

BAKER HIGH SCHOOL **EDUCATIONAL PLANNING**

STAFFING DECISIONS

Decisions regarding who teaches which classes are made by the Board of Education, Superintendent of Schools and Building Principal.

COURSE OFFERING DECISIONS

Decisions regarding which classes will be offered are made by the Building Principal, Teachers and Students. The school administration uses spring student registrations to determine which classes will be offered the next year. When students sign up for classes in the spring, they are helping choose the classes that will be scheduled for the next year. Thus, if there are just a few students that request a class, then there is a good chance that class will not be offered. When students come to school in the fall and suddenly decide to make schedule changes, the new classes they desire may not be available.

REGISTRATION DECISIONS

The School Counselor and Teachers assist students with their registration decisions. Students register for classes by talking with their teachers, entering their choices into the Academic Planner on the Infinite Campus Portal, or turning them into the School Counselor.

SCHEDULE CHANGES

All schedule changes are made with the assistance of the Principal, Assistant Principal and the Counselor. Baker High School tries to be very student centered. We want our students to be happy with their schedules. Students may attempt to arrange the times their classes meet by talking with the School Counselor or the Principals; however, when making schedule changes the school must also consider issues such as class size.

Advanced Placement (AP) classes may be dropped at any time during the first nine (9) weeks. Following that, they may only be dropped at the end of the first semester and third quarter.

DEFINITIONS

1. The school year consists of two semesters.
2. Unit of Credit – a unit of credit is earned by passing a course for two semesters. One-half credit is earned by passing a course for one semester.
3. Pre-requisite – this refers to the requirements and/or course(s) that must be satisfied before taking certain courses.
4. Required subjects – those that must be completed to qualify for a diploma.
5. Electives – subjects that may be chosen by the student; considering interests, aptitudes and future plans.

PLANNING A STUDENT'S CLASS SCHEDULE

DEVELOP A FOUR YEAR PLAN OF STUDY

Your School Counselor will help you plan your four years of high school in such a manner that your course selections will meet graduation requirements and help you in preparing for the future. The Counselor will also encourage you to take courses that enhance your development and create a well-rounded personality by including the arts, personal interests, and developmental skills during each of your high school years.

A four-year-plan of study will help you determine which classes are pre-requisites for other classes, those that provide excellent job skills, or those classes that are required for college admission. A four-year plan of study will help you to understand which classes are required for graduation, which classes are needed for admission into college, and which classes are needed for you to make the most of your high school education.

REVIEW YOUR PLAN OF STUDY EACH YEAR AFTER ADJUSTING TO THE CURRENT COURSE SCHEDULE. YOUR PLAN IS SAVED EACH YEAR AND CAN BE ACCESSED IN THE GUIDANCE OFFICE AND/OR ONLINE IN THE ACADEMIC PLANNER ON THE CAMPUS PORTAL.

Baker High School 2017-2018 Course Registration Guide

Due to scheduling conflicts, not every student is able to schedule all of the classes they desire each year. If you are forced to drop a course due to a conflict, you should check your four-year plan of study and make the necessary adjustments. The school administration will schedule courses to accommodate the majority of students' needs, within the constraints of the existing staff and budget. The master schedule is generated by using student class registrations. If you want the schedule to reflect your wants and needs, be sure to develop a four-year plan of study and to pre-register each spring.

If you are considering a four year college for post-high school education, you will be expected to take numerous college credits in general education courses regardless of your major or specialty area. These include social sciences, math, chemistry, physics, humanities, health and wellness, English and history. A well-rounded high school curriculum provides a helpful background to these general education courses. An undergraduate 4-year degree is really a liberal arts degree with a special area of interest. Consider also that in the career world, the average person changes careers numerous times and within careers the knowledge base continually changes. Having knowledge in one subject area is no longer sufficient.

In addition, if you are planning to compete in college athletics, there are specific NCAA and NAIA requirements. See page 5 of this handbook and your guidance counselor for more information.

PLAN AHEAD!

GRADUATION REQUIREMENTS

To motivate students toward satisfactory performance in every course of study, the requirements for graduation from Baker High School will be twenty-two credits according to the following schedule:

4 Semesters Physical Education & Health	2 Credits
8 Semesters Language Arts	4 Credits
2 Semesters World History	1 Credit
2 Semesters US History	1 Credit
2 Semesters US Government	1 Credit
2 Semesters Biology	1 Credit
2 Semesters Physical Science	1 Credit
6 Semesters Mathematics	3 Credits
1 Semester Speech	.5 Credit
2 Semesters Practical Arts (1 must be Computer Apps I)	1 Credit
2 Semesters Fine Arts	1 Credit
13 Semesters Elective Courses	5 .5 Credits

Practical Arts Classes:

Agriculture Education, Business, Family & Consumer Science, Technology Education, Industrial Arts, Driver's Education

Fine Arts Classes:

Art, Choir, Band, Web Page Design, Drafting, Computer Graphic Design and Fiber Arts (Quilting)

If individual cases arise that seem to make these requirements unrealistic, a study team may be formed that will include the guidance counselor, one administrator, and one instructor. The team may consider the student's status based on a study of the individual case to justify waiver of the twenty-two credit requirement, provided that the individual student has entered a special tutoring program for at least two semesters and meets minimum state standards for graduation. **Please note that students may have only one study hall per year. They can not take a full year of study hall and a full year of weights together. They can take a full year of weights and a half year of study hall and vice versa, but a full year of both is not allowed. Exception: If a student takes Zero Hour Weights, they may take a full year of study hall.**

COLLEGE ADMISSION REQUIREMENTS

Research shows higher ACT/SAT scores and completion of recommended core coursework are closely associated with higher college graduation and persistence rates. Public colleges and universities in each state have their own unique admission requirements as do private colleges and universities. When you are doing your high school course planning it is important to take into consideration the requirements of the colleges you may be interested in attending. As an example of what admission standards may look like, the requirements for the Montana University System are explained below.

In order to enter the four-year programs of the Montana University System, students must demonstrate that they have the math skills needed for college level work by either earning satisfactory test scores or completing a rigorous high school core that includes four years of mathematics. These standards were adopted by the Montana Board of Regents in July 2003. In addition, the Montana Board of Regents adopted Writing Proficiency Standards that students enrolling in four-year programs must meet.

MONTANA UNIVERSITY SYSTEM ADMISSION POLICIES

In order to be fully admitted to any of the **four-year campuses** of Montana University System, entering high school graduates are required to meet the following standards:

- **Achieve one of the following requirements:**
 1. Earn at least a 2.5 high school GPA; or
 2. Rank in the top half of the school's graduating class; or
 3. Score composite ACT of 22 or higher, or SAT total score of 1120 or higher (except MSU-Northern requires ACT score of 20 SAT score of 1050)
- **Complete the Regents' college preparatory program or the Rigorous Core College Preparatory Program** (Refer to the chart on the following page for requirements.)
- **Demonstrate Mathematics Proficiency:** Earn an ACT Math score of 22, SAT math score of 27.5, or complete the Rigorous Core.
- **Demonstrate Writing Proficiency:** Earn an ACT ELA score of 18 (average of the English, reading and writing scores) or score a 7 on the ACT essay, SAT writing and language test score of 25 or higher.

Provisional Admission is granted to students who do not demonstrate the ability to meet the mathematics and/or writing proficiency standards.

Exemptions: Entrance requirements do NOT apply to the following groups:

- Non-traditional students (those who do not enter college for a period of at least three years following high school graduation);
- Summer-only students; and
- Part-time students taking seven or fewer credits per semester.

In addition, institutions may exempt up to 15% of first-time, full-time undergraduates from the entrance requirements listed above. This exemption is reserved for students with special talents, minorities, and others who demonstrate special needs.

Open Admission: Two-year colleges in the Montana University System offer open admissions that do not require the academic standards listed above. However, certain programs within the college (such as nursing) may have admission standards. A high school diploma or HiSET (GED) is required for admission to all degree programs.

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Course	College Prep	Years	Rigorous Core	Years
Mathematics	Algebra I, II, and Geometry (or the sequential content equivalent). Students are encouraged to take a math course in their senior year.	3 <i>*Note: In school systems where a student may take Algebra I in the 8th grade, the student must still complete 3 years of college preparatory math in high school.</i>	Algebra I, II, and Geometry (or the sequential content equivalent) and a course beyond Algebra II (such as Trigonometry, Pre-Calculus, Calculus, Computer Math, or course equivalent) All must have grades of 'C' or better.	4 **
English	Written and oral communication skills and literature	4	Written and oral communication skills, literature, and a designated college-prep composition or research-writing course	4 **
Science	2 lab sciences: one year must be earth science, biology, chemistry or physics. Other year can be one of those sciences or other approved college prep lab science.	2	Full year each: General, physical or earth science; biology; chemistry or physics	3
Social Studies	Global studies (world history, world geography), American history, and government. Economics, American Indian history or other third-year course	3	Global studies (world history, world geography), American history, and government. Economics, American Indian history or other third-year course. Recommend: ½ yr of other courses such as psychology, humanities	3
Electives	World language (preferably 2 years), computer science, visual and performing arts, or vocational education	2	2 years of a World Language, computer science, visual & performing arts, vocational ed units which meet OPI requirements	3

****Alternate Rigorous Core Math/Science Combination**

Based on course availability, three years of mathematics, including a course beyond Algebra II, and four years of laboratory science may be substituted for the four years of math and three years of science requirement.

NCAA ELIGIBILITY

Student-athletes' initial Division I NCAA eligibility will be evaluated under a rule which requires 16 core courses, 10 of which must be completed prior to the seventh semester of high school:

- 4 years of English
- 3 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (One year of lab, if offered)
- 1 year of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional academic courses from any area above, foreign language or comparative religion/philosophy
- 10 core courses must be completed prior to the seventh semester of high school and 7 of the 10 must be a combination of English, math or natural and physical science.

NCAA Division II eligibility will be evaluated under a rule which requires these 16 core courses;

- 3 years of English
- 2 years of mathematics (Algebra I or higher)
- 2 years of natural/physical science (One year of lab, if offered)
- 3 years of additional English, math or natural/physical science
- 2 years of social science
- 4 years of additional courses from any area above, foreign language or comparative religion/philosophy

Student-athletes should register with the NCAA Clearinghouse their Junior year of high school.

Please go to the NCAA Clearinghouse website to find more detailed information about eligibility requirements. The NCAA eligibility rules require careful planning by student-athletes to ensure that they take the required number of core courses. Please consult the following list of approved courses as you plan your classes.

NCAA APPROVED BAKER HIGH SCHOOL COURSES

ENGLISH	**SOCIAL SCIENCE**	**MATH**
AP Language	P.A.D (Government)	Algebra I
AP Literature	US History	Algebra II/Trigonometry
Composition 11	World History	AP Calculus
Composition 12	Psychology	Geometry
Contemporary Literature	Sociology	Pre-Calculus
Drama Theater Film	**SCIENCE**	Probability & Statistics
English 9	Astronomy	Advanced Math
English 10	Biology I	**FOREIGN LANGUAGE**
English Literature	Biology II	French I
Mythology	Chemistry	French II
Speech	Earth Science	Spanish I
World Literature	Geology	Spanish II
English 10A	Physics	Spanish III

NAIA ELIGIBILITY

If you will graduate from high school this spring and enroll in college this coming fall, the requirements are simple. Register at <http://www.playnaia.org/>, be a high school graduate, plus you must meet two out of three of the following requirements:

- Composite score of 18 on the ACT or Combined Verbal+Math of 940 on the SAT
- 2.0 Cumulative Grade Point Average (GPA) on a 4.0 scale
- Graduate in the top 50% of your class

BHS CAREER CLUSTERS

Gaining independence, moving on and finding a career – that’s what you can expect once you leave high school. The trick is to jumpstart your future and plan for life after high school before graduation. But how can you do that? Well, you can begin by taking a closer look at the following 16 CAREER CLUSTERS.

A pathway is a method of searching for a career that fits your interests and lifestyle and then allows you to build academic courses around it. The following clusters recommend individual high school courses – both academic and career-related. You can then focus on courses that are specifically geared toward the career area you have chosen. All of this planning starts now and continues after you graduate as you either enroll in post-secondary training, college, the military or enter the workforce.

The Baker High School Career Clusters were designed with guidance from the Montana Office of Public Instruction. Each Pathway is chock full of information to educate you about:

- Specific careers
- Recommended high school courses
- Post-high school options such as certificate and degree programs at institutions throughout Montana and the region.
- Student organizations, employment and volunteer opportunities to take advantage of while in high school

The 16 BHS Career Clusters are:

- Agriculture, Food and Natural Resources
- Architecture and Construction
- Arts, A/V Technology and Communications
- Business Management and Administration
- Education and Training
- Finance
- Government and Public Administration
- Health Science
- Hospitality and Tourism
- Human Services
- Information Technology
- Law, Public Safety, Corrections and Security
- Manufacturing
- Marketing
- Science, Technology, Engineering and Mathematics
- Transportation, Distribution and Logistics

Now, follow this link on the BHS webpage and begin to explore!
http://www.baker.k12.mt.us/Career_Pathways.html

ADVANCED PLACEMENT

Advanced Placement (AP) courses are rigorous and academically challenging college-level courses for both BHS credit AND university credit. The time requirements for an AP course are significantly greater than a regular class

WHY TAKE AP COURSES?

- To accept the opportunity and challenge of advancing your learning beyond the average.
- To prepare yourself for higher learning.
- To further develop your personal and academic skills and practices.
- To expand and enhance the range and level of future opportunities.
- To receive credit at the college/university of your choice for the instruction you received at BHS.

DO I REALLY RECEIVE COLLEGE CREDIT FOR AP?

Yes, in May, near the conclusion of an AP course, you may choose to take the nationwide AP exam related to that course. (Annually, 900,000 high school students, or more, take AP exams. Most US colleges and universities, and colleges and universities in 21 countries, have an AP policy granting incoming students credit and/or placement for qualifying AP Examination grades.) A good exam score earns you credit and/or advanced placement in the college of your choice, among the 3000 colleges and universities recognizing AP.

OTHER ADVANTAGES WHILE IN COLLEGE

By not having to re-take (and pay for) subjects you have already mastered, you will move earlier into advanced courses and other learning opportunities. You will reach your goals more quickly.

WHAT DOES IT COST?

There is no fee for the course. BHS pays for all the exams which usually cost around \$90 each.

WHAT AP COURSES ARE OFFERED? MAY I TAKE TWO OR MORE?

You will take your AP course/s in conjunction with a full load of other BHS courses in order to meet graduation and diploma requirements. You may take two or more AP classes during a semester. Classes meet daily. When developing your schedule, make sure to take in to consideration the rigorous workload in addition to other school and non-school obligations.

BHS offers AP in these courses, any number of which may be taken simultaneously:

- AP Studio Art
- AP Calculus
- AP English Literature (offered every other year)
- AP English Language (offered every other year)

WHAT ARE ADVANCED PLACEMENT COURSES LIKE?

Advanced Placement courses:

- Are more demanding than regular high school courses.
- Are recommended for highly motivated students.
- Are different from the regular BHS courses in that they are taught with college curricula and college level materials.
- Require strong skills in reading and writing.
- Allow students the opportunity to engage in subjects at a greater depth than regular courses.

WILL I SUCCEED IN AP?

That, of course, depends on you. With strong study skills, solid work habits and a high motivation to learn, you will do well. We encourage you to visit with the AP teacher of the course in which you are interested in order to learn about the course requirements before enrolling.

WHAT IF I WANT TO DROP AN AP CLASS?

Advanced Placement (AP) classes may be dropped at any time during the first nine (9) weeks. Following that, they may only be dropped at the end of the first semester and third quarter.

DUAL ENROLLMENT COURSES

“Dual enrollment and other opportunities for Montana students to earn college credit while they are in high school broaden the range of advanced coursework available to Montana students, support students’ academic engagement and college-going focus, strengthen relationships and resource-sharing between Montana’s public schools and colleges, and have the potential to reduce students’ time and expense as they pursue college degrees. Recognizing these values the Montana University System provides operational guidelines for its affiliated campuses to ensure consistency, accessibility, affordability and quality in dual enrollment and other secondary-postsecondary credit opportunities.” *MT Board of Regents Guidelines, 2010*

- ❖ A dual-credit course awards both high school credit and college credit for a college course taken by a Baker High School student.
- ❖ The dual-credit courses offered at Baker High School are done so in a partnership with Miles Community College in Miles City, MT.
- ❖ The Baker High School courses that can be taken for dual-credit include:
 - AP English
 - AP Calculus
 - Accounting
 - Computer Programming I
 - Computer Applications IV
- ❖ Registration forms will be distributed to interested students in the fall of the year.
- ❖ Students will be billed in February for the credits that they have chosen to take.
- ❖ Price per college credit for high school students is at a much reduced rate compared to the cost for regularly enrolled college students.
- ❖ Students do not have to attend Miles Community College to utilize the college credits. Dual Credits earned may be transferred from MCC to other colleges and universities.

TESTING PROGRAM

SENIORS

ACT – College Entrance Level Test (Math, Reading, Science Reasoning, English, optional Writing) - An optional writing test is included with the ACT. For an additional fee, the student may register for the writing. *Optional*

SAT – College Entrance Level Test (Math, English, Writing) - A writing test is part of all SAT exams. *Optional*

DISTRICT LEVEL WRITING ASSESSMENT – All seniors complete a writing assessment modeled after the MUSWA. The assessment is scored locally by the English Department.

JUNIORS

ACT – College Entrance Level Test (Math, Reading, Science Reasoning, English, optional Writing) Given free of charge in the spring to all Juniors in Montana. Required by the State of Montana beginning in 2016 as part of their state-wide mandated testing program.

SAT – College Entrance Level Test (Math, English, Writing) *Optional*

ASVAB – Armed Service Vocational Aptitude Battery (General Science, Arithmetic Reasoning, Word Knowledge, Paragraph Comprehension, Mathematics Knowledge, Electronics Information, Auto and Shop Information, Mechanical Comprehension.) The ASVAB also provides the student with some excellent career exploration materials.

STRONG INTEREST INVENTORY – A career interest inventory used to assist juniors with post-secondary planning and career pathway choices.

PSAT – Pre-SAT - Qualifying exam for the National Merit Scholarship (Math, Verbal, Writing Skills) *Optional*

DISTRICT LEVEL WRITING ASSESSMENT – All juniors complete a writing assessment modeled after the MUSWA. The assessment is scored locally by the English Department.

SOPHOMORES

ASPIRE – Pre-ACT exam delivered online (Math, Reading, Science Reasoning and English)

PSAT - Pre-SAT - Qualifying exam for the National Merit Scholarship (Math, Verbal, Writing Skills) *Optional for sophomores*

CRT - Science – A Criterion-Referenced exam required by the State of Montana as part of the MONTCAS testing program.

MAP - Measure of Academic Progress (Math, Reading, Language, Science) A computer-based test that is given to grades 3-10 in the district. The test is given once in the fall and once in the spring.

DISTRICT LEVEL WRITING ASSESSMENT – All sophomores complete a writing assessment modeled after the MUSWA. The assessment is scored locally by the English Department.

FRESHMEN

ASPIRE – Pre-ACT exam delivered online (Math, Reading, Science Reasoning and English)

MAP - Measure of Academic Progress (Math, Reading, Language, Science) A computer-based test that is given to students in grades 3-10 in the district. The test is given once in the fall and once in the spring.

DISTRICT LEVEL WRITING ASSESSMENT - All freshmen complete a writing assessment modeled after the MUSWA. The assessment is scored locally by the English Department.

COURSE DESCRIPTIONS

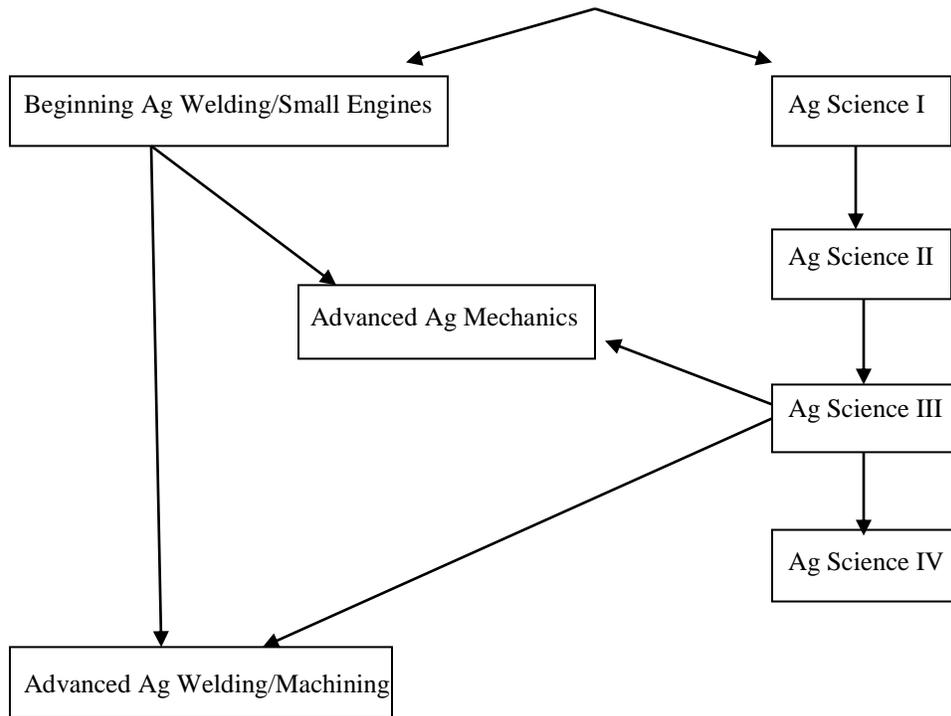
AGRICULTURE EDUCATION

Mr. Soumas

Minimum graduation requirements from BHS include 1 Credit of Vocational/Practical Arts and 5.5 Credits of Electives. Agriculture Education classes will fulfill both requirements. Check the requirements closely.

AG-ED FLOW CHART - Start Here

Grades 8-12



- See Course Descriptions for Class Details and Pre-requisites.
- You must take two (2) semesters of an Ag Science Class before advancing to the next class.
- No exceptions will be made that deviates from this flow chart.

Small Engines/Beginning Welding

2 Semesters (Grade 8-12)

Class Limit - 6

Prerequisite- Interest in engines and welding

Semester One will cover basic small engine maintenance, electricity and hydraulics. Students will learn the step by step process in diagnostics as well as the step by step process of basic overhaul. In addition, they will learn about basic electricity and hydraulic operation. This hands-on/instructional class will be a precursor to advancing into Advanced Ag Mechanics.

Semester Two will cover basic Oxy-fuel, Arc and Mig welding processes. This introductory course will also teach basic skills with a cutting torch, and plasma cutter. By completing this course,

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students will be prepared to enter the lab during Advanced Ag Welding and be ready to effectively construct their work.

Note - By taking Beginning Ag Welding for one semester, you will only be able to advance to Advanced Ag Welding, and if you take only one semester of Small Engines you can only advance to Advanced Ag Mechanics. If the entire course is completed, students may advance to either advanced class.

Ag Science I

2 Semesters (Grade 9-12)

Prerequisite: Interest in Agriculture

Ag I is the first course of the four-year agriculture education program. Basic skills and knowledge in the areas of agricultural sciences, mechanics, leadership, public speaking, FFA, Supervised Agricultural Experience Programs (SAEP) and parliamentary procedure will be developed. Students will do the following:

- Develop an understanding of the overall Agriculture Education program and its three major components (classroom/shop activities, supervised agricultural experience, FFA organization)
- Develop parliamentary procedure skills
- Develop understanding of the five major classes of livestock produced in Montana
- Develop proper safety habits
- Develop student's abilities to recondition tools
- Develop student's ability to work with cold metal and sheet metal
- Develop student's ability and skills in public speaking
- Develop a strong understanding of types and uses of agricultural record keeping
- Develop student's awareness of available agricultural careers

Ag Science II

2 Semesters (Grade 9-12)

Prerequisite: Ag Science I

Ag Science II is the second year of the Agricultural Education program and covers the basic areas of agricultural sciences, agricultural mechanics, Supervised Agricultural Experience Programs (SAEP) and leadership development. Students will do the following:

- Develop knowledge and skills in range plant identification, range management and range improvements
- Further develop parliamentary procedure skills
- Gain knowledge in crop production, soil analysis, fertilizers and weed control
- Gain a working understanding of the uses of electricity and motors and be able to wire common household circuits
- Further develop public speaking skills
- Develop competencies in the areas of arc & oxy welding
- Further develop Ag Shop safety rules
- Continue development of Supervised Agricultural Experience Programs
- Plan and design a sales and service project

Ag Science III

2 Semesters (Grade 10-12)

Prerequisite: Ag Science I and II

Ag Science III is the third year of the Agricultural Education program. Knowledge and skills acquired during the first two years of the program form the basis from which will develop the more specialized areas of study in this course and the Ag IV course to follow.

- Develop an understanding of the various cropping systems in our area
- Develop knowledge of the veterinary sciences
- Introduce students to surveying practices and instruments
- Further develop livestock care and management practices
- Develop skills in working with Ag chemicals and safety procedures necessary in using Ag chemicals

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- Further develop Ag leadership
- Strengthen SAEP programs and records
- Further develop public speaking skills
- Develop Ag computer skills using agricultural software, word processing and spreadsheets
- Develop horticulture and floriculture skills including floral design and greenhouse management.

Ag Science IV

2 Semesters (Grade 11-12)

Prerequisite: Ag Science I, II, and III

Ag Science IV is the fourth year of the Agriculture Education program. Knowledge and skills acquired during the first three years of the program will be extended as study continues in more specialized areas. Students will do the following:

- Develop knowledge and skills in the area of farm management
- Gain knowledge in the area of livestock feeds and methods of feeding
- Explore agricultural careers and training required for each career
- Explore various agricultural markets and marketing
- Develop an understanding of the proper and safe use of agriculture chemicals (fertilizers, herbicides and pesticides)
- Understand animal and plant genetics and livestock breeding systems
- Further develop public speaking skills
- Further develop SAEP programs

Advanced Ag Mechanics

2 Semesters (Grade 9-12)

Maximum Enrollment: 6 (unless granted special instructor permission)

Prerequisite: Beginning Ag Welding/Small Engines or Ag Science I, II and III

Ag Mechanics is a full-year class; however, students will be allowed to take only one semester if desired. Different topics related to agriculture mechanics will be covered throughout the year. Ample lab time will be provided for students to work on class and individual projects. Topics to be covered are

- Hydraulics (math and conversion, symbols, components, terms, safety)
- Power transfer (belts, chains, pulley, gears, bearing and seals, couplers)
- Small gas engines (basic engine overhaul, parts references, engine troubleshooting)
- Ag equipment (calibrations, tractors, combines, forage implements, tillage & planting, GPS systems, machine performance)
- Students will be expected to develop their own projects and supply their own materials. All projects must meet with the approval of the instructor.
- The student's project will need to be in place by the second week of the semester or they will be asked to take a different class.
- All students will have their own project and may ask for assistance from other class members when the need arises.
- Under no circumstances will a student take this class to be a helper.

Advanced Ag Welding

1 Semester (Grade 9-12)

Maximum Enrollment: 6 (unless granted special instructor permission)

Prerequisite: Beginning Ag Welding/Small Engines or Ag Science I, II and III

Ag Welding will cover many different processes including oxy-gas, arc, MIG and TIG. Brief classroom studies will be followed by hands-on experience in the shop. Instruction on the proper use of a cutting torch and a plasma arc cutter will be included. Students will do the following:

- Develop correct safety practices when operating the welding equipment
- Develop an understanding of how each of the welding processes operates
- Develop competencies in welding processes needed for metal repair and construction jobs
- Develop skills used in the fabrication of projects
- Acquire ability to properly identify metals and electrodes commonly used in the welding processes

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- Develop an understanding of the importance of machinery maintenance and repair
- Provide the materials for their own individual projects.
- Students will be expected to develop their own projects and supply their own materials. All projects must meet with the approval of the instructor.
- The student's project will need to be in place by the second week of the semester or they will be asked to take a different class.
- All students will have their own project and may ask for assistance from other class members when the need arises.
- Under no circumstances will a student take this class to be a helper.

ART

Mr. Jay Hoversland

Minimum graduation requirements from BHS include 1 Credit of Fine Arts and 5.5 Credits of Electives. Art classes will fulfill both requirements. Check the requirements closely.

Arts and Crafts

2 Semesters (Grades 9-12)

Prerequisite: None

Arts and Crafts are classes that both the experienced as well as the novice in these areas can enjoy. These classes are combined into the same hour for your convenience. Students may participate in a variety of studies ranging from crafts to visual art. Lessons in crafts include but are not limited to pottery, fibers (weaving and using yarns and threads), creating decorative objects using design techniques, along with other interesting projects. Lessons in art will include basic study of line, shape, form and color. Art students will be guided and challenged in their favorite field of art as well as encouraged to explore other existing possibilities.

Advanced Placement Studio Art

2 Semesters (Grades 11 and 12)

Prerequisite: Four (4) semesters (2 years) of Arts and Crafts

The AP Studio Art course is designed to be taken by students after the successful completion of 4 semesters of Art. This course will provide guidance in the preparation of artwork that will fulfill the requirements for an AP Studio Art portfolio in 2-D and 3-D design and drawing. The AP Studio Art Portfolios are designed for students who are seriously interested in the practical art experience. Throughout the course, students will be required to start and maintain a working portfolio of their works. This portfolio will be used to assess the student's progress throughout the course.

In this course, emphasis will be placed on exploring new media, techniques and styles of art. Students will be encouraged to create work in the styles in which they are the most skilled, but will also be required to explore new ways of creating art and looking at a particular subject matter. Some of the media to be used will include acrylic paint, oil paint, watercolor, chalk/oil pastels, charcoal, pencil, clay, photography, metal sculpture and a combination of Medias. Students will be assessed on the works within their portfolio.

Computer Graphic Design

1 Semester (9-12)

Prerequisite – Four (4) semesters (2 years) of Arts and Crafts, Document Formatting and Computer Apps I

The students will be introduced to the visual principles as the basis of graphic communication and elements and issues of visual language. The course will cover strategies for, layout, idea generation and development of unique concepts, and the designer's (students) role as a visual storyteller. Students will also actively develop and continually update a portfolio that will be used for a portion of their grade at the end of the class.

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In addition, the students will gain an understanding of desktop publishing concepts, learn to use desktop publishing software to publish a variety of documents, and develop the ability to edit for more effective communication. Word processing, graphic, web publishing and desktop publishing software will be introduced. Students will be given a series of projects in which to apply what they have learned.

Software used will include but not be limited to: Photoshop, Illustrator, InDesign, Fireworks, Flash, and Dreamweaver.

This course will be team-taught by Mr. Hoversland and Mr. Anderson.

BUSINESS & COMPUTERS

Mr. Scott Anderson

Mrs. Lynn Beach

Mrs. Josi Hadley

Minimum graduation requirements from BHS include 1 Credit of Vocational/Practical Arts and 5.5 Credits of Electives. Business and Computer classes will fulfill both requirements. Check the requirements closely.

Accounting I

2 Semesters (Grade 10-12)

Prerequisite: Second Semester enrollment requires a 60% or better average in first semester.

Students will learn double-entry accounting principles, prepare day-to-day transaction entries, and learn preparation of financial reports. During the course students will complete various projects and two accounting simulations. The course is career-oriented and helps students become aware of careers directly and indirectly related to accounting. In addition, students will be introduced to the principles of economics and the stock market.

Accounting II

2 Semesters (Grade 11-12)

Prerequisite: Accounting I with 80% or better, Instructor's Approval

During the first nine-week period, this course will include a review of accounting principles and an introduction to computer applications. A college textbook is used for the remainder of the course. Other areas to be covered include departmental accounting, accounts receivable, payroll, depreciation, disposal of fixed assets, accrual accounting, and partnership accounting. One project and one practice set will be completed. Second semester will cover notes, corporation and cost accounting. A second practice set will be completed. This course is designed to introduce the student to a broad spectrum of accounting professions and business administration.

Business Law

1 Semester (Grade 9-12) (Spring)

Prerequisite: None

Students will gain an understanding of the law as it currently relates to them, and the implications of the law in their future lives as well as the lives of their family and friends. They will also work to gain an understanding of basic legal vocabulary.

The course will include instruction regarding the court system at the local, state, and national level. Students will gain an understanding of contract law, their rights and responsibilities as citizens, utilization of financial transactions, employment and agency relationships, and the understanding of the regulations governing different types of business organizations. As a culminating project, students will participate in one or more mock trials.

Introduction to Business

1 Semester (Grade 9-12) (Fall)

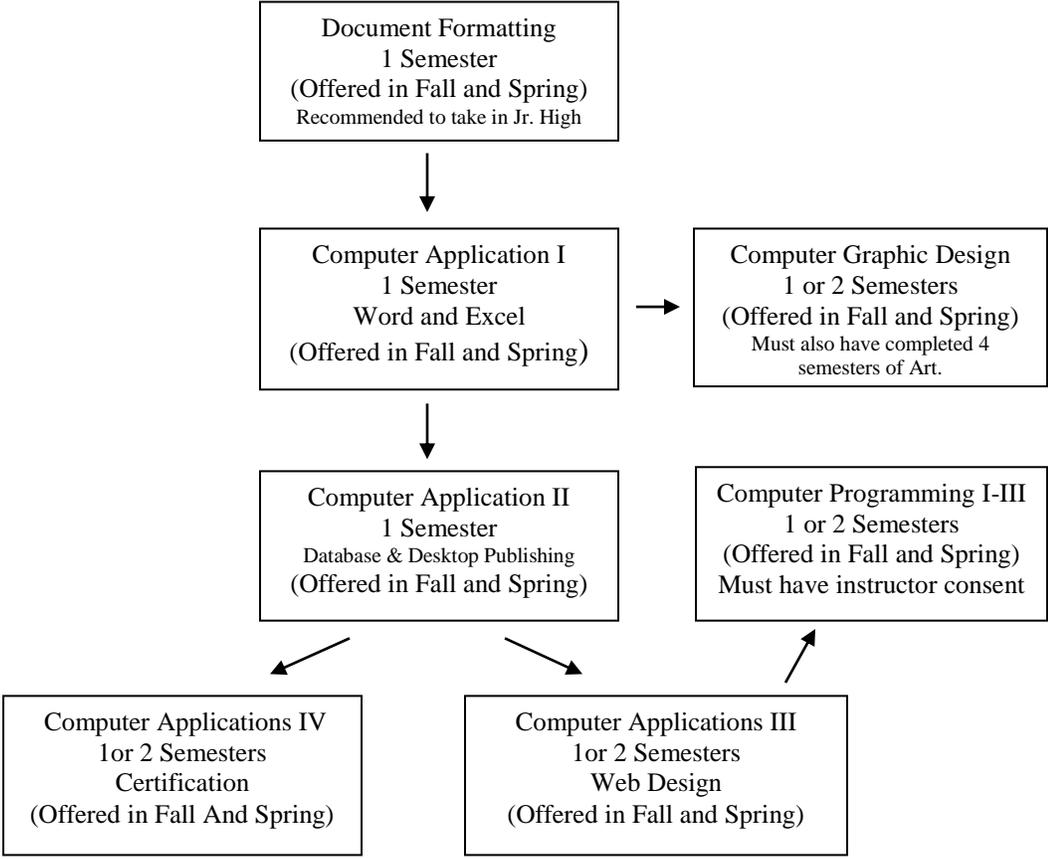
Prerequisite: None

Students will be introduced to the organization and operation of business and relations of business to society. Other areas of study will include marketing, finance, production, management, retailing, wholesaling, advertising, risk, pricing, personnel, and business environment. We'll begin by exploring how

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businesses create products, services, and ideas that they then offer to the right people at the right place and right price using effective promotion strategies. Next, we'll learn how companies watch us as shoppers so they can analyze consumer behaviors for segmenting, targeting, and positioning products. Some of your course "take aways" will be an understanding of: • the vocabulary of business in general and marketing in particular • market orientation and customer satisfaction • how consumer markets are segmented, targeted, and products positioned to meet or exceed consumers' wants and needs • techniques used for creating value-added products, services, and ideas, optimizing pricing, developing distribution strategies, and implementing effective promotion campaigns • how small businesses are started and succeed. Students will also participate in an 8 week business simulation, where they will be asked to make financial and ethical decisions for their business operations.

COMPUTER CLASS FLOW CHART



Document Formatting

1 Semester (Grade 9-12) (fall or spring)

Prerequisite: None

This course has three major areas of emphasis: *keyboarding* (accuracy and speed development), *formatting* (arrangement, placement, and spacing of documents), and *document processing* (skilled production of letters, reports, tables, and the communication forms). The student will be able to apply this to his/her personal typing or for use in business. This course uses Microsoft Word 2013.

Computer Applications I (Word Processing and Spreadsheets)

1 Semester (Grade 9-12) (fall or spring)

Prerequisite - Document Formatting

As a student in this course, you will learn the most important topics of Microsoft Word and Excel. First, you will learn the basics of file management and the most important elements of the new Microsoft Office interface. Next, you will be ready to delve into Microsoft Word to learn how to create, edit, and format documents and multiple-page reports. Once you have mastered this, you will learn desktop publishing, mail merge, and Web page creation. Finally, you will learn advanced techniques, such as automating your work and using advanced online forms.

Next, you will be ready to delve into Microsoft Office Excel to learn how to create and format a workbook and work with formulas, functions, charts, and graphics. Once you have mastered this, you will learn PivotTables and PivotCharts, advanced formulas and functions, and how to manage multiple worksheets. Finally, you will learn advanced techniques, such as financial and what-if analyses, external data usage, and Visual Basic Application integration.

One semester of this class will count towards meeting the Computer Applications I high school graduation requirement.

Computer Graphic Design

1 Semester (9-12)

Prerequisite – Four (4) semesters (2 years) of Arts and Crafts, Document Formatting and Computer Apps I

The students will be introduced to the visual principles as the basis of graphic communication and elements and issues of visual language. The course will cover strategies for, layout, idea generation and development of unique concepts, and the designer's (students) role as a visual storyteller. Students will also actively develop and continually update a portfolio that will be used for a portion of their grade at the end of the class.

In addition, the students will gain an understanding of desktop publishing concepts, learn to use desktop publishing software to publish a variety of documents, and develop the ability to edit for more effective communication. Word processing, graphic, web publishing and desktop publishing software will be introduced. Students will be given a series of projects in which to apply what they have learned.

Software used will include but not limited to: Photoshop, Illustrator, InDesign, Fireworks, Flash, and Dreamweaver.

This course will be team-taught by Mr. Anderson and Mr. Hoversland.

Computer Applications II (Database & Desktop Publishing)

1 Semester (Grade 9-12) (fall or spring)

Prerequisite – Computer Applications I

As a student in this course, you will learn the most important topics of Microsoft Office Access. First, you will learn the basics of file management and the most important elements of the new Microsoft Office interface. Next, you will learn to create and build databases and define table structures. Once you have mastered these topics, you will learn to maintain and query databases, create and use forms and reports, and enhance your database with advanced tools. In the last portion of the course, you will integrate, analyze, and automate tasks.

The Course will conclude with focus on Desktop Publishing Software and Techniques.

Computer Applications III (Web Design)

1 Semester (Grade 9-12) (fall or spring)

Prerequisite – Computer Applications II

Students enrolled in this class will gain the necessary knowledge that will enable them to maintain the Baker High School web site and each individual will create a personal web site. A working knowledge of HTML is not required for this class. Students will complete units of instruction on the following software: Macromedia Dreamweaver, Fireworks, Flash along with Adobe Photoshop and Adobe Illustrator. Students will learn terminology and techniques for building quality web-sites. Students will also learn about Internet safety and PC troubleshooting.

Computer Applications IV (Certification)

1 Semester (Grade 11-12) (fall or spring)

Prerequisite – Computer Applications I & II

This class will focus on students gaining the required knowledge to take and pass Industry Certification Exams such as CompTIA A+ Certification and CompTIA Exams, along with Microsoft Office Specialist Certifications through CertiPort. The class will be a very rigorous and time demanding class.

Computer Programming I-III

1 or 2 Semesters (Grade 9-12)

Prerequisite – Completion of Computer Applications I, II, III, and Consent of Instructor

The Computer Programming courses provide students with the knowledge and skills necessary to construct computer programs in one or more languages. Computer coding and program structure will be introduced with the BASIC language, but other computer languages, such as Visual Basic, Java, C++, C# and Java Script will be used. Initially, students learn to structure, create, document, and debug computer programs. As they progress, more emphasis is placed on design, style, clarity, and efficiency. Students will apply the skills they learn to relevant applications such as modeling, data management, graphics, text-processing, and App development.

ENGLISH LANGUAGE ARTS

Mrs. Terry Curry

Mr. Sid Parini

Mrs. Carole Bettenhausen

Mrs. Michelle Anderson

Minimum graduation requirements from BHS include 4 Credits of English/Language Arts (ELA) and ½ Credit of Speech. All English Language Arts classes listed will fulfill the ELA requirement. The Speech class will fulfill the Speech requirement. Check the requirements closely.

English 9

2 Semesters (Grade 9)

Prerequisite: None

Texts: Vocabulary for Achievement

Holt McDougal Literature Grade 9

Holt Traditions: Grammar, Usage, Mechanics, Sentences – 1st Course

Students will learn the basic terms associated with literature and critically study short stories, non-fiction, poetry, novels and plays. At the conclusion of the units, students should be able to point out and define literary devices and outline any story based on basic elements. A heavy emphasis is placed on vocabulary.

For outside reading students are to read and test on AR books. 30 AR points are required per quarter for 20% of the overall grade.

Concentration will be given to those parts of grammar, usage and mechanics the students need most based upon their writing, spelling, vocabulary and dictionary study skills. Various writing assignments and a research paper will be required.

Also to be studied:

- The Outsiders by S.E. Hinton
- Romeo and Juliet by William Shakespeare

English 10

2 Semesters (Grade 10)

Prerequisite: English 9

Texts: Vocabulary for Achievement, Great Source

Holt McDougal Literature Grade 10

Holt Traditions: Grammar, Usage, Mechanics, Sentences – 2nd Course

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Students will review the basic terms associated with literature and critically study short stories, non-fiction, poetry, mythology, novels and plays. At the conclusion of the units, students should be able to point out and define literary devices and outline any story based on basic elements. A heavy emphasis is placed on vocabulary.

For outside reading, students are to read and test on AR Books. 30 AR points are required per quarter for 20% of the overall grade.

Concentration will be given to those parts of grammar, usage and mechanics the students need most based upon their writing, spelling, vocabulary and dictionary skills. Various writing assignments and a research paper will be required.

Also to be studied:

- To Kill a Mockingbird by Harper Lee
- Julius Caesar by William Shakespeare

English 10A (AP Prep)

2 Semesters (Grade 10)

Prerequisite: English 9, Instructor approval

Texts: Vocabulary for Achievement, Great Source

Holt McDougal Literature Grade 10

Holt Traditions: Grammar, Usage, Mechanics, Sentences – 2nd Course

In this rigorous class, students will be prepared for the AP Literature and AP Language classes. Work load will approximately double the English 10 class. Students will review the basic terms associated with literature and critically study short stories, non-fiction, poetry, mythology, novels and plays. At the conclusion of the units, students should be able to point out and define literary devices and outline any story based on basic elements. A heavy emphasis is placed on vocabulary.

For outside reading, students are to read and test on AR books from a reading list designed for this class. 30 AR points are required per quarter for 20% of the overall grade

Concentration will be given to those parts of grammar, usage and mechanics the students need most based upon their writing, spelling, vocabulary and dictionary study skills. Various writing assignments and a research paper will be required.

Also to be studied:

- To Kill a Mockingbird by Harper Lee
- Julius Caesar by William Shakespeare
- Pygmalion by Bernard Shaw
- Our Town by Thornton Wilder
- The Red Badge of Courage by Stephan Crane
- The Lord of the Flies by William Golding
- The Scarlet Letter by Nathaniel Hawthorne
- Othello by William Shakespeare

Composition 11

1 Semester (Grade 11)

Prerequisites: English 9 and English 10

Texts: Holt Traditions

Warriner's Handbook

Vocabulary for Achievement, Great Source

Composition 11 will begin with a review of punctuation and grammar rules; student's skills will be tested, and they will incorporate these into their writing. Vocabulary is also an important part of this class. There will be a new unit of words each week, and an objective test will conclude each vocabulary unit. Additionally, an ACT test preparation component will be incorporated into the semester.

Student's writing objectives for this class will be to express themselves clearly by using persuasive writing, informative writing, and creative writing. These writings will include a persuasive essay, a problem-solution essay, an informative essay that includes a poster and an oral report, and writing a critical review using poetry as a model. The class will conclude with writing a character analysis and a short story.

Composition 12

1 Semester (Grade 12)

Prerequisites: English 9, 10, and Composition 11

Texts: Holt Traditions
Warriner's Handbook
Vocabulary for Achievement, Great Source

The focus of the semester is the study of composition. A variety of “purpose” writings are stressed. Accompanying the diversity in “purpose” is the alternation of formality and tone. The writing process begins with the paragraph and extends to the essay. Paragraph compositions consist of topics of narration, description, exposition, persuasion, and literary analysis. Essay compositions consist of creative, informative, explanatory, persuasive, and literary writings. In addition, the semester incorporates a review for the ACT exam for rhetorical style, grammar, punctuation, reading comprehension and the writing of a persuasive essay. One outside reading book is required and a critical book review is to be written at the end of the first quarter. Throughout the course, computer use is advised and technical assistance is always available. This course in composition addresses the aims and modes of the writing process. If time permits, students will also learn the basics of publishing and editing in conjunction with the yearbook staff.

World Literature

1 Semester (Grade 11-12)

Prerequisites: English 9 and English 10

Students enrolled in this class will experience the reading and study of classical and contemporary literary works from world renowned authors, including some from American literature. It will mainly feature the novel, but some other prose such as short stories may be included in the study. Participants will also do some outside reading from a list of numerous literary works. Studying literary terms will be an important part of this class as well as writing about and interpreting the literature we read.

English Literature

1 Semester (Grade 11-12)

Prerequisites: English 9 and English 10

Shakespeare and other classic English authors will be featured in this course. As a student, you will learn to read and understand English Literature from an artistic and historical standpoint with such works as *Beowulf*, *Frankenstein*, *Hamlet*, *The Canterbury Tales* as well as many others. Drama, novels, short stories, non-fiction writing and poetry will be featured. Vocabulary and composition skills will also be an important part of this course.

Contemporary Literature Study

1 Semester (Grade 11-12)

Prerequisites: English 9 and English 10

Students enrolled in this class will read together and on their own a variety of contemporary (20th-21st century) fiction and non-fiction material. Students will be allowed to choose their own reading material based on their reading level and instructor approval. A minimum of three selections must be read each nine weeks and three projects must be submitted based on students' readings each nine weeks. Two novels will be read together in class the second part of the semester.

Mythology

1 Semester

Prerequisites: English 9 and English 10

This course will introduce you to those Western and Eastern mythologies that have had the greatest impact on the Western tradition. These are Greek, Roman, British and Norse Mythology in Europe and Hebrew Mesopotamian, and Egyptian mythology in the ancient near East and Native American myths. Students will study contemporary literature and drama to better understand how these myths continue to shape and influence our lives.

The goals of the course are:

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- To read and interpret mythic metaphors symbols, and analogies;
- To compare and contrast significant characters, events, symbols, and actions (called motifs) in one story with similar events in another;
- To describe and discuss the cultures that produced the myths;
- To improve analytical, conceptual, connective writing skills;
- To discover what these stories have to do with our lives today.

AP English Literature

2 Semesters (Grades 11 and 12)

Prerequisite: Consent from the instructor

The AP English Literature course will prepare students to take the English Literature Advanced Placement Exam. The national exam is given each May and students who pass it may be given college credit and/or advanced placement at many universities nation-wide. Students will read a wide variety of literature---including poetry, short stories, essays, novels, and drama.

SUMMER READING REQUIREMENTS INCLUDE:

1. *All Quiet on the Western Front*
2. *Grapes of Wrath*
3. *The Once and Future King*
4. *1984 or Brave New World*
5. *Night*
6. *The Good Earth*
7. *A Thousand Acres*
8. *The Kite Runner*

This is a high level, fast paced and rigorous course that demands students make a serious commitment to the class and the work involved. It IS equal to a freshman college language and composition class and much of the material studied will be of a mature level. Students are required to complete the summer reading and hand in a synopsis of each work as well as journal entries. All students taking this class must meet with Mrs. Bettenhausen in May to discuss the summer requirements and to discuss the demands of the class.

WRITING ASSIGNMENTS:

- Each student will write several short (5 paragraphs or less) critical papers based on his understanding and impression of short stories, poetry and drama and performing close readings of novels (with accompanying review papers) of several novels. At least one of these novel review papers will be research based.
- Each student will be asked to write creative assignments—poetry, drama and short stories—that will demonstrate a grasp of the literary terms, devices and forms that we will be studying.
- Each student will be write several persuasive essays based on a variety of topics, many of which will be taken from the literary material we will be studying. Current event topics will also be the subject of many persuasive essays.
- All writing assignments will emphasize the student’s knowledge of grammar, sentence structure, style and development of thesis statements

Practical English I-IV

2 Semesters (Grades 9-12)

Prerequisite: Consent from the instructor and school counselor

The Practical English courses are designed for students who are below the competency level required to be enrolled in the regular English curriculum. This is a year-long study of various literary genres: short story, poetry, drama, and non-fiction. The course emphasizes development of essential skills in reading, writing, listening and speaking. Fundamental language arts skills are stressed in study habits, written and oral expression, and critical reading and analysis. The course also features the study of grammar, usage and punctuation.

Essentials of English

2 Semesters (Grades 9-12)

Prerequisite: Consent from the instructor

The Essentials of English course is provided through the Resource/Title I Departments. This course will reinforce basic language skills along with developing writing processes and practices necessary for producing successful high school compositions. While emphasizing composition, this course may also incorporate some literature study to expose students to exemplary illustrations of various forms of writing. Students practice basic speaking skills, starting with impromptu speeches, extending to power point presentations. Students will learn how to cite a reference. The STAR Reading Assessment is given to each student quarterly and upon entry. Lifelong reading skills are encouraged.

The Fundamentals of Speech

1 Semester (Grade 11 and 12 ONLY)

Prerequisite: None

Text: Speech: Exploring Communication, J. Regis O'Connor

Students will demonstrate an understanding of the fundamentals of speaking and listening skills to meet the need for effective speech communication through group and individual presentations. "Students learn the best through doing."

Students will demonstrate an understanding and ability to prepare speeches and exhibit proper delivery techniques. They will demonstrate a working knowledge of public speaking formats: exposition, entertainment, persuasion, interpretation, as well as, mass media.

Publications

1 Semester / 2 Semesters (Grade 9-12)

Prerequisite: Consent from the instructor

This class is designed to teach the basics of writing and reporting to students. Students will learn some basics in publishing poetry, short stories, and news writing. Students will learn to compile a news page, write a short story and do basic writing for newspapers, magazines, and the annual. Students will work under pressure, learn to meet deadlines, and will publish some of their work in the school newspaper and annual. They will learn basic techniques in photography and photo blocking. Students will learn proper sales techniques in selling ads and will learn to set up ad pages. Practical writing and journalistic exercises will be given. Students taking this class will be considered members of the school newspaper staff and annual staff if so desired.

FAMILY & CONSUMER SCIENCE

Mrs. Pam Beach

Minimum graduation requirements from BHS include 1 Credit of Vocational/Practical Arts and 5.5 Credits of Electives. Family and Consumer Science classes fulfill both requirements. In addition, Fiber Arts and Technology may be used to fulfill a Fine Art Credit. Check the requirements closely.

Culinary Arts

1 Semester / 2 Semesters (Grades 9-12)

Prerequisite: None

Culinary Arts is for students who have had little or no experience in foods and nutrition. Through lab situations, as well as written and textbook assignments the students will explore basic nutrition, The Food Guide Pyramid, and will learn basic skills and techniques in the selection and preparation of simple nutritious foods. The student will understand basic food preparation terms and identify and demonstrate usage of basic utensils and appliances. Students will explore careers related to the food manufacturing, food service, and nutrition industry and learn skills to help them become more employable in these areas. Please note that this class is limited to 12 students.

Personal Financial Literacy

2 Semesters (Grade 9-12)

Prerequisite: None

This class is designed to teach students how to manage their own personal finances, now and in the future. Given the financial issues facing today's consumers, students need to have the skills to be financially competent and savvy. The class covers personal finance topics including identifying values; career exploration; paychecks; taxes; spending plans; depository institutions; saving and investing; major expenses such as housing, transportation, and food; banking services; managing credit; insurance principles; fraud; and identity theft will be explored. The course will culminate with a "hands-on" budgeting simulation called LIFE IN MONTANA. This is a fun and challenging activity designed to imitate a typical Montana community. Students will be assigned an identity and will make budgeting decisions based on that identity. Personal Financial Literacy is a fun, fast paced, high interest class using innovative methods to teach skills and knowledge students need to become financially literate, now and in the future.

Child Development

2 Semesters (Grade 9-12)

Prerequisite: None

Child Development is a specialized course that prepares students to understand the physical, social, emotional and intellectual growth and development of children from birth through 12 years of age. The course is designed to help young people acquire knowledge and skills essential to the care and guidance of children as a parent or caregiver. The class will explore the history of child development, influential child development theorists and issues to consider in preparation for parenting or working with children. Emphasis is on helping students create an environment for children that will promote optimum development. Class experiences such as laboratory observations, job shadowing, or laboratory participation may be included if opportunities are available. Students who plan to go on to college to study childcare, elementary or secondary education, nursing or other health care careers should consider this course as a part of their Career pathway in high school.

Fiber Arts and Technology

1 Semester / 2 Semesters (Grade 9-12)

Prerequisite: None

Students will learn basic sewing techniques in Fiber Arts and Technology I. Depending on each student's experience and ability level, they will have access to the latest technology available in the fabric and textile industry. They will learn how to use computerized embroidery machines, scanners, printers, quilt design software and other technologies available in the department to design and create individual and unique projects. The classes will explore design and color theory, fabric dyeing and painting techniques. As a course requirement, students will plan, design and create a project during class time that demonstrates their understanding of these concepts. **Students will be expected to supply the needed materials to complete their own projects in this class, to have all materials in class on time, and to be working on the planned project each day.** Students will also investigate various career options related to the Fiber and Textile Industry. The department recently acquired a long-arm quilting machine that students are encouraged to learn and use. Field trips and demonstrations will enhance the students' experiences in Fiber Arts.

FOREIGN LANGUAGE

Mrs. Carole Bettenhausen

Ms. Diane Van Gorden

Minimum graduation requirements from BHS include 5.5 Credits of Electives. Foreign Language classes fulfill that requirement. Please note that some 4-year colleges will require 2 years of the same foreign language. Check the requirements closely.

Spanish I

2 Semesters (Grade 9-12)

Prerequisite: None

Text: Holt McDouglas – Advancemos – Level I

This class is limited to 14 students, so please indicate as soon as possible if you are interested in taking the class. Over 300 million people speak the Spanish language and the United States has the fourth largest Spanish-speaking population in the world. In addition, the United States shares a common boundary and continent with Spanish-speaking nations. The study of Spanish I will introduce students to the Spanish-speaking world and the various customs practiced by Spanish-speaking cultures. Students will develop a basic working vocabulary of common phrases and items. The emphasis will be on reading and writing skills that students can easily continue to develop on their own. Listening and speaking skills will also be an essential part of the class. Students will use games, short videos, stories and food to discover more about the culture of the many Spanish-speaking countries.

Spanish II

2 Semesters (Grade 9-12)

Prerequisites: Spanish I and consent of the Instructor

Text: Holt McDouglas – Advancemos – Level II

This course is a continuation of Spanish I and will incorporate extensive use of lab.

Spanish III

2 Semesters (Grade 11-12)

Prerequisites: Spanish II and consent of the instructor

Spanish III provides an advanced study opportunity for exceptionally motivated students. Students must be scheduled into a Spanish class in order to ensure access to the Instructor.

French I

2 Semesters (Grade 9-12)

Prerequisite: None

French I is designed to introduce students to the French-speaking people of the world through their language and culture. Students will work to develop a basic working vocabulary. Beginning reading and writing skills will be emphasized. Listening and speaking skills will also be covered, but not in as great detail as reading and writing. French culture will also be introduced with slides and films, short stories, history, and food.

French II

2 Semesters (Grade 9-12)

Prerequisite: French I & consent of instructor

French II is a continuation of the French I course, with added emphasis on conversational skills.

French III

2 Semesters (Grade 11-12)

Prerequisites French I, II & consent of instructor

This is an individualized study program for students desiring advanced study. Students will be scheduled into the Library for their class meeting time.

MATHEMATICS

Mr. Jay Shumaker

Mrs. Karen Wang

Minimum graduation requirements from BHS includes 3 Credits of Mathematics. All of the math courses listed in this section will fulfill that requirement. Some 4-year colleges and scholarship opportunities require 4 years of math and must be Algebra I or higher. Check the requirements closely.

COURSE	PREREQUISITE	OPPORTUNITIES UPON SUCCESSFUL COMPLETION
Math I	Teacher Recommendation	Math II
Math II	Math I or Teacher Recommendation	Algebra I
Algebra I	Math II or Math 8 or Math 7A	Geometry
Geometry	Algebra I	Algebra II/Trigonometry
Algebra II/Trigonometry	Algebra I and/or Geometry	Advanced Math AP Calculus
Advanced Math	Algebra II/Trigonometry	AP Calculus
AP Calculus	Algebra II/Trigonometry and/or Advanced Math	College Credit

Math I

2 Semesters (Grade 9-12)

Prerequisite: Teacher recommendation

General Mathematics I is a course designed to provide a sufficient background in math by reviewing a great deal of the material covered in junior high math plus an introduction into algebra, applied business math, and geometry. Some of the things covered are:

- Tables and graphs
- Addition, subtraction, multiplication and division of whole numbers
- Factors, primes and multiples
- Percents, fraction and decimal equivalents
- Multiplication, division, addition, subtraction of numbers in fraction form
- Addition, subtraction, division and multiplication of numbers named by decimals
- Solving one and two step equations
- Geometry (points, lines, rays, angles, triangles, construction)
- Triangles, parallelograms and circles (area of)
- Areas and volumes of rectangles and rectangular solids
- Units of measure
- Proportions
- Simple Probability
- Scientific Notation

This course may be used to partially satisfy Baker High School graduation requirements. It will not satisfy most 4-year college admission requirements.

Math II

2 Semesters (Grade 10-12)

Prerequisite: Math I or Teacher Recommendation

The Math II course is designed to prepare students for Algebra and Geometry and also develop personal finance skills and knowledge. Many pre-algebra topics are covered in this course including: solving single variable equations, graphing linear equations, and solving linear inequalities. An extensive review of basic geometry

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formulas and their applications are also included. The second semester of General Math II also includes many topics involving personal money management and real world business math. This course may be used to partially satisfy Baker High School graduation requirements. It will not satisfy most 4-year college admission requirements.

Algebra I

2 Semesters (Grade 9-12)

Prerequisite: Math II or Math 8 or Math 7A

This course develops an understanding of the nature of math and the ability to group mathematical ideas. It provides a logical development of elementary algebra. Some of the topics covered are numbers and sets, the language of algebra, addition and multiplication of real numbers, solving equations and problems, work with polynomials, special products and factoring, operations with fractions, functions, relations and graphing, systems of open sentences in two variables, rational and irrational numbers, quadratic equations and inequalities, and some geometry and trigonometry.

Geometry

2 Semesters (Grade 10-12)

Prerequisite: Algebra I

Geometry is the oldest and most enjoyable of all traditional mathematics courses. This course is designed to help students develop a better understanding of the nature of a mathematical system and to appreciate the basic structure of geometry. It develops powers of spatial visualization, helps gain a basic understanding of the methods of coordinate geometry and then recognizes the ways in which algebra and geometry complement each other. It helps develop an appreciation for the need for clarity and precision of language. Geometric figures such as triangles, rectangles, rhombuses, parallelograms, trapezoids, angles, circles and parallel lines are looked at in terms of the real world and their appreciation as well as their relationship in a mathematical structure.

Algebra II/Trigonometry

2 Semesters (Grade 11-12)

Prerequisite: Algebra I and/or Geometry

Algebra II is the cornerstone of all sciences or science related fields. This course is designed to help students acquire the ability to apply algebraic skills and concepts, to understand algebra as a structure of the real number system, and to develop an appreciation of the relationship of an algebra structure and its application to the scientific world. The first semester is primarily a review and extension of the topics discussed in the first year of algebra. Equation solving, introduction to linear equations, matrices and polynomials are some of the topics discussed. The second semester leads up to, and includes, a close examination of the quadratic equation, logarithms, basic trig functions and progressions. Algebra II should be considered by students that are planning to attend college.

Advanced Math

2 Semesters (Grade 11-12)

Prerequisite: Algebra II

This class is designed to enable college-bound seniors to continue to practice the skills learned in previous math classes, and also prepare juniors for AP Calculus. There will be an emphasis on logarithm problems, progressions, conic sections, and factoring. The course will also extensively examine the trig functions and their graphs. This course provides the foundation for college-bound students who are choosing a field of study that requires a statistics course for completion of the plan of study. The course introduces students to fundamental concepts of statistics including standard deviation, quartiles, and z scores and their applications. Probability of independent and dependent events will be covered extensively.

AP Calculus

2 Semesters (Grade 12)

Prerequisite: Algebra II and/or Advanced Math

This course prepares students for the Calculus Advanced Placement Test and covers the study of functions and limits/differentiation and instantaneous rates of change, curve sketching, extreme value problems, antidifferentiation, definite integration and areas under curves, and the volumes of solids. The national AP Calculus

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exam is given each May and students who pass it may be given college credit and/or advanced placement at many universities nation-wide. The course is valuable for any student planning post-secondary work in mathematics, engineering, science, or technology.

Essentials Of Math

2 Semesters (Grade 9-12)

Prerequisite: Consent of instructor

The Essentials of Math course, provided through the Resource/Title I Departments, reinforces general math skills and extends these skills to include some pre-algebra and algebra topics. Students will use these skills in a variety of practical, consumer, business and occupational applications. Course topics typically include rational numbers, measurement, basic statistics, ratio and proportion, basic geometry, formulas, and simple equations. Students are encouraged to increase their math skills by one grade level each year as measured by the STAR Math Assessment. Lifelong math skills are encouraged.

MUSIC

Ms. Jill Whiteman

Minimum graduation requirements from BHS include 1 Credit of Fine Arts and 5.5 Credits of Electives. The classes listed in the Music section fulfill the requirements in both of those areas. Check the requirements closely.

Concert Choir

2 Semesters (Grade 9-12)

Prerequisite: None

The Concert Choir rehearses each school day during zero hour and/or sixth period. Music influences learning and life itself and has a beneficial effect upon the physical, mental and spiritual life of each individual. The major purpose of all vocal music activities, at all levels, is to help young men and women broaden their concepts and contacts with music and the related arts, and to build a genuine understanding of music. It is understood that most children will use their music training for recreation and enjoyment. Performance is not the ultimate goal of the program but rather the outgrowth of a scheduled music program.

All singers perform at the Fall and Winter Concerts, Americanism Program, Pre-Festival Concert, District Music Festival and the Pop Concert. Membership is open to all students. Private voice lessons are available to all singers at no charge and are completed during free periods or outside school time.

Band

2 Semesters (Grade 9-12)

Prerequisite: Instructor's consent

The High School Band rehearses each school day during 5th period. One objective of instrumental music is to develop in the student the ability to work effectively through the acquisition of such traits as industry, persistence, and eagerness to grow. Opportunities shall be given to students for self-expression in music. Through music education the student will acquire knowledge, skills, and attitudes which will help to make him/her a more desirable member of society. All instrumentalists perform at the Fall and Winter Concerts, Americanism Program, pre-Festival Concert, District Music Festival and the Pop Concert. Membership is available to all. Students may begin to play a band instrument at any grade level, but must take private (free) lessons until he/she can pass minimum requirements to be placed in regular band. Private instruction is available to all instrumentalists at no charge and is completed during free periods or outside school time.

PHYSICAL EDUCATION/HEALTH

Mrs. JoAnn Parini Mr. Jade Melby Mr. Deryk Van Zee

Minimum graduation requirements from BHS include 2 Credits of Physical Education/Health. PE/Health I and PE/Health II fulfill that requirement. In addition, 5.5 Credits of Electives are required for graduation. The Weight Training and Weight Lifting classes fulfill Elective Credit requirements. Check the requirements closely.

Physical Education - Health I

2 Semesters (Grade 9-12)

Prerequisite: None

The Physical Education and Health program at BHS includes a variety of sports, recreation activities and a health unit. The program includes both team and individual sports as well as lifetime recreational activities. The health unit alternates each year between Drugs, Alcohol and Tobacco and C.P.R./First Aid. Units are broken down by semester. During the first semester the main units we cover are archery, speedball, volleyball, baseball and swimming. The main units covered during the second semester are the Pacer Test, badminton, racquetball, pickleball, soccer and a health unit. Each student must complete both units to complete PE-Health I. Students are graded on attendance, participation, proper dress, behavior, and an understanding of the rules of the games. *Students are also required to have their own set of gym clothes: t-shirt, shorts or sweats, socks for P.E. use only, gym shoes with non-marking soles for P.E. use only, proper swimming attire, and towel.*

Physical Education - Health II

2 Semesters (Grade 10-12)

Prerequisite: PE-H I

Same as above (Physical Education - Health I) completing opposite Health unit.

Weight Training

1 Semester (Grade 9-12)

Prerequisite: None

Weight Training may be taken 1 semester each year as a .5 credit class for a grade. The other semester of the year students may take Weight Lifting. If you take a full year of weights, you can not take a full year of study hall. Your half year of study hall is taken the same time that you are taking weight training. This class will deal with learning the basics of weight training along with working the weights. Spotting techniques, care and use of weight equipment, and setting up weight programs will be the major emphases of the class. Students will keep a daily log of their lifts and also will take a written test at the end of each quarter. It's time to get, "Bigger, Faster, and Stronger!"

Weight Lifting

1 Semester (Grade 9-12)

Prerequisite: None

Please note that this is only worth .25 credit even though it is a semester class. Weight Lifting is a Pass Fail class for .25 credit. This class will deal with learning the basics of weight training along with working the weights. Spotting techniques, care and use of weight equipment, and setting up weight programs will be the major emphases of the class. Students will keep a daily log of their lifts and also will take a written test at the end of each quarter. It's time to get, "Bigger, Faster, and Stronger!"

SCIENCE

Mr. Tom Breitbach

Mrs. Linda Rost

Minimum graduation requirements from BHS include 1 Year of Physical Science (Earth Science, Chemistry or Physics) and 1 Year of Biological Science. Most 4-year colleges require 3 or 4 years of science for admission. Check the requirements closely.

COURSE	PREREQUISITE	OPPORTUNITIES UPON SUCCESSFUL COMPLETION
Physical Science	None	Physics, Astronomy
Biology I	None	Biology II, Horticulture
Biology II	Biology I & Instructor's Consent	Science Elective Credit
Science Research	Biology I & Instructor's Consent	Science Elective Credit
Chemistry	Biology I & Algebra I	Science Elective Credit
Physics	Algebra I & II and Geometry	Science Elective Credit

Physical Science

2 Semesters (Grade 9-12)

Prerequisite: None

Earth Science is an introductory class to the physical and chemical processes of the universe. Included in this class will be a study of matter, energy, motion, forces, waves, electricity and magnetism.

Biology I

2 Semesters (Grade 10-12)

Prerequisite: None

This course includes topics in ecology, diversity, cell biology and genetics. Students will be able to test their own hypotheses related to the content being covered. Ecology and biodiversity will allow students to interact with and form conclusions about living things around them. Then, students will investigate cell structure and function in plant and animal cells, including a brief review of chemistry. Students will then study the diversity of life and mechanisms of change within species and communities.

Biology II

2 Semesters (Grade 11-12)

Prerequisite: Biology and Instructor's consent

This course is designed to follow and apply concepts learned in Biology I. Students will have the opportunity to design and conduct numerous experiments. This course includes units on invertebrates, comparative vertebrate anatomy, and human physiology. Biology II is highly recommended for anyone continuing their education in any scientific area.

Science Research

2 Semesters (Grade 11-12)

Prerequisite: Biology I and Instructor's consent

This course is designed for students who wish to participate in a long-term science research project with the possibility of competing in state and national competitions. Students are encouraged to develop experiments based on their interests, and can also use the Greenhouse for their research project, or for smaller scale experiments. Entry into the course is by instructor approval, only. The expectation is for students to conduct high quality research in interesting and relevant topics, and their experimental design should be close to flawless. Students must be self-motivated, curious, and meticulous to succeed in this class. Competitions can include State Science Fair and the Junior Science and Humanities Symposium.

Chemistry

2 Semesters (Grade 11-12)

Prerequisite: Biology I and Algebra I

Chemistry is a science dealing with the structure and composition of matter and the changes in composition of these materials. This course is designed for students to be able to proficiently use the periodic table, and inter- and intramolecular forces. They will also become proficient in designing experiments to test hypotheses, along with collecting and analyzing data using Excel. Students will also understand the origin of the metric system and its uses, along with famous students that led to our modern understanding of the atom. Electron configurations and the role in bonding, including hybridization of orbitals, will be investigated. Periodic trends will also be studied, and their role in the formation of ionic and covalent bonding, structure, and naming. Also, students will be able to solve problems relating to chemical reactions, molarity and stoichiometry. Final topics will include gas laws, solubility rules, acid-base chemistry, followed by organic chemistry. The course is of particular value to students planning post-secondary study in science and engineering, forestry, agriculture, and any field of medicine. The course is valuable to the understanding of our involvement with chemistry in nearly everything we use in daily life. It is **mandatory** that students bring a calculator to class every day.

Physics

2 Semesters (Grade 12)

Prerequisite: Algebra I, Geometry and Algebra II

Physics is the study of the relation between matter and energy. The first semester covers force and motion, and heat energy. The second semester covers nuclear energy, sound, light, and electricity. Physics is recommended for students planning post-secondary work in any field of science, engineering, or technology. A knowledge of physics is very helpful in understanding basic principles involved in nearly everything from household appliances to rockets. Please note that this class is limited to 20 students.

SOCIAL SCIENCES

Mr. Tim Robinson

Mrs. Brittany Hoversland

Minimum graduation requirements from BHS include 3 Credits of Social Sciences which must be World History, US History and US Government. Psychology and Sociology may be counted as part of the 5.5 Elective Credits required for graduation. Check the requirements closely.

World History

2 Semesters (Grade 9-12)

Prerequisite: None

World History is a study of the development of man since he began to write in 3000 B.C. Although the emphasis will be on western history (Greco-Roman and European), certain aboriginal and oriental cultures will be considered as well. The course will try to vary the approach to history, sometimes proceeding in a chronological manner, while at other times it will explore the history of an entire country, development of cities, or some other topic will be examined from the beginning of its history to the present. The overall purpose of this course is to help students to experience the connection that much of history has with our day to day living. The class will also attempt to foster some familiarity with events and personalities of the past so that they mean something to the student when they are mentioned in the media or come up again in his/her later life.

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U.S. History

2 Semesters (Grade 11-12)

Prerequisite: None

The course is designed to provide a basic background into the development of the United States from post-Civil War to the present. The course will concentrate on the development of social institutions, economic trends, political changes, and the growth and expansion of the nation since the Civil War.

Unit 1— The Age of Industrialization (industrial growth, the rise of labor, the last frontier, the gilded age, an urban society, the progressive era)

Unit 2— The Rise to World Power (an American empire, the U.S. as a world power, WWI)

Unit 3— Prosperity and Depression (The Roaring 20's, the Great Depression, the New Deal)

Unit 4— The World in Conflict (the Road to Global Conflict, WWII, the Cold War)

Unit 5— The United States in a new Era (Truman and Eisenhower, the Kennedy-Johnson years, the Nixon-Ford Era, American Society in Transition, Carter and Reagan)

Students are expected to accomplish the following:

- To learn about the origins and development of this nation's government, economy, society, and culture
- To learn the nature and significance of traditional American values
- To learn about the problems and opportunities of the U. S. in changing from a predominantly rural population to one of urban
- To learn about the development of our democratic system
- To learn about the struggle for equality
- To learn about the changing role of the United States in foreign affairs
- To learn about the effects of technology on American society

United State Government

2 Semesters (Grade 12)

Prerequisite: U.S. History

The central theme of this government course is to make the student aware of the importance of each **individual** in a democracy. A democratic government can succeed only to the extent to which its citizens participate **intelligently** in the governing process. Democracy, like water, can rise no higher than its source. Unless the citizen is familiar with the nature of the government and the political process through and by which the public will is manifested in public policy, the citizens cannot possibly fulfill the role that democracy demands. With this theme in mind, this government course will review major political and economic systems in the world today; study national, state, and local governments; discuss civil rights guaranteed by the United States Constitution; and look into our political process. The course includes a critical review of media in politics, as well as an analysis on the rise of executive power in the presidency. A weekly current event report is required to encourage students to be aware of the world around them. The student will, hopefully, come away with an understanding of our government, respect for law, a sense of patriotism, a sense of duty, and the importance of each individual to the success of a democracy.

Sociology

1 Semester (Grade 11-12)

Prerequisite: None

Sociology is an elective course that studies human society and social behavior. Positive human relationships are an essential part of a civilized society and how we interact with each other is important so that we can find answers to questions and solve problems in our world. "Sociology teaches us to look at life in a scientific, systematic way." The way that we view the world comes from what we learn in our everyday activities. "The values, beliefs, lifestyles of those around us, as well as historic events help to mold us into unique individuals who have varied outlooks on social reality." This course deals with the social atmosphere that helps to make us who we

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are and how we behave. Sociology will cover topics such as culture, violence, deviance, social control, socialization and personality, group behavior, social class, and social institutions. The key component of this course is to study ourselves and the society that influences our behavior.

Psychology

1st or 2nd Semester (Grade 11 and 12)

Prerequisite: None

In this course, students investigate why human beings think and act the way they do. This is an introductory course that broadly covers several areas of psychology. Instructional material presents theories and current research for students to critically evaluate and understand. Each unit introduces terminology, theories, and research that are critical to the understanding of psychology and includes tutorials and interactive exercises. Students learn how to define and use key terms of psychology and how to apply psychological principles to their own lives. Unit topics in this one-semester course include methods of study, biological basis for behavior, learning and memory, development, individual differences, and psychological disorders.

TECHNOLOGY EDUCATION

Mr. Jade Melby

Minimum graduation requirements from BHS include 1 Credit of Vocational Practical Arts and 5.5 Credits of Electives. The Technology Education classes listed below will fulfill the requirements for both areas. In addition, Drafting will fulfill the credit requirements for Fine Arts. Check the requirements closely.

Drafting

2 Semesters (Grade 9-12)

Prerequisite: Instructor's consent

Drafting is an essential course for any student who is interested in engineering, trade and industrial employment, or persons wanting to construct something using a detailed plan. Along with conventional drafting, this course will include general drafting and architectural drafting using the computer.

Advanced Drafting

2 Semesters (Grade 10-12)

Prerequisite: Drafting and Instructor's consent

Advanced Drafting students will continue to expand and refine skills that were introduced to them in their previous Drafting course.

Construction

2 Semesters (Grade 10-12)

Prerequisite: Instructor's consent

This class will consume two periods of the day, however students may enroll in either one or two periods of Construction. Students completing this class will have the skills necessary for obtaining entry-level construction employment. Students will learn basic carpentry for framing, siding and shingling. Students will learn basic wiring, blueprint plan reading and construction plan development. Students will do on-the-job work experience activities as can be arranged with area employers. Drafting is recommended but not required before taking this class.

Woodworking

2 Semesters (Grade 9-12)

Prerequisite: Instructor's consent

This course will allow the student to develop their interests in the area of woods, acquire a knowledge of power tools, hand tools and techniques to construct large or small projects, and to expand their creative ability. The course may help a student attain employment in the woodworking field as well as be helpful for the hobbyist. The class

may be taken for more than one year if previous years were satisfactory. Drafting is recommended but not required before taking this class.

NON- DEPARTMENTAL COURSE OFFERINGS

Mr. Tom Kendall

Ms. Diane Van Gorden

Mr. Dave Breitbach

Ms. Jill Myhre

Mrs. Mary Ellen Bagley

Minimum graduation requirements from BHS include 5.5 Elective Credits. Many of the classes listed below fulfill the credit requirement for Electives. Please note that some of the classes listed below receive .25 credits or no credit for enrollment in the course. Check the requirements closely.

Drivers Education

1 Semester (age: must be 15 years old within six months following completion of the course)

The goal of Drivers Education is to develop and aid students who, when finished with driver education, will be at such a competency level that they will pass the written and practical tests required by the state to receive their driver's licenses. This basic objective will be brought about by the following specific objectives:

- To develop and improve good driving habits and skills
- To develop and improve defensive driving skills for the safety of the driver and others
- To increase knowledge in driving rules and laws
- To give a good, sound background in driver education and the three objectives listed above. This will be made possible by providing:
 - a) Sixty hours of classroom instruction
 - b) 6-10 hours of behind-the-wheel driving experience
 - c) 5-10 hours of in-vehicle observation
- Students will achieve 5 scores of at least 90% while driving and an 80% average on classroom work before being allowed to test for driver's licenses

Library Science / Aide

1 Semester / 2 Semesters (Grade 11-12) Pass/Fail Grading

Prerequisite: Instructor's consent

Please note that this class is (.25) credits per semester. There will be two (2) student library aides for each semester. (One during periods 1-4 and the other during periods 5-7) Their duties will consist of:

- Checking books in and out
- Checking magazines in and out
- Re-shelving books and magazines
- Assisting students and faculty in the location of information
- Keeping an eye on the library in general
- Helping get new books ready for circulation, preparing bulletin boards and displays, etc

Elective Reading

2 Semesters (Grade 11-12, 10th grade students with special permission)

Prerequisite: Consent of Instructor

This course is designed to allow students to explore contemporary literature. Students will be required to spend class time **READING** or working on class-related assignments (book reports or AR tests). Students are required to read and test/report on six (6) or more 150-page books per quarter. Students are not required to finish every book they start, but they must meet the 6 books finished per quarter requirement.

Reading material will not be limited to the collection at the Baker Middle School/High School Library. Students may check out materials from other libraries or bring them from home.

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The only limitations on reading material are that students MAY NOT read items that are on the reading lists for classes taught by the BHS English Language Arts Department and they are not to read books read previously, either for pleasure or as part of another class. During their four years of high school, students may not take more than two (2) semesters of Elective Reading.

Work Release

1 Semester or 2 Semesters (Grade 11-12)

Prerequisite: Consent of Principal

No credits are awarded for enrollment in the class

Work Release allows students to experience a paid or unpaid on-the-job experience through training agreements with employers. Juniors may enroll in one period per day of Work Release and seniors may enroll in 2 periods per day. Students wishing to take this course must receive approval through the High School Principal.

Teacher Aide-Elementary

1 Semester or 2 Semesters (Grade 12)

Prerequisite: Consent of Elementary Principal and High School Principal

Students enrolled in this course will be provided a workplace experience in the field of education. Goals for this course are typically cooperatively set between the student and teacher(s) that the student is assigned to at either Lincoln Elementary or Longfellow Elementary. This course may include classroom experiences and activities as well as discussions regarding experiences that students encounter in the workplace.

Study Skills

2 Semesters (Grade 9-12)

Study Skills class is designed to assist those students who may need additional support with their academic load. The class will be graded on a pass/fail basis. One short study skills lesson is required per week.

PALS

1 or 2 Semesters (Grade 9-12)

Prerequisite: Consent of PAL Advisor and School Counselor

Positive Adolescent Learning Study (PALS) is a program to assist children with needs in the areas of education, social and personal skills by the use of a young adult in both a classroom and out of school setting. The program supervisors collaborate with the classroom teacher and the parents of the child, to ensure the child's needs will be met. Each young adult or PAL will receive a pass-fail grade for participation in the program.

STUDY HALL

1 or 2 Semesters (Grade 9-12)

No credits are awarded for enrollment in this class

PREMISE : A Study Hall is an area for students to work on school work in a quiet atmosphere.

In line with the above premise, the following rules and regulations are necessary to insure the proper atmosphere.

- Study Hall is to be used for completion of assignments and projects as well as for studying for exams. This means that the room is to be quiet. You must come to study hall prepared to work every day.
- Have your books, notebooks, and a pencil or pen available and ready.
- No cell phones or other electronic gear are allowed in study hall or in school.
- No food or snacks in study hall; drinks only in screw-top containers.
- Students may check out of study hall only when requested by the teacher they are going to see.
 - Students must present their pass to the study hall teacher any time after she / he has taken roll.
 - If students need to work in a teacher's room or need help from a teacher during the teacher's preparation period, **the student should see the teacher before school, at noon, or between periods for a pass.**
 - If the teacher is free during the period and willing to let the student come to the classroom, the student will get a pass from the teacher asking that the student be excused from the study hall.
 - Students will not be allowed to leave study hall to get a pass from another teacher

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- You may work / study in groups only if productive and relevant.
- The computer labs' focus is for schoolwork; games, e-mail, instant messaging, and on-line chatting are **not** allowed. Internet browsing will be allowed with permission from the study hall supervisor, computer lab supervisor or librarian.
- Students on D-F mid-term or 9-week grading list may not go to the library or computer labs during the remainder of the grading period except for curricular purposes. The student's privileges will be restored at the beginning of the next quarter or at the next mid-term, whenever their grade(s) rise above a D. (*Honor Roll students are exempt from the D-F rule.*)
- Students not on the honor roll must bring appropriate reading material to study hall and are expected to use it when their homework is completed.
- **Students with Honor Study Hall** privileges who remain in the building during Honor Study Hall are subject to these study hall guidelines.
- Students in Driver's Education are assigned to a study hall during other student's driving hours. They are subject to these study hall guidelines when in study hall.

If a student is a habitual offender of study hall guidelines, the administration will be notified and the students will be sent to an alternative study hall setting.

Use this study hall and all its resources to your utmost advantage.
We are here to assist you in achieving success in all your classes.

ZERO HOUR CLASS OFFERINGS

Zero hour classes will begin at 7:30 AM and end at 8:22 AM. Attendance will be taken and grades will be calculated in the same way as periods 1-7. The start time will be adjusted accordingly for Friday and Holiday Schedule days.

Here are some rules that will govern zero hour classes:

- If you take a zero hour class you must have 7 total classes throughout the day.
- You may be dismissed from campus for the open period during the day that adding a zero hour class will create. There is no guarantee where that open period might be in your schedule.
- Students may choose to have 8 classes by taking the regular 7 periods and adding zero hour.

Students may select one class from these zero hour options:

- High School/Middle School Choir
- Weights

YOU CAN REGISTER FOR A ZERO HOUR CLASS AT THE BOTTOM OF THE STUDENT REGISTRATION FORM ON THE LAST PAGE OF THIS HANDBOOK.

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ALL COURSES OFFERED FOR 2017-2018 BY COURSE CATEGORIES

(S/F)=Can take for semester or full year

(S2)=Semester two only

(S1)=Semester one only

(S1/S2)=Semester class may be taken 1st or 2nd Semester

English Language Arts

English 9
English 10
English 10A (AP Prep)
Composition 11 (S2)
Composition 12 (S2)
Mythology (S1)
Contemporary Literature (S1)
Drama, Theater, Film (S1)
English Literature (S1)
World Literature (S1)
Practical English
Essentials of English
AP English Literature

Speech

Speech

Mathematics

Math I
Math II
Algebra I
Geometry
Algebra II/Trig
AP Calculus
Advanced Math
Essentials of Math

Physical Education

PE I
PE II
Weight Training (S1/S2)
Weight Lifting (S1/S2)
Zero Hour Weights

Science

Earth Science
Biology I
Biology II
Chemistry
Physics
Science Research
AP Biology

Social Studies

World History
US History
US Government
Psychology (S1)
Sociology (S2)

Art

Arts and Crafts (S/F)
AP Art
AP Art Lab
Computer Graphic Design

Business/Computers

Document Formatting (S1/S2)
Computer Apps I- IV (S1/S2)
Computer Graphic Design (S/F)
Computer Programming I-III (S/F)
Accounting I
Accounting II
Business Law (S2)
Intro to Business (S1)

Family & Consumer Science

Culinary Arts (S/F)
Financial Literacy (S/F)
Child Development
Fiber Arts and Technology (S/F)

Agriculture Science

Beginning Ag Welding (S1/S2)
Small Engines (S1/S2)
Ag Science I-IV (S1/S2)
Advanced Ag Mechanics
Advanced Ag Welding

Foreign Language

Spanish I-III
French I-III

Music

Band
Choir

Industrial Arts

Drafting (S/F)
Advanced Drafting (S/F)
Construction
Woodworking

Electives

Driver's Education (S1/S2)
Publications
Elective Reading
Library Aide (S/F)
Study Hall (S/F)
Study Skills (S/F)
Elementary Teacher Aide (S/F)
Work Release (S/F)

2017-2018 COURSE LIST BY GRADUATION REQUIREMENT FULFILLMENT

English (4 years/8 semesters needed)

English 9
English 10
English 10A (AP Prep)
Composition 11 (S2)
Composition 12 (S2)
Mythology (S1)
Contemporary Literature (S1)
Drama, Theater, Film (S1)
English Literature (S1)
World Literature (S1)
Practical English
Essentials of English
AP English Literature

Speech (1/2 year/.5 semester needed)

Speech

Mathematics (3 years/6 semesters needed)

Math I
Math II
Algebra I
Geometry
Algebra II/Trig
AP Calculus
Advanced Math
Essentials of Math

Physical Education (2 years/4 semesters needed)

PE I
PE II

**Science (2 years/4 semesters needed –
1 year must be a biological and 1 year must
be a physical)**

Earth Science
Biology I
Biology II
Chemistry
Physics
AP Biology

Electives (5.5 years/11 semesters needed)

- If you take more than the required number of credits needed in a category, the extras are then rolled over into electives. For example: You will need 2 years of Science to graduate. You take Earth Science and Biology I to fulfill your Science requirement. If you take Chemistry, then it will count as an elective.
- There are several classes not listed above that are offered at BHS and count as electives, they include Spanish, French, Psychology, Sociology, Science Research, Weights, Driver's Ed, Publications, Elective Reading, the Aide courses, Study Skills and PALS.

**Social Studies (3 years/6 semesters needed –
1 year must be World History, 1 year must be a
US History and 1 year must be a US Govt.)**

World History
US History
US Government

Fine Arts (1 year/2 semesters needed)

Arts and Crafts (S/F)
AP Art
Computer Graphic Design
Fiber Arts and Technology (S/F)
Band
Choir
Drafting (S/F)

**Vocational/Practical Arts (1 year/
2 semesters needed)**

Document Formatting (S1/S2)
Computer Apps I- IV (S1/S2)
Computer Graphic Design (S/F)
Computer Programming I-III (S/F)
Accounting I
Accounting II
Business Law (S2)
Intro to Business (S1)
Culinary Arts (S/F)
Financial Literacy (S/F)
Child Development
Fiber Arts and Technology (S/F)
Beginning Ag Welding (S1/S2)
Small Engines (S1/S2)
Ag Science I-IV (S1/S2)
Advanced Ag Mechanics
Advanced Ag Welding
Drafting (S/F)
Advanced Drafting (S/F)
Construction
Woodworking