9TH GRADE
CURRICULUM GUIDE

Bemidji High School

"Where great education flows into successful futures"

GO JACKS!

2019 – 2020

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1/4/19

Bemidji High School
502 Minnesota Avenue
Bemidji, MN 56601
218-444-1600
http://bhs.bemidji.k12.mn.us

Parents, Guardians and Students:

Thank you for choosing Bemidji High School! We are proud to present you with the most comprehensive educational programs in northern Minnesota, to deliver an outstanding education to prepare all students for their lives after high school in the world of work and/or post-secondary education.

Our programs and staff have been recognized regionally and nationally for the outstanding educational and real-world experience opportunities available for our BHS students. Our Bemidji Career Academies and community collaboration equip our students with skills necessary to pursue high-skilled employment in the career field of their choice.

The mission of Bemidji Area Schools is to empower each learner to succeed in our diverse and changing world. Our school has a distinguished reputation in school achievements and sound educational methods. In addition to our incomparable academic offerings, our students have access to a wide variety of extracurricular programs at BHS. The 4 A's (academics, athletics, arts, and activities) provide an excellent foundation for our BHS Lumberjacks.

Please do not hesitate to contact me, or any member of our fine staff at BHS, with any questions you may have. We are here for you, and look forward to working with you at BHS.

GO JACKS!

Jason Stanoch, Ed.D.
BHS Principal

Requirements for Bemidji High School Graduation

- ❑ All students must earn 28 credits

English 4 credits	Social Studies 4 credits
Mathematics 4 credits ✓ Geometry ✓ Algebra 2 ✓ Statistics ✓ 1 additional credit of math	Science 4 credits ✓ Science Investigation ✓ Biology ✓ Chemistry or Physics ✓ 1 additional credit of science
Arts 1 credit: media art, drama, dance, music, visual art	Physical Education 1 credit
Health ½ credit	Electives to equal a minimum of 28 credits

Course Registration by Grade

Grade 9	Cr.	Grade 10	Cr.	Grade 11	Cr.	Grade 12	Cr.
English 9	1.0	English 10	1.0	American Literature	1.0	English: choose one	
9 Social Studies I& II	1.0	World History I & II	1.0	U.S. History I & II	1.0	Literature course and	.5
Mathematics	1.0	Mathematics	1.0	Mathematics	1.0	one Writing course to	.5
Science Invest. I & II	1.0	Biology	1.0	Science	1.0	equal 1 credit	
Physical Education	.5	Physical Education	.5	Electives	4.0	Senior Social I & II	1.0
Arts	.5	Health	.5			Mathematics	1.0
Electives	3.0	Arts	.5			Science	1.0
		Electives	2.5			Electives	4.0

Post-Secondary Admission Criteria

Sample Admissions Requirements

Four-year Minnesota State Colleges (i.e. Bemidji State, Minnesota State Universities, St. Cloud State Univ.)

- ❑ English 4 credits
- ❑ Mathematics 4 credits
- ❑ Science 4 credits
- ❑ Social Studies 4 credits
- ❑ World Language* 2 credits
- ❑ Fine arts/culture 1 credit

For automatic admission, a student must have earned a high school diploma or a GED, rank in the upper 50 % of their class OR have achieved an ACT composite score of 21 or above.

*Some colleges may have different admission requirements.

WEIGHTED GRADE POINT SYSTEM

The courses included in the Weighted Grade Point System and the values assigned to the grades earned in these courses are as follows:

GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS
		B+	3.83	C+	2.83	D+	1.83	F	0
A	4.50	B	3.50	C	2.50	D	1.50		
A-	4.17	B-	3.17	C-	2.17	D-	1.17		

WEIGHTED COURSES GRADES 9-12

College Financial Literacy
College Intro. to Business
AP Eng. Language & Comp.
AP/College Literature & Composition
College American Literature
College Writing I
Accelerated Algebra 2
Accelerated Geometry
Analysis I & II
College Algebra
College Problem Solving & Computer Science
AP Calculus I & II
AP Statistics
College Math Reasoning
AP European History
AP Psychology
AP/College Economics
AP U.S. History
AP/College Gov. & Pol.
General College Chemistry
Principles of College Chemistry
Anatomy and Physiology A
Anatomy and Physiology B
AP Biology
Aerospace Engineering
College Physics
Project Lead the Way courses
College 2D Digital Foundations
College Photography & Digital Img.
AP Studio Art

MODIFIED GRADING SYSTEM Students with a modified curriculum may be graded using a Modified Grading System. The values assigned to the grades earned in these courses under a **Modified Grading System** are as follows:

GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS
		B+	2.83	C+	1.83	D+	0.83	F	0.00
A	3.50	B	2.50	C	1.50	D	0.50		
A-	3.17	B-	2.17	C-	1.17	D-	0.17		

MODIFIED COURSES GRADES 9-12

Applied Biology
Modified English/Read 180 9-12
Modified Math/Life Skills
Academic Enrichment LD
Modified Health
Applied Science
Modified Algebra
Modified Social Studies/Self-Advocacy
Modified Science
Modified Geometry
Course(s) determined by IEP team
Modified Pre-Algebra
Modified Credit Recovery 9-12 (English, Math, Social Studies, Science)
Modified English LD

SIGNIFICANTLY MODIFIED GRADING SYSTEM The values assigned to the grades earned in courses under a Modified Grading System in **Significantly Modified Classes or Substituted Classes** are as follows:

GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS	GRADE	WEIGHTED POINTS
		B+	2.33	C+	1.33	D+	0.33	F	0.00
A	3.00	B	2.00	C	1.00	D	0.00		
A-	2.67	B-	1.67	C-	0.67	D-	0.00		

SIGNIFICANTLY MODIFIED CLASSES OR SUBSTITUTED CLASSES

Modified Math
Vocational
Living & Transition English
Structured Modified Science
Employment and Math Skills
Vocational Skills 9 – 12
Developmental Adapted Physical Ed.
Structured Modified Math
Recreation and Leisure and Science
Modified English 9 – 12
Structured Modified English
Structured Modified Social Studies
Home/Indep. Living & English Skills

PROJECT LEAD THE WAY—Project Lead the Way classes promote using hands-on experience applying math and science concepts to solving real-life problems. Students who complete the college credit side of the course and pass the test can receive college credit at 31 engineering universities throughout the country. BHS students earn credit for all PLTW courses from Bemidji State University, for all PLTW courses except Aerospace Engineering from the University of Minnesota, and for Aerospace Engineering from St. Cloud State University.

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)—Any student athlete who intends to participate in collegiate sports, must register with the NCAA Eligibility Center. If you want to play sports at an NCAA Division I or II school, start by registering for a Certification Account with the NCAA Eligibility Center at **eligibilitycenter.org**.

Registration with the eligibility center will ensure the student has met amateurism standards and academic course readiness requirements prior to playing collegiate Division I and Division II sports.

A student athlete entering an NCAA Division I or Division II institution must successfully complete at least 16 NCAA-approved core courses, earn a minimum required grade point average in the approved core courses, and earn an ACT or SAT score that matches the core-course GPA. **Students must apply to and be cleared through the NCAA Eligibility Center before practicing and competing at the college level.**

Visit eligibilitycenter.org/course list for a full list of Bemidji High School's approved core courses. Modified courses, applied courses, AEC (Alternative Education Center) courses, and Credit Recovery courses are NOT approved by NCAA. Visit with your school counselor to learn more about the NCAA Eligibility Center and Bemidji High School's approved core courses.

Prospective Division I and II student athletes must choose BHS NCAA-approved courses throughout high school.

BEMIDJI HIGH SCHOOL'S CORE COURSES (ENGLISH, MATH, SCIENCE, SOCIAL, AND WORLD LANGUAGE) NOT APPROVED BY NCAA ELIGIBILITY CENTER:
English: Technical Writing, Film Studies, Yearbook/Journalism, Link Leadership
Science: Animal Science, Applied Science 9, Applied Biology, Applied Chemistry
Math: Algebra 1, Geometry Applications, Algebra 2 Applications with Stats
Special Education: all modified courses
Credit Recovery courses
Alternative Education courses

BEMIDJI CAREER ACADEMIES—Equipping students with the skills necessary to obtain high-skilled employment in an identified career field is a top priority for Bemidji Area Schools! Through community collaboration and intentional coursework design, Bemidji Career Academies allow students the opportunity to obtain knowledge and skills necessary to thrive in today's workforce. Bemidji Career Academies will prepare students to move forward with obtaining high-skilled employment and aim to retain and attract talent within the Greater Bemidji area.

Bemidji Career Academy students will be given the opportunity to assess their skills and talents as they pertain to the world of work, build skills transferrable to the workplace by taking courses specific to their chosen Career Academy, access free college courses while in high school, and have the opportunity to participate with community businesses who provide invaluable "real world" workplace experience.

In order to graduate with Bemidji Career Academy recognition, students need to register for required courses within their chosen Academy, register for Work Seminar, complete an Internship or Job Shadow, and obtain college credit in one or more courses.

These Career Academies are offered to students for the upcoming school year:

- Business Management Career Academy
- Construction Trades Career Academy
- Health Career Academy
- Light, Sound & Video Technician Career Academy
- Mechatronics Career Academy (Mechanical Fab., AC/DC Electrical, Basic Hydraulics, Rotating Machines)
- Project Lead the Way (Engineering) Career Academy
- Automotive Technology Career Academy
- Art and Design Career Academy
- Information Technology Career Academy
- Child Care and Education Career Academy
- Aerospace Technology Career Academy
- Natural Resources Management Career Academy
- Leadership Academy
- Culinary Arts Academy
- Law Enforcement Academy
- Fire & Rescue Academy
- Agriculture Academy

For more information, contact Mr. Brian Stefanich, Career Academy Director, Ms. Jen Voge, School Counselor, or Ms. Kelley Hengel, School Counselor.

Business Management Career Academy

This academy is designed to prepare graduating students for successful employment in the business world with a focus on small business management. The academy will help prepare the graduates with skills in accounting, business administration, marketing, and an appreciation of business ethics. The combination of job skills and appreciations gained through this training is highly transferrable to most jobs in local businesses.

Construction Trades Career Academy

This is a competency based training program designed to assure graduating students have demonstrated knowledge and skills essential to

perform basic skills in the construction workplace. The Academy will prepare students for jobs which require constructional skills including: woodworking, basic rough framing, roofing, basic drywall installation, and working from a set of blueprints. The Construction Trades Academy training will prepare graduates to enter the building trades sector in positions such as: carpenter, carpenter helper, drywall installer, roofer, mason assistant, cabinet maker assistant, landscape worker, and painter. The combination of skills gained through this training is highly transferrable to construction trades jobs in many sectors of the economy.

Health Career Academy

The Health Career/Nursing Assistant Academy offers an introduction to the many and varied careers in the health field today. Students will explore long and short career options, develop an understanding of the terminology used by medical professionals, develop an understanding of medical environments from clinics to long-term health facilities and actually earn a nursing assistant certificate. When completing the Academy, students will have basic skills to enter the work force or transfer their credits to continue their education at a post-secondary institution.

Light, Sound & Video Technician Career Academy

This academy is designed to provide graduating students with technical experiences in light and sound reproduction for performance enhancement for large or small group audiences. The combination of skills gained through this training is highly transferrable to technical jobs in many venues.

Mechatronics Career Academy (Mechanical Fabrication, AC/DC Electrical Systems, Basic Hydraulics, Rotating Machines)

This is a competency-based training program designed to assure graduating students have demonstrated knowledge and skills essential to perform troubleshooting, service, and repair on mechatronics systems in an industrial setting. The academy prepares trainees for jobs which require electrical, mechanical, computer, robotics, and automation skills sets. The electromechanical and robotics training provided in this academy prepares graduates to enter the industrial sector in positions such as industrial maintenance technician, automated manufacturing technician, electrical technician, mechanical technician, and industrial maintenance and repair. The combination of skills gained through this training is highly transferable to technician jobs in many industry sectors.

Project Lead the Way (PLTW) Engineering Career Academy

This academy allows students to engage in open-ended problem-solving, learn and apply the engineering design process, and use the same industry-leading technology and software as are used in the world's top companies. Students are immersed in design as they investigate topics such as sustainability, mechatronics, forces, structures, aerodynamics, digital electronics and circuit design, manufacturing, and the environment which gives them an opportunity to learn about different engineering disciplines before beginning post-secondary education or careers. They learn about how to apply STEM knowledge skills and habits of mind to make the world a better place through innovation. Project Lead the Way classes promote hands-on experience applying math and science concepts to solving real-life problems.

Automotive Technology Career Academy

This academy is a skills/attitude based program designed to prepare graduating students with knowledge, skills, and hands-on experience to help prepare them to work in the fast-paced and rapidly changing field of automotive technology. Credits earned in this program will help the graduate enroll in a two-year Associates of Arts program or in an industry recognized course of study such as NATEF, AYES, or ASE certification to prepare them for a career in automotive technology or diesel mechanics.

Art and Design Career Academy

This academy is a competency based program designed to assure graduating students have demonstrated knowledge and skills essential to graphic design and digital display of data. The combination of skills gained through this training is highly transferrable to technical jobs in many sectors of the economy.

Information Technology Career Academy

The IT Academy is a competency based training program designed to assure graduating students have demonstrated knowledge and skills essential to the development, implementation, and use of computer hardware, software, services, and infrastructure. The Information Technology Academy will help prepare students to enter the Information Technology field in positions such as application developer, computer programmer,

database administrator, network administrator, security specialist, web developer, software engineer, IT support specialist, etc. The combination of skills gained through this academy is highly transferrable to technical jobs in many industry sectors.

Child Care and Education Career Academy

This academy is a skills/attitude based program designed to assist graduating students in acquiring knowledge, skills, and appreciations essential to working in the fast-paced and rapidly changing field of education and child care. Credits earned in this academy will help the graduate enroll in a two-year Associate of Arts program designed to prepare candidates for a career as a paraprofessional educator, daycare provider, educator.

Aerospace Technology Career Academy

This is a skills-based program designed to prepare graduating students with basic knowledge, skills, and hands-on experience to help prepare them to work in the fast paced and rapidly changing world of aerospace sciences. Credit earned in this program will help the graduate enroll in a two- or four-year program at an institution of higher learning offering aerospace technology.

Natural Resources Management Career Academy

This program is designed to provide students with knowledge and skills regarding the management of earth's natural resources. Students will focus on sustainability and stewardship of ecosystems. Graduating students will be prepared to enter the natural resources management workplace or continue their education in natural resources management at post-secondary educational institutions.

Leadership Career Academy

This is a competency-based academy designed to engage students in leadership principles in both an academic setting and real world experience. The Leadership Academy will prepare students to enter the workforce after graduation with the confidence and knowledge necessary to lead employees effectively and efficiently. Students will learn about leadership styles, communication, goal setting, decision making, ethical decision making, conflict resolution and team building. The combination of skills gained are transferable to any sector of employment.

Culinary Arts Academy

This is a skills/attitude based program designed to assist graduating students with knowledge, skills, and hands-on experience to help prepare them to work in the fast-paced and rapidly changing field of culinary arts. The combination of skills gained through this training is highly transferable to technical jobs in many sectors of the economy.

Law Enforcement Academy

This hands-on program is for students interested in a career in law enforcement or a related field in the criminal justice system. The academy offers young adults a personal awareness of the criminal justice system through training, practical experiences, competition and other activities. Additionally, the program promotes personal growth through character development, respect for the rule of law, physical fitness, good citizenship and patriotism.

Fire & Rescue Academy

This academy is a hands-on program for students interested in learning about a career in Fire & Rescue. This academy is for students interested in serving our community, building leadership skills and helping others. Students will have the opportunity to pull fire hoses, throw ladders, practice emergency medical skills, and so much more.

Agriculture Academy

This academy allows students to explore the wide variety of careers and opportunities in the field of agriculture. These variations include animal nutrition, animal health and medicine, crop production, meat processing, conservation of natural resources, equipment development and repair, and business management. This field is always changing and advancements in technology are needed to increase production to meet our ever increasing demands for energy and food. Skills learned in this academy will give students a solid background of the industry at all sectors. This will help the graduate either take over the family business or explore further education.

BUSINESS ADMINISTRATION

Business Administration is an important part of the general education for all high school students. These classes provide preparation for business careers, a foundation for a college education in business, and life skills.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	BKEY1	WORD PROCESSING/KEYBOARDING I	1 term	None	9-12
½ credit	BKEY2	WORD PROCESSING/KEYBOARDING II	1 term	Keybdg/WP I	9-12
½ credit	BCOMT	INTRO TO COMPUTER TECHNOLOGY	1 term	Keybdg/WP I	9-12
½ credit	BCAPP	COMPUTER APPLICATIONS (MOS CERT.) WORD, EXCEL, POWERPOINT, ACCESS	1 term	Keybdg/WP I	9-12
½ credit	BWDAP	WEB DESIGN AND APPLICATION/CODING	1 term	Keybdg/WP I	9-12
½ credit	BBAAC	BASIC ACCOUNTING	1 term	None	9-12
½ credit	BLAW1	CRIMINAL & CIVIL LAW	1 term	None	9-12
½ credit	BLAW2	CONTRACT LAW	1 term	Criminal & Civil Law	9-12
½ credit	BPFIN	PERSONAL FINANCE	1 term	None	9-12

WORD PROCESSING/KEYBOARDING I
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This is not just a keyboarding class! It is strongly recommended that every student take this Keyboarding/Word Processing I class. Whether you are planning on attending college or looking for a job, this class is a must in today's technical society. Computers are used in many departments at BHS, so it is essential students learn to use the keyboard by touch, at an acceptable speed, and with accuracy. Students will learn the keyboard using multimedia software packages. Once the keyboard is mastered, students will use word processing software to create memos, letters, envelopes, reports, and tables.

WORD PROCESSING/KEYBOARDING II
Open to: 9-12 1 term, ½ credit
Prerequisite: Word Processing/Keyboarding I
Students will continue to develop speed and accuracy in keyboarding while preparing more-advanced documents using word processing software to help transfer and reinforce keyboarding skills already developed.

INTRODUCTION TO COMPUTER TECHNOLOGY
(Alternate years 2019 - 2020)
Open to: 9-12 1 term, ½ credit
Prerequisite: Word Processing/Keyboarding I
Turn the computer into your own personal tool. This course is an overview of personal computer hardware, operating system, word processing, spreadsheets, presentation, e-mail, scheduling, Internet and database management software. This class is a great elective for any BHS student.

COMPUTER APPLICATIONS (MOS CERTIFICATION) WORD, EXCEL, POWERPOINT
(Alternate years 2020-2021)
Open to: 9-12 1 term, ½ credit
Prerequisite: Word Processing/Keyboarding I
Students will work with Microsoft Word, Excel, PowerPoint, or Access and have the opportunity to become MOS certified (Microsoft Office Specialist). This is a valuable credential recognized worldwide and lets employers know you have reached a high level of computer literacy and proficiency. This course may be repeated for credit.

WEB DESIGN AND APPLICATION/CODING
Open to: 9-12 1 term, ½ credit
Prerequisite: Word Processing/Keyboarding I
This course introduces students to basic web design using HTML (Hypertext Markup Language) and CSS (Cascading Style Sheets). The course does not require any prior knowledge of HTML or web design. Throughout the course students are introduced to planning and designing effective web pages; implementing web pages by writing HTML and CSS code; enhancing web pages with the use of page layout techniques, text formatting, graphics, images, forms, and multimedia; and producing a functional, multi-page website.

BASIC ACCOUNTING
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This class offers students the chance to understand accounting procedures used to operate a business. It is extremely important for students who plan to pursue a business-related career after high school and for those planning to major in business or accounting in college.

CRIMINAL & CIVIL LAW
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course is designed to give students a greater appreciation of criminal and civil law in our legal system. The course emphasizes respect for the law and gives legal meaning to current activities. Students will better understand their rights, obligations, and liabilities.

CONTRACT LAW
Open to: 9-12 1 term, ½ credit
Prerequisite: Criminal & Civil Law
This course teaches basic characteristics of the American legal system: rights of ownership of personal property, freedom of trade, enforceability of contracts, and uniformity of (and difference in) state laws. Students gain a working knowledge of their rights and obligations to avoid legal problems in day-to-day business transactions.

PERSONAL FINANCE
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This is a very practical course that will benefit every student. Topics include budgeting, investing, good debt/bad debt, managing checking accounts, insurance, and other decision-making skills. Prepare for your financial future by taking Personal Finance.

ENGLISH

The English Department is designed to provide students the opportunity to develop communication skills in reading, writing, speaking, listening and viewing. Four credits of English are required for graduation.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADE
1 credit	ENG9	9TH GRADE ENGLISH	2 terms	None	9
1 credit	EADV9	PRE-AP 9TH GRADE ENGLISH	2 terms	Letter grade of A or B in 8th Grade Language Arts	9
½ credit	EPUSP	INTRODUCTION TO PUBLIC SPEAKING	1 term	None	9-12
½ credit	EFILM	FILM STUDIES ▷	1 term	None	9-12
½ credit	EFALI	MYTHOLOGY, SCIENCE FICTION & FANTASY LITERATURE	1 term	None	9-12

~ Modified grading system ▷ Not NCAA approved

9th GRADE ENGLISH
Open to: 9 2 terms, 1 credit
Prerequisite: None
Students will review the basic elements in multi-genre writing and reading, media and language study, and listening, research and speaking skills, as they are encouraged to practice and prepare for success in secondary English studies and communications. Writing skills will be a focus.

PRE-AP 9TH GRADE ENGLISH
Open to: 9 2 terms, 1 credit
Prerequisite: Letter grade of A or B in 8th grade Language Arts
This 9th grade English course will follow the basic 9th grade course, but with an AP slant. That AP slant is accessing and interpreting texts using higher critical thinking skills, with a special focus on the writer's craft (structure, purpose, tone and audience). This class is recommended, but not required, for any 9th grader who would like to be in the AP program.

INTRODUCTION TO PUBLIC SPEAKING
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course is designed for the beginning speaker. The course will give students the dynamics and background needed for speaking in front of an audience. Students will learn how to organize and prepare information, overcome fears of public speaking, and deliver a number of different presentations ranging from informative, persuasive, demonstration, and extemporaneous speeches.

FILM STUDIES
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course is designed to introduce students to the basic terminology and techniques of film production in order to effectively analyze and communicate about film. They will be introduced to the history of film and explore various film genres. (Class requirements will include essay writing and analytical viewing.)
This course is not approved by NCAA Eligibility Center as a core course.

MYTHOLOGY, SCIENCE FICTION & FANTASY LITERATURE
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course will focus on the study of world mythology, science fiction, and fantasy fiction genres. Students will read novels, short stories, and poetry within each area, and will hone creative writing skills by working on these types of fiction. In addition to writing fiction, students will be expected to analyze, define, and evaluate literature through essays, tests, and projects. Students will also explore the areas of myth, science fiction, and fantasy in popular cinema. ***This course may be repeated for credit.***

FAMILY AND CONSUMER SCIENCE

In the Family and Consumer Science Department, electives are offered for those students wishing to better prepare themselves for future careers and the responsibilities of independent living, new relationships, marriage and parenthood. These courses also provide background information, experience and skills for careers in psychology, interior design, child care, counseling, teaching, nutrition, communications, fashion design and merchandising, and business.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	FCCE	CHILD CARE AND EDUCATION	1 term	None	9-12
½ credit	FCHFA	CHILD IN THE FAMILY	1 term	None	9-12
½ credit	FCLOTH	CLOTHING CONSTRUCTION I	1 term	None	9-12
½ credit	FCRLV	CREATIVE LIVING SPACE	1 term	None	9-12
½ credit	FFOOD	FOODS FOR TODAY	1 term	None	9-12
½ credit	FHFOO	HEALTHY FOOD, NUTRITION & WELLNESS	1 term	None	9-12
½ credit	FFDAM	FASHION MERCHANDISING	1 term	None	9-12

Students may be expected to pay a materials fee for some Family and Consumer Science classes.

CHILD CARE AND EDUCATION
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course is for the student who takes care of children now, plans on becoming a parent someday, or is considering a career in childcare or teaching. Students study child development from age 3 to young adulthood. They will learn about caring for children's' physical, social, emotional and intellectual needs. The class will cover activities that enhance child development in all of these areas. This course includes field trips to a preschool program and an elementary school. Students get "real world" experience, as some of their classroom time is spent job shadowing in actual day care or school settings.

CHILD IN THE FAMILY
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This class will help you understand children, parenting and family life. Students will study family, pregnancy, childbirth and child development at the infant and toddler stages. Students participate in the "Real Care Baby" experience. As they learn how children develop physically, intellectually, socially and emotionally, students are better able to meet children's needs. The class includes guest speakers, observation of infants and toddlers in the classroom, food labs and a field trip to a local elementary school.

CLOTHING CONSTRUCTION I
Open to: 9-12 1 term, ½ credit
Prerequisite: None

This is a class where students will learn how to use a sewing machine and tools to construct two sewing projects. The instructor will help each student select individual projects appropriate to the student's skill level. Students are responsible for the purchase of fabric, notions and pattern for their projects. Students will learn basic sewing construction techniques and how to use sewing and ironing equipment. They will also study design elements, pattern selection and fabric selection. The class includes local field trips.

FASHION MERCHANDISING
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This class is about the artistic, creative side of the clothing industry (design, construction, presentation) and also the business side (manufacturing, advertising and sales). Students will explore all aspects of fashion. They will learn how designers work, how to sketch fashion, manipulate patterns, and choose fabric. Students will also study fashion advertising and retail. They will plan and present fashion in either a fashion show, display or power point setting. This class includes local field trips.

FOODS FOR TODAY
Open to: 9-12 1 term, ½ credit
Prerequisite: None
Students in this class will learn the basic information needed to prepare and serve food. In food labs each week, they will bake or cook a product, learning both kitchen skills and recipe interpretation. Students will learn about sanitation and safety in the kitchen, as well as how to store foods properly. They will study digestion, nutrition, menu planning, food service and grocery shopping. "Students will participate in the "Cupcake Challenge," a fun competition between the cooking teams. This class includes a field trip to a local grocery store and classroom demonstrations by local chefs.

HEALTHY FOOD, NUTRITION & WELLNESS
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This class will help you learn how food affects your growth, development and overall health. Students will study nutrition, digestion, how to make healthy food choices, menu planning and grocery shopping skills. Each week they will cook or bake items in the food lab that use healthy cooking techniques and ingredients. Other topics that will be covered are sports nutrition, eating disorders, disease prevention and the latest nutrition topics and trends. This class includes field trips to local businesses.

CREATIVE LIVING SPACE
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course covers every aspect of the homes in which we live. It includes the insides and outsides of home construction. The students will study mortgages, floor plans, interior design, electrical, plumbing, windows, lighting, and furniture. The class includes a field trip to tour the high school Construction house.

HEALTH CAREERS

The Health Careers program is designed to help students explore and prepare for careers in health-related fields. Classes may include tours of health care facilities, guest speakers from health fields, learning medical terminology.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	MEFAC	FIRST AID & CPR	1 term	None	9-12

FIRST AID/CPR

Open to: 9-12 1 term, ½ credit

Prerequisite: None

It is important that you know how to recognize emergencies and how to respond, as well as safety and prevention of illness and injury. This course will prepare you to make appropriate decisions regarding first aid. This class combines lecture, discussion and hands-on techniques to teach reliable responses for numerous emergency situations. This class follows the American Heart Association curriculum. Students who complete all areas with an 80% or better will be awarded the American Heart Association CPR/First Aid Card.

INDUSTRIAL TECHNOLOGY

Industrial Technology courses have a lab fee. Scholarships are available for qualified students upon request from teacher or counselor.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	TINIT	INTRO. TO INDUSTRIAL TECH.	1 term	None	9-10
½ credit	TAUT1	AUTOMOTIVE TECHNOLOGY 1	1 term	None	9-12
½ credit	TBAW	BASIC AUTO—WOMEN ONLY	1 term	None	9-12
½ credit	TELE1	ELECTRICITY AND ELECTRONICS I	1 term	None	9-12
½ credit	TMATT	MACHINE TOOL TECHNOLOGY I	1 term	None	9-12
½ credit	TAMTT	ADVANCED MACHINE TOOL TECH.	1 term	Machine Tool Tech. I	9-12
½ credit	TWELD	BASIC WELDING	1 term	None	9-12
½ credit	TAWEL	ADVANCED WELDING	1 term	Basic Welding	9-12
½ credit	TWOOD	WOODWORKING TECHNOLOGY I	1 term	None	9-12
½ credit	TWOO2	WOODWORKING TECHNOLOGY II	1 term	Woodworking Tech. I	9-12
1 credit	TIEND	INTRODUCTION TO ENGINEERING DESIGN ◘+	2 terms	None	9-12
1 credit	TPENG	PRINCIPLES OF ENGINEERING ◘+	2 terms	Algebra 2 or concurrent enrollment	9-12
1 credit	TDELE	DIGITAL ELECTRONICS◘+	2 terms	Electricity & Electronics I	9-12
½ credit	TIAMD	DRAFTING I THROUGH CAD	1 term	None	9-12
½ credit	TAMD	DRAFTING II THROUGH CAD	1 term	Intro. Engineer. Des. or Drafting I Through CAD	9-12
½ credit	TROBO	ROBOTICS	1 term	None	9-12
½ credit	TROBO2	ROBOTICS 2	1 term	Robotics	9-12
½ credit	TCTW	CONSTRUCTION TECHNOLOGY FOR WOMEN	1 term	Woodworking Tech. I or Intro. to Industrial Tech.	9-12
½ credit	TCONT	CONSTRUCTION TECHNOLOGY I	1 term	Woodworking Tech. I or Intro. to Industrial Tech.	9-12

Students may be expected to pay a materials fee for some Industrial Technology classes.

+ This class is part of the weighted grade point system ◘ This is a Project Lead the Way course

INTRO. TO INDUSTRIAL TECHNOLOGY

Open to: 9-10 1 term, ½ credit

Prerequisite: None

This class is designed for students new to the industrial technology program. Through hands-on activities in several technology lab areas, students will gain knowledge of tool usage, safety in shop areas, basic measurements, and how to construct, create and complete a project. This course provides basic experience for future technology classes and also presents the subject of technology in an enthusiastic and less-intimidating manner. Technology areas may include several of the following: woodworking, drafting, metal technology, video production, electronics, and/or construction technology.

AUTOMOTIVE TECHNOLOGY 1

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Students will learn about basic automotive and light truck maintenance and save money by doing some of your own repairs. This course offers skills that every car owner should know. If you are interested in a career, a hobby, or just to save money, all vehicles need maintenance and you should know how. There is a $20 lab fee.

AUTOMOTIVE TECHNOLOGY 1—WOMEN ONLY

Open to: Women Only 9-12 1 term, ½ credit

Prerequisite: None

Auto Tech 1 for women only is designed for students to learn about basic automotive and light truck maintenance and save money by doing some of your own repairs. This course offers skills that every car owner should know. If you are interested in a career, a hobby, or just to save money, all vehicles need. $20 lab fee.

ELECTRICITY AND ELECTRONICS I

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Electricity, we all use it, but what is it? Where does it come from? In this course, we will discuss and learn about what it is, where it comes from, and how to work with it. We will do some residential wiring and build some electronic kits/projects to be taken home at the completion of this course. $40 lab fee.

MACHINE TOOL TECHNOLOGY I

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Machine Tool Technology I is an introduction to the basics of machining metal, plastic, wood, wax and acrylic. You will learn skills in the use of machine tools such as the Metal Lathe, Vertical Milling Machine, Drill Press, Band Saw, Surface Grinder and Bench Grinder. Additionally students will learn shop safety, blueprint reading, a variety of measurement and hand tools relating to machine shop. Basic operations and set-up of our Haas CNC Lathe and CNC Vertical Milling machines will be introduced. Various projects will be made by students such as our famous, "Brass Hammer". Students will also learn to sharpen ice skates and use the Engraving Machine to customize their cell phone cases. This is a very fun hands on class geared for all levels of ability. Evaluation is project based.

ADVANCED MACHINE TOOL TECHNOLOGY

Open to: 9-12 1 term, ½ credit

Prerequisite: Machine Tool Technology I

Advanced Machine Tool is a class meant to build on the skills learned in Basic Machine Tool. Emphasis will be on programing and operating our Haas CNC Lathe and CNC Milling Machine. This class can be repeated as many times as you want. The first time through Advanced Machine Tool students build a real working air powered motor along with a variety of student choice projects. If repeated, students can choose the projects based on their skill level and desire. Evaluation is project based. *Code to repeat for credit: TAMTTT*

BASIC WELDING

Open to: 9-12 1 term, ½ credit

Prerequisite: None

This is an introductory course to welding and properties of metals. Proper use of tools, materials, equipment, and safe laboratory practices will be studied. Techniques of arc welding, wire-feed welding, oxy-fuel welding, TIG welding, and plasma cutting will be the primary focus. Much of the class is project and laboratory based. Learned skills will be beneficial for home/hobby, post-secondary, and career environments.

ADVANCED WELDING

Open to: 9-12 1 term, ½ credit

Prerequisite: Basic Welding

This course will expand on skills learned in Basic Welding concerning each of the different welding processes. Learning will primarily occur through projects built in the welding laboratory. CNC cutting will be included in some projects. Students will have structured freedom to design and build their own projects. The course is intended for all students who are seeking to improve welding and metal-working skills. *Code to repeat: TAWEL2*

WOODWORKING TECHNOLOGY I

Open to: 9-12 1 term, ½ credit

Prerequisite: None

This is an introductory course that exposes students to basic woodworking techniques. Students will work with several different wood species, hand tools, power tools and power equipment. Learning will occur through the design and creation of several projects. *This course counts toward required art credit for graduation.*

WOODWORKING TECHNOLOGY II

Open to: 9-12 1 term, ½ credit

Prerequisite: Woodworking Technology I

This course introduces students to cabinet building. Students will design and build a cabinet within determined parameters using a wide variety of advanced woodworking techniques. Students will learn how to design, create, and build basic components of modern cabinetry. Upon cabinet completion, students will be required to design and build a small project of their choice.

INTRODUCTION TO ENGINEERING DESIGN

Open to: 9-12 2 terms, 1 credit

Prerequisites: None

Using 3D modeling software, students learn to design, invent, and innovate products though 3d printing, laser engraving and hands on project based learning. Group projects solving real-world problems and challenges are plentiful. *Students will have the opportunity to earn 3 college credits upon successful completion of this course; please see page 4 for further details. This course counts toward required art credit for graduation. This course is part of Project Lead the Way*.

PRINCIPLES OF ENGINEERING

Open to: 9-12 2 terms, 1 credit

Prerequisites: Algebra 2 or concurrent enrollment

Students will explore engineering processes to find out how math, science and technology work together to help people. This course is project based, using projects to explain where the math you have learned is applied. Bridge building, Robotics, electricity, and material testing are just a few of the exciting projects that will put your building and math skills to work! *Students will have the opportunity to earn 3 college credits upon successful completion of this course; please see page 4 for further details. This course is part of Project Lead the Way. This class can be used as a science elective.*

DIGITAL ELECTRONICS

(Alternate years 2020-21)

Open to: 9-12 2 terms, 1 credit

Prerequisite: Electricity and Electronics I recommended

Students use computer simulation to learn about the logic of electronics. Students will design, test, and actually construct circuits and devices. This class will cover the fundamentals of electronics, logic devices, flip-flops, and micro-controllers. *Students will have the opportunity to earn 3 college credits upon successful completion of this course; please see page 4 for further details. This course is part of Project Lead the Way.*

DRAFTING I THROUGH CAD

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Students are introduced to drafting equipment and techniques, proper use of computer Aided Drafting (CAD) software, parametric modeling, and the preparation of various types of drawings found in the architectural and manufacturing/engineering industries. Students will apply the design process to generate scale drawings from models created using powerful 3D modeling software. This course is recommended for students interested in pursuing a career in engineering, design, technical illustration, machining, construction, or architectural design.

DRAFTING II THROUGH CAD

Open to: 9-12 1 term, ½ credit

Prerequisite: Introduction to Engineering Design, or Drafting I through CAD

In this course, students acquire additional knowledge, experience and skills reading various types of technical and engineering drawings including sectional views, auxiliary views, and orthographic drawings. Students study the critical relationship of drafting to the manufacturing industry, refine skills in using CAD software, and use prototype models to present design ideas. Students will also become more familiar with international symbols used in various technical drawings.

ROBOTICS

Open to: 9-12 1 term, ½ credit

Prerequisite: None

In this course students will conquer robotics based engineering problems, by designing, building and competing with their own robot. They will be given an introduction to the VEX EDR robotics platform, and from it will build a robot to compete in an action packed game and classroom tournament. Students will also be assigned robot challenges throughout the term and given short deadlines to complete a working robot to solve the problem. This course is for grades 9-12.

ROBOTICS 2
Open to: 9-12 1 term, ½ credit
Prerequisite: Robotics
This class will allow a student to deepen their understanding of Robots they would have gained in Robotics. This class will allow a student to further their understanding of programming, digital and analog sensors as well as build a robot that operates on its own without a driver (autonomously). Students will work individually and in small groups to build, program, and compete in a variety of challenges that will allow them to apply these new skills and processes.

CONSTRUCTION TECHNOLOGY FOR WOMEN
Open to: 9-12 1 term, ½ credit
Prerequisite: Woodworking Technology I or Introduction to Industrial Technology
This course is designed to give **female** students an introduction to the construction, maintenance and operation of residential homes through a variety of hands-on experiences in construction-related areas. Upon completion of the course, a student should have a broad understanding of home building techniques and processes and have the knowledge to benefit them as a future homeowner. This course will also show students the many career opportunities that are possible in the field of carpentry and construction.

CONSTRUCTION TECHNOLOGY I
Open to: 9-12 1 term, ½ credit
Prerequisite: Woodworking Technology I or Introduction to Industrial Technology
This course is designed to give students an introduction to the housing industry through a variety of hands-on experiences in construction-related areas. Upon completion of the course, a student should have a broad understanding of building techniques and have the ability to apply them as a future homeowner and consumer. This course also has application for the student who is interested in exploring a career in construction.

JROTC

The objective of JROTC is to motivate young people to be better citizens. JROTC is a multi-semester program delivered during the regular school hours with opportunities for many extra-curricular activities. Overall, JROTC cadets are taught communication skills, citizenship, leadership, history, technology awareness, and health and wellness. Army JROTC stresses personal responsibility, ethics, and the importance of service to the community and the nation. Cadets can earn tangible rewards for accomplishments including promotions, ribbons, medals, honors, and appointments to the Cadet Battalion leadership positions. Army JROTC is not a recruitment program and students do not incur any type of military commitment. Extra-curricular activities include a Color Guard team used at school and local functions, and Knowledge Bowl, Drill, and Physical Fitness teams that can compete at the regional and national levels.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
1 credit	JROTC1	JROTC LEVEL I	2 terms	None	9-12
1 credit	JROTC2	JROTC LEVEL II	2 terms	JROTC Level I	9-12

JROTC LEVEL I
Open to: 9-12 2 terms, 1 credit
Prerequisite: None
Level I students will develop self-awareness, teamwork, leadership, communication skills and an appreciation for physical fitness. Emphasis is on the responsibilities of citizenship, personal growth, study skills, and learning styles.

JROTC LEVEL II
Open to: 9-12 2 terms, 1 credit
Prerequisite: JROTC I
Level II students expand and refine their understanding of cultural diversity, communication skills, leadership, and health and physical fitness. Emphasis shifts to learning to follow others, being a contributing member of a team, and service to the school and community.

MATHEMATICS

Four credits in mathematics is the minimum requirement for graduation from BHS to include Geometry, Algebra 2 and Statistics.

The mathematics curriculum has been designed to give students a choice of courses relevant to their ability, interest, chosen vocation, and/or college requirements. All students who enjoy mathematics are encouraged to take as many electives as their time allows. This extra exposure to mathematics should help students become better prepared for life and may allow them to enter a college or technical college program with advanced standing.

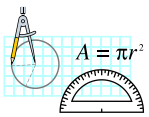
In 8th grade, students are enrolled in one of two math programs: Basic Algebra, or Algebra. The 8th grade math instructors and/or guidance counselors will determine your appropriate math placement.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
1 credit	**MALGI**	ALGEBRA 1 ▷	2 terms	None	9-12
½ credit	MAALG1	ADVANCED ALGEBRA 1	1 term	8th Grade Algebra or Algebra 1	9-10
1 credit	MXALG2	ACCELERATED ALGEBRA 2 **+**	2 terms	8th Grade Algebra or Advanced Algebra 1	9-10
1 credit	MGEOM	GEOMETRY	2 terms	Algebra 1	9-12
1 credit	MAGEO	GEOMETRY APPLICATIONS ▷	2 terms	Algebra 1	9-12
1 credit	MXGEO	ACCELERATED GEOMETRY **+**	2 terms	8th Grade Algebra	9-11

+ This class is part of the weighted grade point system ▷ Not NCAA approved

ALGEGRA 1
Open to: 9-12 2 terms, 1 credit
Prerequisite: None
This course is designed for students who have successfully completed 8th grade Basic Algebra. It is intended for students who plan on continuing in the regular math sequence and may be considering attending a college or technical college. Some topics include algebraic expressions, equations, inequalities, polynomials, factoring, rational expressions, ratio and proportions, graphing, exponents, and absolute value. This course is a prerequisite for Geometry. *This course is not approved by NCAA Eligibility Center as a core course.*

ADVANCED ALGEBRA 1
Open to: 9-10 1 term, ½ credit
Prerequisite: 8th Grade Algebra or Algebra 1
This course is designed for 9th grade students who have done fairly well in 8th Grade Algebra and yet need some review prior to taking Algebra 2. It is a review of linear algebra topics as well as an introduction to more advanced topics in the Algebra 1 textbook. In addition to this course, these 9th Grade students should be signing up for Geometry or Accelerated Geometry.

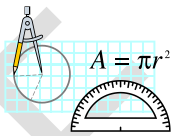


ACCELERATED ALGEBRA 2
Open to: 9-10 2 terms, 1 credit
Prerequisite: 8th Grade Algebra or Advanced Algebra 1
This course is designed for students who have successfully completed the highest level of 8th Grade Algebra. It is an accelerated course intended for students who plan to attend college or technical college. Some topics include linear equations, inequalities, systems of equations, relations and functions, polynomials, rational expressions, rational equations, radicals, complex numbers, quadratics, exponents, variations, and graphing. Additional topics will be covered as time permits.

GEOMETRY
Open to: 9-12 2 terms, 1 credit
Prerequisite: Algebra 1
This course is designed to acquaint the student with Geometry as a mathematical system. Two and three-dimensional figures will be explored with emphasis on undefined terms, definitions, postulates and theorems. Deductive and inductive proofs will be studied as strategies to enhance the student's understanding of geometric concepts. Appropriate algebraic skills will be used to solve problems involving various plane and solid figures, similar triangles and right triangles.

GEOMETRY APPLICATIONS
Open to: 9-12 2 terms, 1 credit
Prerequisite: Algebra 1
This course is designed to allow students to be exposed to geometric concepts through real life applications. There will be less emphasis on formal proofs than the other geometry courses. Students who wish to take trigonometry in the future should take Geometry MGEOM instead of this course. *This course is not approved by NCAA Eligibility Center as a core course.*

ACCELERATED GEOMETRY
Open to: 9-10 2 terms, 1 credit
Prerequisite: 8th Grade Algebra
This course is designed to acquaint the student with Geometry as a mathematical system. Two and three-dimensional figures will be explored with emphasis on undefined terms, definitions, postulates and theorems. Deductive and inductive proofs will be studied as strategies to enhance the student's understanding of geometric concepts. Appropriate algebraic skills will be used to solve problems involving various plane and solid figures, similar triangles and right triangles. Additional topics will be discussed as time permits. This course is intended for students who are interested in covering Geometry topics in greater depth and at a faster pace.



MUSIC

The Music Department develops the talents and enhances the student's appreciation of music.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
1 credit	MUBA11	BAND I-VARSITY BAND (1st semester)	2 terms	8th Grade Band or Instructor Approval	9-12
1 credit	MUBA12	BAND I-VARSITY BAND (2nd semester)	2 terms	8th Grade Band or Instructor Approval	9-12
1 credit	MUBC11	BAND/CHOIR I (1st semester)	2 terms	8th Grade Band or Instructor Approval	9-12
1 credit	MUBC12	BAND/CHOIR I (2nd semester)	2 terms	8th Grade Band or Instructor Approval	9-12
1 credit	MUBO11	BAND/ORCHESTRA I (1st semester)	2 terms	8th Grade or Instructor Approval	9-12
1 credit	MUBO12	BAND/ORCHESTRA I (2nd semester)	2 terms	8th Grade or Instructor Approval	9-12
1 credit	MUCH9	CHOIR I-VARSITY	4 terms	None	9-12
1 credit	MUCO11	CHOIR/ORCHESTRA I (2) Sem 1	2 terms	8th Gr. Orchestra or Instructor Approval	9-12
1 credit	MUCO12	CHOIR/ORCHESTRA I (2) Sem 2	2 terms	8th Gr. Orchestra or Instructor Approval	9-12
1 credit	MUOR11	ORCHESTRA I-PREP (1st semester)	2 terms	8th Gr. Orchestra or Instructor Approval	9-12
1 credit	MUOR12	ORCHESTRA I-PREP (2nd semester)	2 terms	8th Gr. Orchestra or Instructor Approval	9-12
½ credit	OJISD	AMERICAN INDIAN SONG AND DANCE	1 term	None	9-12

BAND I—VARSITY BAND (MUSIC FUNDAMENTALS)
Open to: 9-12 2 terms, 1 credit
Prerequisite: 8th Grade Band or Instructor Approval
Students will review and study band fundamentals. The history and enjoyment of band music will be stressed. Students are encouraged to develop their band skills to higher levels of achievement. Class members are encouraged to participate in Pep Band, Jazz Band, Marching Band and Solo/Ensemble Band Contest.
MUBA11—1st semester, MUBA12—2nd semester
Options: Band/Choir I, or Band/Orchestra I

ORCHESTRA I–PREP ORCHESTRA (MUSIC FUNDAMENTALS)
Open to: 9-12 2 terms, 1 credit
Prerequisite: 8th Orchestra or Instructor Approval
The Prep Orchestra prepares its players to advance to either Philharmonia or Symphony Orchestra the following year. Prep Orchestra performs traditional orchestra repertoire within the students' technical range. This course emphasizes basic fundamentals of music and playing skills.
MUOR11—1st semester, MUOR12—2nd semester
Options: Band/Orchestra I, or Choir/Orchestra I

CHOIR I—VARISTY CHOIR (MUSIC FUNDAMENTALS)
Open to: 9-12 4 terms, 1 credit
Prerequisite: None
This mixed chorus is open to all 9th and 10th grade students who enjoy singing. Students will learn basic singing techniques and perform all styles of choral music. A strong emphasis will be placed on learning to read music through recognizing key signatures and sight singing. Students will learn how to approach each rehearsal and performance in a professional manner.
***Note**: 9th grade students choosing Choir as their only music course should sign up for the following combination:*
*MUCH9—9th Grade Choir **AND***
*SCCH9I--Science Invest. Sem. 1 (½ cr) **AND***
SCCH92--Science Invest. Sem. 2 (½ cr)

Other options: Band I/Choir
Choir/Orchestra I

AMERICAN INDIAN SONG AND DANCE
Open to: 9-12 1 term, ½ credit
This class is designed to teach and engage students into the traditional aspects of American Indian singing and dancing as well as contemporary versions of singing and dancing with emphasis on history, culture and performance.

PHYSICAL EDUCATION

The Bemidji High School Physical Education Program will focus on the developmental needs and interests of all students. Our curriculum promotes physical fitness and skill development, which will enable students to participate in lifetime physical activity. Through participation in physical education, students will become more purposeful thinkers, effective communicators, self-directed learners, productive group participants and responsible citizens. Courses are based on five themes: (1) propelling an object, (2) striking, (3) body control, (4) fitness, and (5) receiving. Outdoor educational experiences are included for recreation and enjoyment. Biomechanical principles will be covered to teach students how to move safely and efficiently.

All 9th graders must take Lifetime Fitness or Personal Fitness. After completing Lifetime Fitness or Personal Fitness, students must take at least one Level 1 course before taking any Level 2 courses.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
PRE-LEVEL 1					
½ credit	PELIF	LIFETIME FITNESS	1 term	None	9
½ credit	PEPF1	PERSONAL FITNESS	1 term	None	9-12
LEVEL 1					
½ credit	PEST1	STRENGTH TRAINING & COND. I	1 term	Lifetime Fit. Recommended	9-12
½ credit	PETS1	TEAM & INDIVIDUAL SPORTS I	1 term	Lifetime Fit. Recommended	9-12
½ credit	PERAT	RACQUET/TARGET SPORTS	1 term	Lifetime Fit. Recommended	9-12
½ credit	PEAQ1	AQUATICS I	1 term	Lifetime Fit. Recommended	9-12
½ credit	PEPULU	PLAY UNIFIED, LIVE UNIFIED	1 term	Lifetime Fit. Recommended	9-12

PRE-LEVEL 1: OFFERS A VARIETY OF ACTIVITIES TO PREPARE A STUDENT FOR LEVEL 1 CHOICES

LIFETIME FITNESS
Open to: 9 1 term, ½ credit
Prerequisite: None
Students will learn and practice health-related fitness components, muscular strength, muscular endurance, cardio-respiratory endurance, and flexibility through physical activity. They will evaluate physical fitness results to formulate a personal improvement plan. Basic skills, rules, strategies, and sportsmanship will be taught.

PERSONAL FITNESS
Open to: 9-12 1 term, ½ credit
Prerequisite: None
Personal Fitness is an introductory Physical Education class that concentrates on learning the fundamental basics of a healthy lifestyle. Students will learn health related components through activities based on individual fitness. These activities include: yoga, Pilates, kettlebell, Zumba, and cross-training. Students will learn how to assess, monitor, and improve their physical fitness.

LEVEL 1 COURSES:

STRENGTH TRAINING AND CONDITIONING I
Open to: 9-12 1 term, ½ credit
Prerequisite: Lifetime Fitness recommended
In this course, students will be involved in an extensive strength and conditioning program. Each student will be instructed in a program to best meet individual needs. Emphasis will be on safety, basic lifting techniques, physiological development processes, and the total fitness-training concept.

TEAM AND INDIVIDUAL SPORTS I
Open to: 9-12 1 term, ½ credit
Prerequisite: Lifetime Fitness recommended
Students will learn the basic rules, skill and safety procedures and apply principles of training necessary to improve fitness in a variety of sports. Activities include: basketball, volleyball, soccer, softball, physical conditioning, weight training, floor hockey, golf and swimming. Content will vary depending on season.

RACQUET/TARGET SPORTS
Open to: 9-12 1 term, ½ credit
Prerequisite: Lifetime Fitness recommended
Students will be introduced to basic striking skills used in a variety of racquet sports and activities. Beginning strategies, rules and competencies will be integrated into game situations. Activities include: pickle ball, badminton, tennis and archery. Content will vary depending on season.

AQUATICS I
Open to: 9-12 1 term, ½ credit
Prerequisite: Lifetime Fitness recommended
Students will improve stroke technique, increase water safety knowledge, improve fitness and explore varied water activities. Activities include water polo, volleyball, basketball and baseball.

PLAY UNIFIED, LIVE UNIFIED
Open to: 9-12 1 term, ½ credit
Prerequisite: Lifetime Fitness recommended
Open to students in General and Special Education. Play Unified, Live Unified will combine an approximately equal number of students with disabilities and students without disabilities. General Education students would earn Level 2 Special Olympics Coach Certification during the course.

SCIENCE

Science is an active study of our environment or nature. Students will gather their information from the original source, from nature itself through real investigation in the laboratory. It is recommended that college-bound students interested in a science career take as many of the science electives as possible in addition to the required science courses. Four credits of science, including Science Investigation, Biology, and Chemistry or Physics are required for graduation.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	SC9S1	SCIENCE INVESTIGATION 1	1 term	None	9
½ credit	SC9S2	SCIENCE INVESTIGATION 2	1 term	None	9
1 credit	SCASC	APPLIED SCIENCE ~▷	2 terms	Teacher Rec.	9

~ Modified grading system ▷ Not NCAA approved

SCIENCE INVESTIGATION 1
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This lab-based course emphasizes analysis of student-generated data. Students learn lab skills and the basic nature of science. This is an introduction to the physical sciences focusing specifically on chemistry and earth systems.

SCIENCE INVESTIGATION 2
Open to: 9-12 1 term, ½ credit
Prerequisite: None
This lab-based course emphasizes analysis of student-generated data. Students learn lab skills and the basic nature of science. This is an introduction to the physical sciences focusing specifically on physics and earth systems.

NOTE: 9th grade students taking choir as their only music course should sign up using all of the following choir and science course codes.

- MUCH9—9th Grade Choir Year Long
- SCCH9I—Science Invest. Sem. 1 (½ cr)
- SCCH92—Science Invest. Sem. 2 (½ cr)

APPLIED SCIENCE
Open to: 9 2 terms, 1 credit
Prerequisite: Teacher Recommendation
This is a course that uses science experiments to explore and introduce the areas of science that include chemistry, physics, and earth science. Students gain a solid foundation of basic science concepts with emphasis on the study skills needed to succeed in science courses at BHS. *This course does not meet core NCAA Clearinghouse requirements.*

SOCIAL STUDIES

Social Studies classes provide students an opportunity to explore an immense range of approaches people have taken to understand their political, economic and social lives. This enables young people to discuss and choose alternatives that can provide a guide to effective action in the future. Four credits of social studies are required for graduation.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	SSAI1	AMERICAN INDIAN HISTORY I	1 term	None	9-12
½ credit	SSAI2	AMERICAN INDIAN HISTORY II	1 term	None	9-12
½ credit	SSPAP	ABNORMAL PSYCHOLOGY	1 term	None	9-12
½ credit	SSPHB	THE PSYCHOLOGY OF HUMAN BEHAVIOR AND PERSONALITY	1 term	None	9-12
½ credit	SS9S1	9TH GRADE SOCIAL STUDIES I	1 term	None	9
½ credit	SS9S2	9TH GRADE SOCIAL STUDIES II	1 term	None	9
1 credit	SSPA9	PRE-AP 9TH GRADE SOCIAL STUDIES	2 terms	None	9
½ credit	SSPHI	PHILOSOPHY AND HUMAN VALUES	1 term	None	9-12
½ credit	SSREL	THE PHILOSOPHIES OF WORLD RELIGIONS	1 term	None	9-12
½ credit	OJIHC	OJIBWE HISTORY AND CULTURE	1 term	None	9-12

AMERICAN INDIAN HISTORY I

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Students will gain understanding and appreciation of the unique perspectives of lifestyles, cultures and traditions of the American Indian people. They will learn about the habits of Native people and their lives up to their relocation and the establishment of reservations. This class will not substitute for U.S. History.

AMERICAN INDIAN HISTORY II

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Students will understand how the lifestyles, cultures and traditions of the American Indian people changed during the period of reservations, treaties, tribal governments and economics up to the present. This class will not substitute for U.S. History.

ABNORMAL PSYCHOLOGY

Open to: 9-12 1 term, ½ credit

Prerequisite: None

Do you know someone who suffers from depression or anxiety? This course is an introduction to the study of mental disorders such as mood disorders, personality disorders, and schizophrenia. The course focuses on theoretical models developed by psychologists to help explain the causation and treatment of mental disorders. The emphasis of the content and discussion will include diagnostic classification, behavioral, and biological features of the major syndromes of psychopathology.

PSYCHOLOGY OF HUMAN BEHAVIOR & PERSONALITY

Open to: 9-12 1 term. ½ credit

Prerequisite: None

Why do people behave the way they do? Why do you remember something from 10 years ago, but forgot where you put the car keys? Why do you like or dislike to eat steak? This course will attempt to answer those questions and more. It is an introduction to the scientific study of human behavior. A brief historical account of the discipline of psychology and an introduction to the scientific method serve as the foundations of the course. The topics include, but are not limited to, sensation and perception, sleep and dreams, social interactions, and personality.

9TH GRADE SOCIAL STUDIES I

Open to: 9 1 term, ½ credit

Prerequisite: None

This course is designed to expose students to the social sciences. The course will include instruction on the basic knowledge of civics and geography.

9TH GRADE SOCIAL STUDIES II

Open to: 9 1 term, ½ credit

Prerequisite: None

This course is designed to expose students to the social sciences. The course will include instruction on the basic knowledge of economics and geography.

PRE-AP 9TH GRADE SOCIAL STUDIES

Open to: 9 2 terms, 1 credit

Prerequisite: None

This course will be taught with an AP vertical teaching AP approach. In addition to being the same content as 9th Grade Social Studies I and II, coursework will contain supplemental readings and writings. There will be a focus on the skills necessary for success in Advanced Placement such as analyzing content and writing skills. This course is not required for the AP program.

PHILOSOPHY AND HUMAN VALUES

Open to: 9-12 1 term, ½ credit

Prerequisite: None

This course will introduce the students to the study of a range of philosophical world views. Students examine human morals, character, behavior and many of life's most meaningful questions. They will examine the rules of logic, epistemology and the basic principles taught by many of the world's greatest philosophers.

THE PHILOSOPHIES OF WORLD RELIGIONS

Open to: 9-12 1 term, ½ credit

Prerequisite: None

This class will explore the philosophies and conceptual world views of several of the most widely practiced and influential religions of the world. The content will emphasize, but not be limited to, the exploration and analysis of Buddhist, Judeo Christian, and Islamic views of reality and the world.

OJIBWE HISTORY AND CULTURE

Open to: 9-12 1 term, ½ credit

Prerequisite: None

This course is designed to teach and expose students to the history and culture of the Ojibwe people. The Ojibwe people are one of the largest First Nations groups in the country and have played an influential and historical role throughout the Great Lakes area including Minnesota. Students will gain an understanding and appreciation of this history and traditions of the Ojibwe including philosophy, religion and lifestyle.

SPECIAL EDUCATION

~ Special Education classes are part of the modified grading system.
Please see your case manager for information about Special Education courses

VISUAL ARTS

Develop your visual literacy. Art is the first language used to record permanent expressions of cultures. Learn to see, and develop higher-level thinking skills such as analysis, synthesis, creativity and interpretation. Art has significant cultural value and can enrich your life as a means of relaxation or therapy. The BHS visual arts program provides instruction in aesthetic attending, art history, and criticism as well as vital studio experience.

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
½ credit	ASARC	INTRODUCTION TO VISUAL ART	1 term	None	9-10
½ credit	ARTD1	ART I DRAWING	1 term	None	9-12
½ credit	ARTC1	ART I COLOR & DESIGN	1 term	None	9-12
½ credit	AITSC	INTRODUCTION TO SCULPTURE	1 term	None	9-12
½ credit	ANACR	AMERICAN INDIAN ARTS & CRAFTS	1 term	None	9-12
½ credit	AIGD	INTRO. TO GRAPHIC DESIGN	1 term	None	9-12
½ credit	ASMM	STUDIO MIXED MEDIA	1 term	None	9-12
½ credit	AIPM	INTRODUCTION TO PRINTMAKING	1 term	None	9-12

Students may be expected to pay a materials fee for some Visual Art classes.

INTRODUCTION TO VISUAL ART

Open to: 9-10 1 term, ½ credit
Prerequisite: None
Welcome to Visual Art! Are you wondering which art class to take? This class, open to all 9th and 10th graders, will help you decide! Students will do "mini" projects using mediums such as acrylic & watercolor paint, pencil, colored pencils, clay, wire, wood, and more.

ART I DRAWING

Open to: 9-12 1 term, ½ credit
Prerequisite: None
Art I Drawing offers students an introductory experience in viewing and analyzing a variety of art works. Students will also be introduced to significant art styles and artists. Students will create art works while exploring the use of line in appropriate media. All work will be evaluated by exhibition and critique.

ART I COLOR & DESIGN

Open to: 9-12 1 term, ½ credit
Prerequisite: None
Students will have the opportunity to work in color in various media forms. Study in art history will involve significant art styles and artists not featured in Art I Drawing. Student projects will be reviewed through the exhibition and critique process.

INTRODUCTION TO SCULPTURE

Open to: 9-12 1 term, ½ credit
Prerequisite: None
This course is for students who enjoy working with clay, plaster, wood, wire, and mixed media while developing technical skills and artistic appreciation of three-dimensional artwork. Projects will be tied to discussion of art's historical topics and uses in modern societies. Students will use a variety of methods, including assemblage, casting, carving, and modeling. Creativity, craftsmanship, personal effort, critical thinking, and sketchbooks, are all included in the grading process. Students must be prepared to question and critique their own work as well as the works of other artists, and approach each project with an open mind and positive attitude.

AMERICAN INDIAN ARTS & CRAFTS

Open to: 9-12 1 term, ½ credit
Prerequisite: None
This class will introduce and engage students into traditional and contemporary First Nations art. Students will also gain an understanding and appreciation of the history and culture related to art projects.

INTRODUCTION TO GRAPHIC DESIGN
Open to: 9 - 12 1 term, ½ credit
Prerequisite: None
This course will introduce students to the fundamentals of digital and graphic design. The course deals with controlling computer technology to produce an artistic image. Students will learn computer illustration techniques in Adobe Illustrator, image manipulation in Adobe Photoshop, graphic design and visual literacy using Adobe InDesign, digital camera use, and the elements and principles of art in composition. Art historical movements will also be studied as they relate to student projects.

STUDIO MIXED MEDIA
Open to: 9-12 1 term, ½ credit
Prerequisite(s): None
Spark your imagination as we embark on a creative class highlighting our modern society and social changes. This class will focus on creating one-of-a-kind art pieces. Students will create image making through the 3-D application of a variety of mediums and materials typically newspaper, digital images, magazines, paint, glue, color, textiles, paper, wire, string and found objects mounted on paper, board, wood or canvas.

INTRODUCTION TO PRINTMAKING
Open to: 9-12 1 term, ½ credit
Prerequisite(s): None
Students will acquire the skills to create and critically evaluate prints ranging from simple, one color monoprints to screen printing t-shirts and posters to multi-color reductive linoleum cuts. They will understand the historical uses for printmaking

WORLD LANGUAGE

Modern language study is essential for international understanding by all Americans and includes an emphasis on cultures of other peoples. For students planning on college, these courses are an excellent beginning for college language courses. For those not planning on college, this may be their best opportunity to learn a language. There are more opportunities now than ever before to use another language in travel, student exchange programs, business, government service, and the armed services.

Please note: Foreign language requirements for post-high school education are varied. Students may wish to check with their intended university to make sure their chosen language meets the foreign language requirement of that particular institution.

"The sum of human wisdom is not contained in any one language." Ezra Pound

CREDIT	COURSE CODE	COURSE TITLE	DURATION	PREREQUISITE	GRADES
1 credit	WASL1	AMERICAN SIGN LANGUAGE I	2 terms	None	9-12
1 credit	WASL2	AMERICAN SIGN LANGUAGE II	2 terms	American Sign Language I	9-12
1 credit	WGER1	GERMAN I	2 terms	B or higher in 8th gr. English	9-12
1 credit	WGER2	GERMAN II	2 terms	German I	9-12
1 credit	WOJI1	OJIBWE LANGUAGE I	2 terms	None	9-12
1 credit	WOJI2	OJIBWE LANGUAGE II	2 terms	Ojibwe Language I	9-12
1 credit	WSPA1	SPANISH I	2 terms	B or higher in 8th gr. English	9-12
1 credit	WSPA2	SPANISH II	2 terms	Spanish I	9-12

AMERICAN SIGN LANGUAGE I
Open to: 9-12 2 terms, 1 credit
Prerequisite: None
This course is designed for the student with little or no skills and knowledge of ASL. It is designed to develop the students' receptive skills, and their expressive and conversational skills in functional settings. The students will learn basic information about Deaf Community and Culture. ASL vocabulary, linguistic features, and cultural information will be introduced primarily through ASL, and secondarily of written English. Minimal voice will be used once the semester gets started. **(Not all universities with a world language entrance requirement will accept ASL. Check with the university you plan to attend.)**

AMERICAN SIGN LANGUAGE II
Open to: 9-12 2 terms, 1 credit
Prerequisite: American Sign Language I
Students will continue to develop fluency in American Sign Language. They will develop an awareness of appropriate behaviors and respect within the Deaf Culture. An emphasis will be placed on interpersonal communication, grammatical development and cross-cultural adjustment skills. The majority of instruction will be through signed, and not voiced, communication. **(Not all universities with a world language entrance requirement will accept ASL. Check with the university you plan to attend.)**

GERMAN I
Open to: 9-12 2 terms, 1 credit
Prerequisite: B or higher in 8th grade English
German I offers a basic introduction to the German language and culture. German I students will learn to pronounce, speak, listen to, read, and write the German language through themed vocabulary units. German culture and the basics of German grammar will be presented in these units with emphasis on verbs in the present tense.

GERMAN II
Open to: 9-12 2 terms, 1 credit
Prerequisite: German I
German II students will continue to sharpen their listening, reading, writing, and speaking skills. Students will read a small selection of short stories and fairy tales. They will continue to build a working vocabulary, along with learning different verb tenses and sentence structures. German culture continues to be presented.

OJIBWE I
Open to: 9-12 2 terms, 1 credit
Prerequisite: None
This course offers a basic introduction to the Ojibwe language. Listening, speaking, reading and writing are taught with the major emphasis on listening to the sounds of the language and making an effort to speak it. Practice with recordings of native speakers helps students with the correct pronunciation. The cultural background of Ojibwe-speaking people will be presented through various media to place the language in the appropriate context.

OJIBWE II
Open to: 9-12 2 terms, 1 credit
Prerequisite: Ojibwe I
The Ojibwe language student will continue to develop skills and understanding of the Ojibwe language. A major goal of this course is to increase the student's self-confidence in understanding and speaking the language.

SPANISH I
Open to: 9-12 2 terms, 1 credit
Prerequisite: B or higher in 8th grade English
Students learn about Spanish language and culture through a variety of methods. Conversation, comprehension, reading, writing, and pronunciation skills are addressed while learning basic vocabulary related to daily living, grammatical structures and other communication strategies.

SPANISH II
Open to: 9-12 2 terms, 1 credit
Prerequisite: Spanish I
Through continued listening and speaking practice the students will increase their vocabulary of useful expressions. Students will read and write essays, short stories, and articles on Spanish culture and continue studying grammatical forms and idiomatic expressions.