspiration, students will study specific artists and art styles. Students will use the Principles of Art that are taught in Art Foundations in a variety of problem solving sculpture assignments. The students will gain knowledge of the technical processes involved with each material including throwing on the pottery wheel.

Future Course Options

- ★ Drawing 2
- ★ Painting 2
- ★ Ceramics 2
- ★ Ceramics 3

AVID 9**Grade Level:** 9 **Terms:** 1

Description: The focus on AVID 9 is developing academic and personal goals and adjusting to the high school setting. Students will work in collaborative settings, learning how to participate in discussions and use sources to support their ideas and opinions. They will refine their study skills and test-taking, note-taking, and research techniques. Students will also participate in college field trips and guest speaker presentations. They will begin building their knowledge of colleges and careers of interest.

AVID Extension**Grade Level:** 9-12 **Terms:** 1**Prerequisites:** Must be currently enrolled in AVID Elective

Description: This optional course is for current AVID students and is to be taken during the trimester when they are not in the required two trimesters of the AVID Elective. Students will continue to receive support with organization, time management, and their courses through tutorials/collaborative study groups, as well as exploring areas such as leadership and community service.

Future Course Options

- ★ AVID 10
- ★ AVID 11
- ★ AVID 12

BUSINESS

Intro to Business

Grade Level: 9-12 Terms: 1



Description: In Intro to Business students will be introduced to each of the many important and exciting facets of business practice – from Management to Entrepreneurship to Marketing. Students will take a look at business in a changing world by exploring and analyzing current trends in companies like Apple, Nike, Target, and Amazon. The course is designed to help students determine their interest level in business and to gain an insight to various career opportunities. As an additional activity, students may have the opportunity to manage their own computer simulated business (Virtual Business).

College & Career Exploration

Grade Level: 9-12 Terms: 1



Description: In College & Career Exploration students will have the opportunity to explore and research their options for after high school. Students will evaluate career choices within the MN Career Framework, explore post-secondary options (2 and 4-year college, apprenticeships, military). Using the MCIS software program as a main resource, students will become familiar with their personal interest pattern, assess their abilities and begin to identify their life experiences and personal values.

Computer Applications

Grade Level: 9-12 Terms: 1



Description: Students will explore computer skills and applications needed on a personal, school/college, and career level. The focus of this course is to provide knowledge and skills associated with Microsoft Office (Word, PowerPoint, Excel) and the Google Apps (Docs, Slides, Sheets). Students will have the opportunity to create various projects that highlight the uses of both programs.

Digital & Graphic Design

Grade Level: 9-12 Terms: 1



Description: This course will introduce students to the technical, artistic, and conceptual principles of graphic design. Areas of study include elements of design, technical software skills, layout principles, structure, and style. Students will use this knowledge of principles to create original graphic art products using both technical skill and artistic principles utilizing Photoshop, Photography, and Illustrator.

Future Course Options

- ★ Marketing
- ★ Sports & Entertainment Marketing
- ★ CIS Business
- ★ CIS Entrepreneurship
- ★ Accounting
- ★ CIS College & Career Prep
- ★ CIS College Academic Prep
- ★ Personal Finance
- ★ CIS Personal Finance
- ★ Law & Order

ENGLISH

English 9

Grade Level: 9-12 Terms: 1



Description: English 9 helps students improve their comprehension of fiction and non-fiction texts and develop reading strategies they can apply to courses throughout their high school experience. Writing includes practice in narration and exposition, helping students to create original claims and develop support for their ideas. Students will also deepen their understanding of the writing process. Collaboration and discussion engage students in inquiry and build critical thinking skills.

Acting

Grade Level: 9-12 Terms: 1



Description: Acting is about life. Humans have forever told each other stories, have connected through words and actions, have worked together creatively, and have reflected on the past. **This is an energetic, hands-on, project-based class, participation is crucial & required.**

A highly physical course, students are introduced to essential elements of live performance. These acting elements include games, movement, memorization, character, ensemble collaboration and story development. Students will collaborate, create, communicate and problem solve throughout the quarter and build skills to perform an original physical storytelling project for an outside audience.

English Grammar & Usage

Grade Level: 9-12 Terms: 1



Description: English Grammar and Usage is a rigorous examination of the underlying structures and guiding principles of language and writing. Students are required to demonstrate proficiency through leveled daily assignments, weekly spelling exams, mid-term and final exams. Student baseline skills are assessed; subsequent coursework addresses skill deficiencies and usage issues, which prohibit or mar effective writing. Course content includes the most test areas on the ACT English test, including but not limited to sentence formulas; phrase and clause; identification, recognition and use of modifiers; and punctuation control. *This course is highly recommended for those students intending on taking the ACT exam.*

Debate

Grade Level: 9-12 Terms: 1



Description: Step into the exciting world of debate, where your voice becomes your most powerful tool! In this thought-provoking class, you'll tackle today's most pressing issues, sharpen your critical thinking and research skills, and learn to speak with confidence and precision. Dive into the fast-paced world of argumentation as we explore how to build rock-solid persuasive speeches, counter arguments on the fly, and deliver speeches that captivate any audience. This isn't just about talking; it's about mastering research, strategy, and teamwork. You'll engage in lively debates with your classmates, break down complex topics, and push yourself to think smarter and speak bolder. This is a great way to prepare for the CIS Introduction to Public Speaking course.

Journalism

Grade Level: 9-12 Terms: 2



Description: Journalism is a writing workshop that supports the newspaper at Buffalo High School and beyond. The majority of the class-time is based on writing projects including news, features, documentaries, sports, investigative, and editorial writing – with an emphasis on conducting interviews and publication. Other writing assignments include creative writing and technical writing. To improve writing, students are also asked to develop an independent reading program and keep a journal.

Future Course Options

- ★ English 10
- ★ English Lit & Comp
- ★ World Literature
- ★ CIS Intro to Literature
- ★ Creative Writing
- ★ College Prep Writing & Critical Reading
- ★ CIS Writing & Critical Reading
- ★ Speech Communications
- ★ CIS Intro to Public Speaking
- ★ Publications Writing (Yearbook)

FAMILY & CONSUMER SCIENCES

commonly referred to as FCS

Fundamentals of Food Preparation



Grade Level: 9-12 **Terms:** 1

Description: Lost in the kitchen? Do you want to be able to pick up a recipe and make it, but don't know if you are doing it correctly? Then this class is for you! Students will gain knowledge of the kitchen, its equipment and how to follow a recipe. We'll explore service industry careers and learn the many avenues a culinary-based career could take you!

Culinary Foods



Grade Level: 9-12 **Terms:** 1

Prerequisites: Fundamentals of Food Preparation

Description: Culinary Foods provides students with a firm foundation in basic food preparation. Industry safety and sanitation standards are stressed with all food labs. Students will begin to develop their culinary knowledge and the practical skills needed to work in the home kitchen and beyond. This course is designed to be interactive, student centered, collaborative, cooperative, and relevant.

Baking & Pastry



Grade Level: 9-12 **Terms:** 1

Prerequisites: Fundamentals of Food Preparation

Description: In Baking & Pastry Arts you will learn some of the foundations and skills necessary to create beautiful cakes, cookies, and pastries. Students will continue to apply industry level safety and sanitation standards while learning preparation techniques and principles used in baking to prepare a wide array of baked goods, pastries, and confections.

Human Development:

Prenatal - Toddler



Grade Level: 9-12 **Terms:** 1

Description: In this class students study the physical, intellectual, social, and emotional development of a child from conception to age 3. Topics include development theories, conception, prenatal development, labor & birth, infant and toddler development and families/parenting. This class is a basic foundation course for any student wanting to pursue a career working with children in any capacity and is a great stepping stone to the Child Development course.

Child Development: Pre-K - Teen



Grade Level: 9-12 **Terms:** 1

Prerequisites: Human Development: Prenatal-Toddler recommended, not required

Description: This course is designed for students who are interested in the development of children from preschool through high school, as well as those who may want to choose a career working with children, especially from an educational standpoint. In this course you will focus on the physical, social, emotional and intellectual development of a child from ages 3 to 18. This is a great companion course to Human Development: Prenatal through Toddlerhood, which is recommended prior but not required for this course.

Textile Design



Grade Level: 9-12 **Terms:** 1

Description: Unlock your creativity and master the art of sewing in this hands-on course! Whether you're a complete beginner or looking to sharpen your skills, you'll gain confidence in using a sewing machine while exploring the fascinating world of fabrics and fibers. Discover how to choose the right materials for your projects and learn essential techniques for pattern layout and fabric cutting. By the end of the course, you'll not only have practical skills but also a portfolio of completed works to celebrate your achievements.

Project materials are provided by the student.

Fashion Design



Grade Level: 9-12 **Terms:** 1

Description: Step into the vibrant world of fashion design in this comprehensive course! Discover the essential elements and principles of design and how to apply them creatively to clothing and fashion. Explore the fascinating realm of fibers and fabrics, learning how to choose the perfect materials for your apparel projects. Delve into the rich history of fashion and gain skills in analyzing vintage styles, which will inspire your own designs. You'll also explore various career paths in the fashion industry, equipping you with insights for your future. Plus, enhance your consumer awareness with tips on clothing selection and care. **Project materials are provided by the student.**

MATH

Intermediate Algebra

Grade Level: 9-10 Terms: 2



Description: Intermediate Algebra is designed for students who wish to deepen and extend the concepts of Algebra. Topics from Algebra 2 and Geometry will be introduced.

Geometry

Grade Level: 9-12 Terms: 2



Prerequisites: Intermediate Algebra: Teacher Recommendation

Description: This course will look at the relationships between points, lines and planes in spatial and plane geometry as well as coordinate geometry. Learning deductive reasoning with the use of postulates and theorems will be the main focus of the first term. Properties of polygons, transformations, similarity, right triangles, area, and volume will be topics for study in the second term.

Intro to Computer

Programming

Grade Level: 9-12 Terms: 1



Description: In this class, students will learn the basics of computer programming with the Java programming language. Students do not need to have any prior programming experience for this class. Students will be introduced to topics such as problem-solving, algorithms, object-oriented design, primitive data and objects, arrays, designing classes and methods, and graphics.

Algebra 2

Grade Level: 9-12 Terms: 2



Prerequisites: Geometry

Description: This course combines knowledge from first-year algebra and geometry with new concepts involving practical life situations and beginning work on the graphing calculator. Topics to be covered include: solving equations and inequalities, systems of equations and inequalities, functions, graphing, exponents, complex numbers, polynomial functions, rational expressions, probability, and statistics.

Future Course Options

- ★ Algebra 3 with Trig
- ★ CIS College Algebra
- ★ Pre-Calculus
- ★ Trigonometry
- ★ AP Calculus AB
- ★ AP Calculus BC
- ★ Statistics
- ★ CIS Statistics
- ★ AP Computer Science A
- ★ Financial Algebra
- ★ CIS Math for the Trades

MUSIC

Soprano Alto / Mixed Repertory Choir



Grade Level: 9-12 **Terms:** 3

Description: All 9th grade Tenor & Bass choir students will register for Tenor Bass Repertory Choir. Tenors & Basses in grades 10-12 who are not placed in Varsity or Concert Choir also enroll in this course. Students will have class every day for the full year, and will sing in three concerts across the school year. We will rehearse and perform a variety of choral and vocal music styles. Emphasis in this class is placed on skill development in practice and performance, the study of basic music theory, and vocal development. Both Soprano Alto and Tenor Bass Repertory Choirs will rehearse and perform together as a mixed choir during Trimester 3. All choir students will have the opportunity to sing in festivals, audition for optional ensembles, and experience a variety of performance opportunities.

Tenor Bass / Mixed Repertory Choir



Grade Level: 9-12 **Terms:** 3

Description: All 9th grade Tenor & Bass choir students will register for Tenor Bass Repertory Choir. Tenors & Basses in grades 10-12 who are not placed in Varsity or Concert Choir also enroll in this course. Students will have class every day for the full year, and will sing in three concerts across the school year. We will rehearse and perform a variety of choral and vocal music styles. Emphasis in this class is placed on skill development in practice and performance, the study of basic music theory, and vocal development. Both Soprano Alto and Tenor Bass Repertory Choirs will rehearse and perform together as a mixed choir during Trimester 3. All choir students will have the opportunity to sing in festivals, audition for optional ensembles, and experience a variety of performance opportunities.

Music Production



Grade Level: 9-12 **Terms:** 1

Description: This class is an introduction to the many processes that go on behind the scenes when producing music. In this hands-on, project-based class, students will learn how to use a digital audio workstation (DAW) to mix, quantize, equalize, pan, compress, and tune various music and sounds as well as some microphone and recording basics.

Repertory Band



Grade Level: 9-12 **Terms:** 3

Prerequisites: Completion of 8th grade band or teacher approval

Description: All 9th grade band students will register for Repertory Band, as well as those in grades 10-12 who are not placed in Varsity or Concert Band. The band will meet every day for the full year. These students will have the opportunity to play in three concerts and to play in summer marching band, winter drumline, pep bands, & jazz ensembles. They will also perform in several concerts.

Repertory Orchestra



Grade Level: 9-12 **Terms:** 3

Prerequisites: Completion of 8th grade orchestra or teacher approval

Description: All 9th grade orchestra students, and those in grades 10-12 who are not placed in Varsity or Concert Orchestra, will register for Repertory Orchestra. Students will continue to expand on their previously acquired skills and knowledge such as independent tuning, musical interpretation, shifting, bowing technique, and leadership. The orchestra will meet every day for the full year. These students will have the opportunity to play in three concerts and to play in Chamber Strings II.

Future Course Options

- ★ Varsity Band
- ★ CIS Concert Band
- ★ Varsity Orchestra
- ★ Concert Orchestra
- ★ Varsity Choir
- ★ CIS Concert Choir
- ★ CIS Music Theory and History

PHYSICAL EDUCATION & HEALTH

commonly referred to as PE

PE 9

Grade Level: 9 **Terms:** 3

Description: The 9th Grade Physical Education course focuses on building a foundation for lifelong health and physical activity. Students will engage in activities that enhance cardiovascular fitness, strength, flexibility, and endurance. The course includes an introduction to the weight room, emphasizing safe and effective use of equipment and resistance training. Skill development is also a key component, helping students improve teamwork, strategy, and decision-making in athletics. By exploring various fitness activities, students will gain confidence in their abilities and learn how to maintain a healthy, active lifestyle. This course promotes both physical growth and a deeper understanding of personal fitness.

9th / 10th Competitive Team Sports

Grade Level: 9-10 **Terms:**

Description: This course is an elective course for 9th and 10th grade students and will not replace the 9th and/or 10th grade Physical Education requirement. This class will allow students to learn how to work together as a team, learn rules and etiquette of team and individual activities as well as good sportsmanship. Competitive play/participation as well as heart rate monitors will be the basis of assessment for this course.

Strength & Conditioning 1

Grade Level: 9-12 **Terms:** 3

Description: Strength and Conditioning is a dynamic course designed to enhance strength, speed, agility, change of direction and athleticism for students at all levels. Through a structured program of resistance training, plyometrics, speed and agility drills, students will improve their physical performance and build foundational skills for athletic success. This course emphasizes proper technique, injury prevention, and the development of personalized fitness goals. Whether you're an athlete or someone seeking to elevate your personal fitness, this course offers valuable tools and insights for all.



Strength & Conditioning 2

Grade Level: 9-12 **Terms:** 1

Prerequisite: Pass Strength & Conditioning 1

Description: Strength and Conditioning 2 builds off of previous knowledge by implementing similar training protocols and techniques. Students will be improving strength, speed, agility, change of direction and athleticism through various exercises and training techniques. Students will be able to complete the out of season training program along with acceleration and speed training twice a week. This course offers athletes to complete training during the school day and other students to improve their overall health and physical performance.



Net Games 1

Grade Level: 9-10 **Terms:** 1

Description: Net Games 1 and 2 will give students the opportunity to work individually and as part of a team during physical education class. These two courses will also allow students to learn the basics and expand their knowledge on lifelong recreational activities (NASPE Standards 1,2,3,5). Net Games 1 will focus on developing skills and game play.

Future Course Options

- ★ PE 10
- ★ PE 10 Hybrid
- ★ PE 11/12 Hybrid
- ★ Competitive Team Sports
- ★ Indoor / Outdoor Recreation
- ★ Net Games 2
- ★ Officiating & Coaching
- ★ Mind & Body Connection
- ★ Health 10
- ★ Current Health Trends
- ★ CIS Exercise Physiology

SCIENCE

GENERAL

Earth Science 9

Grade Level: 9 Terms: 2



Description: Science 9 is a two-term earth science course in which students are introduced to basic concepts in earth science. This course provides hands-on activities in the laboratory and opportunities for problem solving. Topics covered in this course include: geomorphology, weathering, water; atmosphere, oceans, natural resources; climate, space, stars. This course is a fundamental class that is required before taking other courses of study in Science.

Chem X

Grade Level: 9-11 Terms: 1



Prerequisites: Successful completion or concurrent enrollment in Geometry B

Description: This course is a ½ credit higher paced introductory Chemistry course for students who plan to take CIS Chemistry and/or AP Biology. Topics studied will be atomic and molecular structure, bonding, writing and balancing chemical reactions, stoichiometry, and acid/base reactions. Much of the course will be based on lab investigations. This course meets *half* of the MN state graduation requirements for 1 credit in chemistry or physics.

Future Course Options

- ★ Biology
- ★ Wildlife Biology
- ★ CIS Biology
- ★ CIS Environmental Science
- ★ CIS Human Anatomy
- ★ Chemistry
- ★ Physics
- ★ CIS Physics
- ★ Astronomy
- ★ Forensics
- ★ Food Science

Future Course Options

- ★ CIS Intro to Education
- ★ CIS Creative Problem Solving
- ★ Peer Coaches
- ★ Unified Agriculture Partner
- ★ Unified Companion Animal Science Partner
- ★ Unified Stage Acting Partner
- ★ Unified Home Living Partner
- ★ Unified Music Partner
- ★ Unified Physical Education Partner
- ★ Unified Pre-Employment Partner
- ★ Unified Science Partner
- ★ On The Job Training (OJT)

SOCIAL STUDIES

Human Geography

Grade Level: 9-12 **Terms:** 1



Description: Students will explore the world and its people through geography. Students will understand places and regions, recognizing how power structures shape their characteristics. They will analyze human systems, examining patterns of movement and interconnectedness within cultural, economic, and political systems on local and global scales. Additionally, students will evaluate human-environment interaction, exploring the relationship between humans and the environment, including the impact of climate change. Lastly, they will investigate culture and its influence on a sense of place, gaining insight into how different cultural perspectives shape our world. Through engaging activities and discussions, students will gain a deeper understanding of the world and develop critical thinking skills to become informed global citizens.

AP Human Geography

Grade Level: 9-12 **Terms:** 2



Prerequisites: B+ or higher in English 8 and Social Studies 8

Description: AP Human Geography introduces students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine socioeconomic organization and its environmental consequences. They also learn about the methods and tools geographers use in their research and applications. The curriculum reflects the goals of the National Geography Standards (2012). The course is equivalent to an introductory college-level course in human geography.

Current Events

Grade Level: 9-12 **Terms:** 1



Description: This course will be a reading and writing intensive course where students will be challenged to investigate, analyze, and interpret events, issues, and controversies that our country faces on a daily basis. Students will participate in debates, mock cabinet meetings, and news broadcasts to gain a deeper understanding of how daily events and broader issues impact our shared society which will help them grow into engaged and informed future citizens.

Minnesota History

Grade Level: 9-10 **Terms:** 1



Description: Designed as a one term elective for 9th and 10th grade students, Minnesota History explores the geography, history, politics and ethnic culture of our state. We will look at the origins of the fur trade and the treatment of Indigenous People. We will study the Three Frontiers of our state which are lumbering, farming and mining. As a class we will explore

the 87 counties. There is also a book we will use to explore the Boundary Waters Canoe Area and the history of this beautiful region. We will use a variety of resources to gather our information including the Minnesota Historical Society website. We will use readings, maps, puzzles and videos to reinforce our learning.

World Religions

Grade Level: 9-12 **Terms:** 1



Description: Ever wonder what karma, nirvana, yin and yang, jihad, kosher, and the holy trinity really are? What do they have in common? Find out in this class! This class provides an introduction to some of the world's major religions. Some religions might be familiar, some strange and some you may never have heard about. Students direct much of the specific content. Readings, speakers from the various traditions, and class discussions will be used to explore questions common to the human experience. We will also take a field trip to significant locations to various religions in the metro area. This course will teach the history and practices *about* the major religions of the world, not promote or celebrate one religion over another. Join this course and learn about the diverse spiritual path's humanity has taken.

History Through Film

Grade Level: 9-12 **Terms:** 1



Description: Lights, camera, history! Students will dive into the past through the lens of cinema. We will explore different historical topics as we dissect films based on true stories. Along the way, we'll dig deeper with primary sources that relate to each film and engage in film circle discussions. Students will demonstrate their new skills with a midterm film analysis paper and an original final film pitch project. By examining historical films students will not only gain a deeper appreciation for the magic of cinema but also develop the skills needed for future college film course electives.

Future Course Options

- ★ US History
- ★ CIS US History
- ★ World History
- ★ CIS World History
- ★ Government & Citizenship
- ★ CIS American Government
- ★ CIS Intro to Psychology
- ★ CIS Intro to Sociology
- ★ CIS Intro to Psychology
- ★ Social Issues & Diversity
- ★ Psychology A
- ★ Psychology B
- ★ Economics
- ★ CIS Economics

TECHNOLOGY EDUCATION

commonly referred to as Tech Ed

Energy Power Transportation

Grade Level: 9-12 **Terms:** 1

Description: MORE POWER! This class explores the technical processes, applications, and impacts of energy and power. You will also learn about the four main classes of transportation (land, air, water, space). Some of the activities included are solar cars, rockets, powerboats, sailboats, gliders, and CO₂ dragsters.

Automotive

Engineering & Design

Grade Level: 9-12 **Terms:** 1

Description: START YOUR ENGINES! Do you want to learn more about America's fastest growing sport of auto racing? This is the class for you. This class will teach you that racing is more than a bunch of cars going around in a circle. You will follow the design and mechanics of a racecar from behind the pit-walls to the checkered flag at the finish line.

Intro to CAD

(Computer Aided Drafting)

Grade Level: 9-12 **Terms:** 1

Description: This class is designed to expose students to a variety of design and drafting techniques utilizing the computer. Emphasis is placed on the design process with respect to the areas of mechanical and architectural designs. Students also participate in a group activity in which they produce a model using the laser cutter.

Competitive Engineering 1

Grade Level: 9-12 **Terms:** 1

Description: This class is for students who are creative, thinking about becoming engineers, or like to work with their hands. Students have to find creative solutions to problems they're given in class. Students will compete directly with classmates to see who developed the best solution to the given problem. Examples of problems are catching eggs using only cardboard and duct tape, building a catapult, and making a "wire racer". If it sounds fun and interesting...

it is! Students will follow a research and development process for solving the problems. Students keep a daily journal but do **not** write research papers.

Technology Exploration

Grade Level: 9-12 **Terms:** 1 or 2

Description: This class, in which you explore a wide variety of technologies, is freshly updated with new equipment and curriculum. The class offers students hands on opportunities to design and create a variety of projects including vinyl decals, videos/animations, 3d printed designs, robots, t-shirts, and more.

Technologies included are: Computer Graphics, Digital Photography, CNC Machining, Computer Animation, Digital Video, Digital Audio, Electronics Kits, Robotics, CAD/3D Modeling, 3D printing, Laser Engraving, Vinyl Cutting, and Bridge Design/Construction. Students also complete technological for problem-solving/design projects during the course. This class is designed to allow students to take it for two terms in the same year or different years. **Please note:** There will be some fees charged for materials.

Electricity / Electronics

Grade Level: 9-12 **Terms:** 1

Description: In this course you will be given a chance to explore the world of electronics. If you have ever taken apart something electronic and asked yourself, "How does this work?", this is the class for you. The class will work on all types of electrical circuits, from simple series circuits to higher end combination circuits. This class will involve the use of some algebra. Once all the circuit work is done, it's time to construct electronic devices including electric motors and speakers. Students will also complete a variety of experiments using soldering and electronic kits.

Wood Technology

Grade Level: 9-12 **Terms:** 1

Description: No experience is necessary to apply! Students will build one of two pre-assigned projects developed by the instructor. Students will learn about measurement, drafting and scaling, calculating board feet, and producing a bill of materials for their project. Safety is taught before students can begin working with the machinery including a table saw, radial arm saw, power miter saw, router, jointer, Timesaver sander, and more. **Please note:** if a student chooses option two of the pre-assigned projects, there will be a charge for the extra materials.

Robotics



Grade Level: 9-12 **Terms:** 1

Description: This curriculum leverages the “coolness” of robotics and the excitement of head to head competition to inspire and engage students. During this class students will learn key STEM principles and robotics concepts. At the culmination of this class, students will compete head-to-head against their peers in the classroom on a class designed competition. This modular and project-based curriculum teaches the design process in an engaging, hands-on manner to help challenge, motivate, and inspire students. The curriculum is created to ensure that students with varying learning styles and levels can accomplish the lesson goals. **No prior robotics experience is required.** Beginners are able to advance sequentially through the units to gradually increase their knowledge and skill level.

Intro to Welding



Grade Level: 9-12 **Terms:** 1

Description: Basic welding skills will be taught with emphasis in the welding areas of TIG, MIG, and ARC. A variety of assignments in welding such as butt, “Tee,” and lap will be done throughout the term. This course stresses exploration. **Students who have taken Machine Trades or Welding at WTC or Intro to Metals are not eligible**

Sheet Metal Fabrication



Grade Level: 9-12 **Terms:** 1

Description: Do you like working with metal? Have you ever looked at something made out of metal and wondered, “How did they make this?” This class is designed to show the different metal fabrication processes used in today’s world. **Students who have taken Metal Fabrication should not take this class.**

Future Course Options

- ★ CIS Auto Service & Maintenance
- ★ Architectural (House) Drawing
- ★ CIS 3-D Mechanical Drawing
- ★ CIS Competitive Engineering 2
- ★ Intro to Digital Photography / Video
- ★ Wood Technology 2
- ★ Agricultural Construction
- ★ Intro to Construction
- ★ Robotics 2
- ★ Welding 2

Intro to World Languages

Grade Level: 9-12 **Terms:** 1

Description: In this class students will get the opportunity to explore some of the vocabulary and cultural aspects of the three languages offered at BHS. This course will also explore the meaning of culture through language in a society. This would be a good option for a younger student who is undecided on which language they wish to take. It could also be an option for an older student that has already successfully taken a world language, and would like to learn a little more of each of our languages, but doesn’t have the schedule flexibility to have a full semester. This study of language and culture may include, but not be limited to, music, food, dress, traditions, and celebrations. Languages covered are: Spanish, French, German. **Any student who took this class at BCMS, should not register for this course.**

French 1, German 1, or Spanish 1



Grade Level: 9-12 **Terms:** 2

Prerequisites: Native or Heritage speakers should take a placement test to determine their level.

Description: Level 1 will introduce students to the basic aspects of culture, language and geography. Students practice the four language learning skills: speaking, listening, reading, and writing. In level I their writing skills focus on spelling and simple sentence structure, whereas their listening and speaking focus is on basic conversational skills and pronunciation. Students read to comprehend elementary texts. Additionally, cultural aspects like customs, traditional food, school, family and holidays are addressed. By the end of this level a student should be able to participate in simple conversation and understand simple spoken and written materials. This course is designed for all students in grades 9-12. This is a rigorous class, which requires students to do work daily outside of the classroom. Non-native speaker students who may want to qualify to take the CIS Levels 4 & 5 must take Level 1 in 9th grade.

Future Course Options

- ★ French 2
- ★ CIS French 1003
- ★ CIS French 1004
- ★ German 2
- ★ CIS German 1003
- ★ CIS German 1004
- ★ Spanish 2
- ★ CIS Spanish 1003-1004

**Why
Bison
Online?**

1. Buffalo High School Diploma
★ Earn a well-regarded BHS diploma and participate in the BHS graduation ceremony

2. Maximum Flexibility
★ Full-time or part-time students are empowered to have the flexibility of both online and in-person learning

3. Meaningful Course Options
★ Core classes that align with BHS
★ Career-focused electives
★ Multiple AP opportunities

4. Student Life
★ Access to all BHS activities
★ Student experiences (e.g. dances, events, etc.)
★ Classes with BHS students and teachers
★ Availability for student leadership and recognition opportunities

5. Aligned Tech & Systems
★ One set of systems to learn (e.g. email, Infinite Campus, etc.)
★ Familiar resources - Google Classroom, Edmentum!
★ Everything is on the trimester schedule
★ Aligned graduation requirements

**Experience of BHS
+ Online Flexibility**

**Empowering Learners,
Inspiring Futures!**

6. Student Supports
★ Teachers available online and in-person
★ Resources of BHS to provide multiple opportunities for intervention and support
★ Maintain access to school counselors and case managers if going between online & in-person

AGRICULTURE

Intro to Agriculture - ONL



Grade Level: 9-12 **Terms:** 1

Description: This one-trimester course is intended to help you familiarize yourself with various aspects of the agriculture, food science, and natural resources industries. This course covers basic concepts in the field of agriculture, food science, and natural resources. It also covers career opportunities in these fields and the academic skills and knowledge required for a successful career in agriscience.

Future Course Options

- ★ Natural Resources - ONL
- ★ Veterinary Science - ONL

ART

Art Foundations - ONL



Grade Level: 9-12 **Terms:** 1

Description: In Art Foundations - Online, you will trace the history of art and describe various art forms. You will identify the elements of art and examine the principles of design. You will analyze the parameters in evaluating and critiquing art. You will examine copyright laws and discuss the ethical use of art.

BUSINESS

College & Career Explorations - ONL



Grade Level: 9-12 **Terms:** 1

Description: College & Career Explorations - Online is a one-semester course intended as a practical, hands-on guide to enable you to explore career opportunities in different career clusters and pathways. The course also enables you to create an academic and career plan based on your personal interests and skills and professional goals.

Intro to Business - ONL



Grade Level: 9-12 **Terms:** 1

Description: Introduction to Business - Online provides the foundational knowledge and skills students need for careers in business and technology. Throughout the course, students gain a knowledge of business principles and communication skills, an understanding of the impact of financial and marketing decisions, and proficiency in the technologies required by business. Students also learn the essentials of working in a business environment, managing a business, and owning a business.

Computer Applications - ONL



Grade Level: 9-12 **Terms:** 1

Description: Computer Applications - Online provides an introduction to software applications that prepares students to succeed in the workplace and beyond. Students will develop an understanding of professional communications and leadership skills while gaining proficiency with word processing, email, and presentation management software. Students will also be able to demonstrate digital literacy through basic study of web publishing and design, spreadsheets, and database software. This course allows students to explore careers in the fields of business and information technology while learning skills applicable to any professional setting. Through a series of hands-on activities, students will create, analyze, and critique reports, letters, project plans, presentations, and other professional communications. In addition, students will evaluate the qualifications required for specific careers so they can identify opportunities that are of interest to them.

BUSINESS (cont.)

Digital & Graphic Design - ONL



Grade Level: 9-12 **Terms:** 1

Description: This course describes how to create images using color and typography and how to manipulate images. It also guides you how to create images using design elements and principles. This course will guide you on how to create graphic products such as logos, posters, and magazine covers. In addition, the course covers art criticism in graphic artwork and digital publishing.

Future Course Options

- ★ Accounting - ONL
- ★ Personal Finance - ONL
- ★ Marketing - ONL
- ★ Introduction to Criminology - ONL
- ★ Sports & Entertainment Marketing - ONL
- ★ Entrepreneurship - ONL
- ★ College & Career Prep - ONL

ENGLISH

English 9 - ONL



Grade Level: 9 **Terms:** 2

Description: English 9 is a comprehensive study of language through the interpretation and analysis of diverse, authentic texts. In Semester A, students will examine poetry, fiction, and nonfiction to explore thematic connections and enhance their writing and discussion skills. Semester B builds on these skills by analyzing drama, historical documents, speeches, and shorter fictional texts. Throughout the course, students will study authorial techniques and apply them to their own writing, fostering growth as both writers and critical thinkers.

Future Course Options

- ★ English 10 - ONL
- ★ English Lit & Comp - ONL
- ★ English 12 - ONL
- ★ Creative Writing - ONL

English Grammar & Usage - ONL



Grade Level: 9-12 **Terms:** 1

Description: English Grammar & Usage - Online is the study of principles of grammar and effective writing, and the application of these principles to writing. In English Grammar & Usage - Online, you will learn about the types of sentences, punctuation marks and grammar rules such as subject verb agreement and tenses; you will also learn about different parts of speech and their correct usage; examine the concept of parallel structure in sentences as well as identify and correct run-on sentences. Finally, you will learn about developing paragraphs and essays.

FAMILY & CONSUMER SCIENCES

commonly referred to as FCS

Intro to Fashion Design - ONL

Grade Level: 9-12 Terms: 1



Description: Introduction to Fashion Design is intended to introduce students to the basics of fashion design. This course is designed to provide students insight on the history of fashion and its place in the modern world and to help them understand terms and concepts related to fashion. From the inspiration for a garment to creating sketches until the final product takes shape is a long process that involves various activities such as fashion forecasting, predicting consumer demand, drafting the designer's worksheet, pricing, etc.

Child Development & Parenting - ONL

Grade Level: 9-12 Terms: 1



Description: This course covers child development, parenting, and essential parenting skills. Students will explore the roles and responsibilities of parents, effective communication with children, and key workplace skills like ethics and time management. The course examines parenting styles, trends, and their impact on child development, along with family planning strategies and parental responsibilities. Students will also review laws, programs, and organizations focused on child welfare. Additionally, the course highlights career opportunities in child care and development, emphasizing work habits and professional skills needed in the field.

Fundamentals of Food Prep - ONL

Grade Level: 9-12 Terms: 1



Description: Fundamentals of Food Prep - Online is intended to help you gain an understanding of the history and development of culinary arts. This course covers the basics of nutrition, and health, safety, and sanitation. In addition, the course explains the basic science principles used in cooking and various cooking methods.

Intro to Education & Training - ONL

Grade Level: 9-12 Terms: 1



Description: This one term course is intended to help familiarize you with career opportunities in the education and training career clusters. This course covers career opportunities in the three pathways in the education and training cluster – administration, education, and professional support. In addition, the course covers personal and professional skills that are necessary for a career in this field.

Future Course Options

- ★ Culinary Foods - ONL
- ★ Principles of Education & Training - ONL

PHYSICAL EDUCATION & HEALTH

commonly referred to as PE

PE 9 - ONL

Grade Level: 9 Terms: 1

Description: Your body is a machine that has certain needs—if you treat it well, it should be able to serve you well. But what can you do to promote a fit and healthy body? A course in physical education can show you. By definition, physical education is instruction in exercise and physical activity. It teaches you how to maintain your personal fitness, how to measure different aspects of physical fitness, and how to avoid injury while exercising. It's all about getting active and setting your body in motion. By measuring health and fitness with objective data, it's possible to improve your health in a methodical way. Exercise helps you feel good about yourself and helps you sidestep the health problems that often accompany poor levels of fitness.

Future Course Options

- ★ PE 10 - ONL
- ★ Health 10 - ONL
- ★ Nutrition & Wellness - ONL
- ★ Exercise Science - ONL

Intermediate Algebra - ONL

Grade Level: 9-10 **Terms:** 2

Description: Intermediate Algebra is designed to strengthen students' mathematical skills and knowledge. Students will focus on linear relationships, including graphing, creating, and solving linear equations, using function notation, and representing data with scatter plots and mathematical models. The course also covers systems of linear equations and inequalities, helping students analyze datasets in various contexts. Later, the focus shifts to quadratic and exponential relationships. Students will perform operations on polynomials, factor quadratics, and solve quadratic equations using various methods. They will also model real-world situations with quadratic and exponential functions, making predictions and comparing different function types graphically and algebraically.

Geometry - ONL

Grade Level: 9-12 **Terms:** 2



Prerequisites: Intermediate Algebra, Teacher Recommendation **Description:** Geometry is a branch of mathematics focused on the relationships and properties of points, lines, angles, and shapes. Students will study the foundations of geometry, coordinate geometry, and transformations, using them to explore congruence and similarity of polygons. The course also includes investigating and proving theorems about lines, angles, and polygons, along with geometric constructions. Students will also focus on right triangles, trigonometry, circle properties, and apply geometric concepts to probability. The course also covers surface area, volume, and real-world problem-solving using geometric principles.

Future Course Options

- ★ Algebra 2 - ONL
- ★ Precalculus - ONL
- ★ Financial Algebra - ONL
- ★ AP Calculus AB - ONL
- ★ AP Statistics - ONL
- ★ Entrepreneurship - ONL
- ★ AP Computer Science A - ONL

Music Appreciation - ONL

Grade Level: 9-12 **Terms:** 1



Description: This one-semester elective course is intended as a practical, hands-on guide to introduce you to the field of music appreciation. You'll first identify elements and patterns in music and learn to identify various elements of musical notation. Next, you'll explore the history and evolution of music from the Middle Ages through to the modern era. Then, you'll learn about the influence of music on society and culture. Finally, you'll learn of the various compositional and expressive devices and how to evaluate a concert.

Earth Science - ONL**Grade Level:** 9 **Terms:** 2

Description: Earth Science explores the structure of our planet, its role in the solar system, and the natural processes that shape both Earth and the universe. The course covers scientific methods, the formation of the solar system, interactions between the Sun, Earth, and Moon, and Earth's geological and atmospheric history, plate tectonics, weathering and erosion, weather and climate modeling, and human impacts on Earth's natural cycles.

Future Course Options

- ★ Biology - ONL
- ★ Chemistry - ONL
- ★ Physics - ONL
- ★ Wildlife Biology - ONL
- ★ Astronomy - ONL
- ★ Anatomy & Physiology - ONL
- ★ Forensics - ONL

Human Geography - ONL**Grade Level:** 9 **Terms:** 1

Description: Geography is the study of where things are in the world. It is important to know why people settled where they did: sometimes this is for weather-related reasons, and sometimes it's because of the bountiful natural resources nearby. In this course, you will learn about these special features which drive economic development and form the locales where people settle.

Future Course Options

- ★ US History - ONL
- ★ AP US History - ONL
- ★ World History - ONL
- ★ Citizenship & Government - ONL
- ★ Economics - ONL
- ★ Psychology - ONL
- ★ Social Issues & Diversity - ONL

World Religions - ONL**Grade Level:** 9-12 **Terms:** 1

Description: This one-semester course is intended to familiarize you with the origins, history, beliefs, and practices of various prominent world religions, primal religions, and contemporary religious movements.

Principles of Drafting & Design - ONL

Grade Level: 9-12 Terms: 1



Description: This course covers the fundamental concepts of drafting and design, types of drafting tools, drafting conventions, sketching and drawing techniques, types of views and projections, and basic computer-aided design and drafting operations.

Principles of Architecture & Construction - ONL

Grade Level: 9-12 Terms: 1



Description: The Principles of Architecture and Construction introduces foundational concepts in architecture and construction. Students will learn about architectural drawings, materials, structures, loads, and equipment, along with career opportunities and workplace ethics in the field. Finally, students will explore computer use in design, project management, and safety, legal, and communication requirements in architecture and construction.

Principles of Engineering & Technology - ONL

Grade Level: 9-12 Terms: 1



Description: This course explores engineering careers, systems, and technologies, covering design, problem-solving, energy, manufacturing, and structural systems. Students will examine biotechnology, construction, and ethical issues while developing teamwork, communication, and employability skills. The course also highlights engineering's impact on society and the environment.

Future Course Options

- ★ Digital & Interactive Media -ONL

Spanish 1 - ONL

Grade Level: 9-12 Terms: 2



Description: In Spanish 1A and 1B, you'll explore the vast and diverse Spanish-speaking world, from Spain to regions across North, Central, and South America. You'll start with basic sentence structures, vocabulary, and grammar, practicing listening, speaking, reading, and writing to discuss topics like greetings, family, money management, transportation, weather, food, art, and health. Each unit introduces regions visited by central characters, offering cultural insights that deepen your understanding of the language. This foundation will support your continued Spanish studies.

Spanish 2 - ONL

Grade Level: 9-12 Terms: 2



Prerequisites: Spanish 1

Description: In Spanish 2A and 2B, you'll deepen your Spanish language skills while discussing topics like school life, personal routines, relationships, and dining etiquette. You'll also explore professions, career plans, travel, nature, hobbies, and health, expanding your vocabulary and grammar to communicate effectively in everyday situations. Through listening, speaking, reading, and writing, you'll build on what you learned in Spanish 1, gaining a deeper understanding of the diverse cultures within the Spanish-speaking world.

Future Course Options

- ★ Spanish 3 - ONL

French 1

Grade Level: 9-12 **Terms:** 2



Description: In French 1A and 1B, you'll embark on a journey to learn the French language and explore the diverse cultures of the French-speaking world, which spans Europe, North America, and Africa. Starting with basic sentence structures, vocabulary, and grammar, you'll practice listening, speaking, reading, and writing to describe yourself, family, and social life. As you progress, you'll delve into topics like managing money, urban transportation, weather, food, fashion, art, health, and travel while continuing to strengthen your communication skills.

French 2

Grade Level: 9-12 **Terms:** 2



Prerequisites: French 1

Description: In French 2A and 2B, you'll deepen your French language skills while exploring topics like school life, relationships, personal routines, and dining etiquette. You'll also discuss professions, career plans, travel, nature, hobbies, and health, expanding your vocabulary and understanding of French-speaking cultures. Through listening, speaking, reading, and writing, you'll build on what you learned in French 1 to communicate effectively in more complex situations. Each unit introduces regions of the French-speaking world, enriching your cultural perspective and reinforcing your language skills as a foundation for continued study.

German 1

Grade Level: 9-12 **Terms:** 2



Description: In German 1A and 1B, you'll explore the German-speaking world—spanning Germany, Austria, Switzerland, Luxembourg, Liechtenstein, and beyond—while developing basic sentence structures, vocabulary, and grammar. Through listening, speaking, reading, and writing, you'll communicate in everyday situations, discussing topics like greetings, family, personality traits, money management, transportation, weather, food, and the arts.

German 2

Grade Level: 9-12 **Terms:** 2



Prerequisites: German 1

Description: In German 2A and 2B, you'll expand your German language skills while exploring topics like school life, relationships, personal routines, and dining etiquette. You'll also discuss professions, career plans, travel, nature, hobbies, and health, using more advanced vocabulary and grammar to communicate effectively in everyday situations. Through listening, speaking, reading, and writing, you'll build on what you learned in German 1, gaining deeper insight into the diverse cultures of the German-speaking world.

BHS 4 YEAR COURSE PLANNER

Grade 9:

EN200 English 9A
 EN201 English 9B
 SC202 Earth Science A
 SC203 Earth Science B
 SS231 Human Geography
 PE200 PE 9

_____ Math
 _____ Math
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice

Grade 11:

SS220 World History A
 SS221 World History B
 EN220 English Lit & Comp A
 EN221 English Lit & Comp B
 BU240 Personal Finance

_____ Math
 _____ Math
 _____ Chemistry A or Physics A
 _____ Chemistry B or Physics B
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice

Grade 10:

EN210 English 10A
 EN211 English 10B
 SC210 Biology A
 SC211 Biology B
 SS210 U.S. History A
 SS211 U.S. History B
 HE210 Health 10
 PE202 PE 10

_____ Math
 _____ Math
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice

Grade 12:

SS230 Economics
 SS233 Government & Citizenship

_____ English
 _____ English
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice
 _____ Choice

Career/Job Interest:

Colleges/Military Branch of Interest:



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