

# **Bendle High School**

**Mr. Brandon Chapman, Principal**

**591-5103**

**Mrs. Liane Steller, Assistant Principal/AD**

## **Curriculum and Course Guide 2021-2022**

## ***Bendle Public Schools Mission Statement***

Bendle Public Schools is committed to helping people help themselves to improve the quality of their lives and that of future generations.

## ***Bendle High School Mission Statement***

Bendle High School will provide opportunities that will empower each student to achieve his/her potential in a healthy, safe, and technologically-rich environment.

## ***Bendle Board of Education***

Dave Wallace, President  
Janis Bugbee, Secretary  
Bard Scott, Vice President  
Debbie Dunsmore, Treasurer

Dave Love, Trustee  
Rene' Robbins, Trustee  
John Stanke, Trustee

# **Bendle High School Staff Directory**

Brandon Chapman	Principal	Main Office
Liane Steller	Assistant Principal /AD	Main Office
Nancy Parks	Principal Secretary	Main Office
Vanessa Parr	Attendance/Athletic Secretary	Main Office
Kristina Breidenstien	Guidance Counselor	Counselor's Office
LaTonya Mosley	Social Worker	Counselor's Office
Erin Brown	English	Rm. A-9
Gina DeSimone	English/Social Studies	Rm. A-5
Tammy Parker	English/Health	Rm. A-6
Elizabeth Seavey	English	Rm. A-8
Suzanne Root	English/Comm./Drama	Rm. A-4
Jeffrey Long	Math	Rm. C-3
Dan Macko	Math	Rm. C-2
Tracey Pardiack	Math	Rm. C-5
Todd Barden	Science	Rm. C-6
Erich Mullin	PE	Gym
Madeline Belland	Science	Rm. C-4
Nick Doyon	Science	Media Center
Niles McNiel	Social Studies	Computer Lab
Matt Sayers	Social Studies	Rm. A-7
Marsha Bowser	Spanish/Social Studies	Rm. A-3
Amber Parsons	Special Education	Rm. A-2B
Lonnie Lane	Special Education	Rm. A-2A
Aimee Schultz	Special Education	Rm. A-2A
Brooklyn Dobis	Life Management	Rm. C-1
Kevin Meinka	Band/Instrumental Music	Band Room

# *Career Pathways*

Career Pathways are broad groupings of careers that share similar characteristics and whose employment requirements call for many common interests, strengths and competencies. The desired outcomes of career preparation are student achievement and ultimate success in a career of choice. Meeting the career-related needs of students calls for alignment with career opportunities in the real work world. Career Pathways provides a useful framework to aid both students and educators in making those meaningful connections to the working world. Six Career Pathways, while not specifically required as presented, have been identified to cover all career opportunities regardless of educational requirements:

- Arts and Communications: careers related to the humanities, the performing, visual, literary, and media arts.
- Business, Management, Marketing, and Technology: careers related to all aspects of business, including accounting, business administration, finance, information processing, and marketing.
- Engineering/Manufacturing and Industrial Technology: careers related to technologies necessary to design, develop, install, or maintain physical systems.
- Health Sciences: careers related to the promotion of health, as well as the treatment of injuries, conditions, and disease.
- Human Services: includes careers in childcare, civil service, education, hospitality, and the social services.
- Natural Resources and Agriscience: careers related to natural resources, agriculture, and the environment.

Personal aptitudes and interests are important factors as students begin to identify career opportunities. Career Pathways gives flexible identity and structure to the student career choice process, as well as to educational programs and services that contribute to the career preparation of students. Even though described as part of Career Development, the alignment provided through Career Pathways influences all career preparation components, including those at the post high school level.

# **Graduation Requirements**

**Class of 2022 and Beyond:** The total number of credits needed to graduate is 21 Required classes are defined as follows:

**English (4) Credits:-** 9, 10, 11, 12

**Language Other than English (2) Credits:** Spanish, American Sign Language

**Visual, Performing and Applied Arts (1) Credit -** Band, Drama, Drawing, Foods, Textiles, CTE at GCI

**Social Studies (3) Credits -** American History, Government, Economics, World History

**Math (4) Credits -** Algebra I, Geometry, Algebra II and Math in the senior year

**Science (3) Credits) -** Biology, Chemistry or Physics and a third science

**Physical Education/Health (.5 credit of each)**

**Senior Project (.5 credit) -** Students must successfully complete the Senior Project class in the last semester of their senior year.

**Online Learning Experience -** Course, Learning or Integrated Learning Experience.

# **Special Programs**

## **On-line**

This is a new learning environment that enhances learning options. The student will take an Internet class for credit. This class cannot replace a regular class now in existence. A maximum of two (2) on-line classes per trimester are allowed. On-line classes must have the permission of the building principal before the student can enroll. To view a list of on-line classes visit [www.geneseeisd.org](http://www.geneseeisd.org).

## **Genesee Career Institute (Formerly known as Skill Center)**

Only juniors and seniors in good standing can attend the GCI. The GCI offers classes in the following areas: Environmental Sciences, Health and Medical Science; Hospitality and Food Services; Manufacturing and Engineering Sciences; Personal Services; Propulsion Technology, Structural Technology, Emerging Technology, Visual Communications; and Business Development and Leadership.

## **Dual Enrollment**

This program allows high school students to enroll in college courses. Students can qualify for dual enrollment by taking one of the following assessments and achieving a minimum qualifying score: PLAN, ACT, PSAT, SAT, COMPASS or ACCUPLACER. Additionally, eligible students may take courses for which there are no endorsements such as computer science, foreign language, social studies, as long as the student has taken all sections of the PLAN, ACT, M-STEP, PSAT or SAT. State endorsement is not required in any specific area for this participation. This class cannot replace a regular class now in existence in the home school. The college course cannot be a hobby, craft, or recreation course, or in the subject areas of physical education, theology, divinity, or religious education. This program is available only to juniors and seniors in good standing. You must obtain prior approval from the superintendent and principal before you can enroll in the class. (The district may not reimburse the full cost of Dual Enrollment.)

## ***Grades***

A = 100 - 94	B+ = 89- 87	C+ = 79 - 77	D+ = 69- 67	E = 59 - 0
A- = 93 - 90	B = 86 - 84	C = 76 - 74	D = 66- 64	
	B- = 83- 80	C- = 73 - 70	D- = 63- 60	

## ***Semester Scheduling***

There are two semesters per school year. This means that students will have six classes every day, and a total of 12 classes per year. Each class is worth .5 credit. Students have the opportunity to earn 3.0 credits per semester, 6.0 credits per year.

## ***Honor Roll***

Any student who obtains all “A’s” and “B’s” during a semester is eligible for the honor roll for that time period.

## ***National Honor Society***

The National Honor Society is the leader among organizations and societies that promote appropriate recognition for students who reflect outstanding accomplishments in the areas of scholarship, character, leadership and service. Thousands of schools are chartered and their chapters are following the Constitution.

National Honor Society membership is often regarded as a valid indicator that the student will succeed in life, and particularly in studies at the post-secondary education level. The Honor Society member has already exhibited academic achievement, leadership, honorable and admirable character, as well as service demonstrating that the member is willing to use talents and skills for the improvement of society.

## ***Co-Teaching Philosophy***

Co-teaching occurs when a Special Education and a General Education teacher work together in the general education classroom to promote successful learning for all students. This unique team has the opportunity to support a wide range of learners more effectively by focusing on individual learning styles and providing twice the opportunity for individual assistance, thus facilitating learning for all students.

## *Educational Development Plans (EDP's)*

An Educational Development Plan is part of our Career Preparation Program, as required by the State of Michigan. All BHS students must have an updated EDP. An EDP is a web-based document in which students identify career goals, interests, and skills that will help them to meet their goals. Students also document their experiences, education, accomplishments, and a plan of action that is needed in order to achieve their goals. This is a 6-year process, beginning in 7th grade, and concluding with post high school planning.

Throughout their high school career, students will be required to update the EDP on an annual basis. It is expected that as students mature and have exposure to more courses, career exploration opportunities, their choices of a career path may vary. Students are now able to complete and update their EDP anywhere via the Internet. This is a very confidential and secure system that utilizes individual ID and password access. Students are not asked to enter personal information, such as social security numbers and birth dates.

To assist your children with the EDP process:

- Talk with your children about their likes, dislikes and post-secondary school preferences.
- Help them to assess their strengths and weaknesses.
- Note hobbies and outside interests.
- Check with your school to learn what career-related classes, activities, and services are provided.
- Sign a paper copy of your child's EDP.
- Encourage work-based learning opportunities, such as job shadowing, or cooperative education.



# **Suggested 2-Year College and Vocational School Program**

## **Ninth Grade**

English 9 A & B  
Algebra 1 A & B  
Earth or Physical Science  
American History A & B  
Physical Education  
Health  
Spanish I A & B

## **Tenth Grade**

English 10 A & B  
Algebra II A & B  
Biology A & B  
Government  
Economics  
Spanish II A & B

## **Eleventh Grade**

English 11 A & B  
Geometry A & B  
Chemistry A & B or Physics A & B  
World History A & B  
Spanish I or II A & B (if 2 credits not previously completed)

## **Twelfth Grade**

English 12 A & B  
Personal Finance  
Advanced Communications  
Senior Project  
Spanish II A & B (if 2 credits not previously completed)

# **Suggested 4-Year** **College Program**

## **Ninth Grade**

English 9 A & B  
Algebra I A & B  
Earth or Physical Science  
American History A & B  
Health  
Physical Education  
Spanish I A & B

## **Tenth Grade**

English 10 A & B  
Algebra II A & B  
Biology A & B  
Government  
Economics  
Spanish I A & B (if not completed in 9th grade)  
Spanish II A & B

## **Eleventh Grade**

English 11 A & B  
Geometry A & B  
Trigonometry  
Pre-calculus  
Chemistry A & B  
World History A & B  
Spanish II A & B (if 2 credits not previously completed)

## **Twelfth Grade**

College English A & B  
Pre Calculus  
Calculus  
Physics A & B  
Life Management  
Spanish II A & B (if 2 credits not previously completed)  
Advanced Communications  
Senior Project

**BENDLE HIGH SCHOOL**  
**2021-2022**  
**ACADEMIC FOUR-YEAR PLAN**

	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>English (4)</b>	English 9	English 10	English 11	English 12
<b>Math (4)</b>	Algebra I or Geometry	Algebra II or Geometry	Geometry Consumer math	Consumer Math Math 12
<b>Science (3)</b>	Earth or Physical Science	Biology A & B	Chemistry I Zoology	Chemistry I, II Zoology
<b>Social Studies (3)</b>	American History	Government/Economics	World History	
<b>Other Required Classes</b>	Health Physical Ed. Spanish I	Spanish I Spanish II	Spanish I Spanish II	Advanced Communications Senior Project Spanish II
<b>Electives Drawing</b>	Band Computer Applications/ Keyboarding Court Sports Drawing Field Sports Family Consumer Science Strength & Conditioning	Band Computer Applications/ Keyboarding Court Sports Drawing Field Sports Family Consumer Science Strength & Conditioning	Band Court Sports Family Consumer Science Field Sports Foods & Nutrition I Drawing 1960's & Beyond History of Astro Physics Myths & Legends Personal Family Living Strength & Conditioning  GCI (skill center)* Dual Enrollment*	Band Court Sports Family Consumer Science Field Sports Foods & Nutrition II Drawing 1960's & Beyond History of Astro Physics Myths & Legends Personal Family Living Strength & Conditioning  GCI (skill center)* Dual Enrollment*
<b>Note: *Must qualify for dual enrollment. GCI applications are submitted during 10th grade year.</b>				

# **Business**

## **Computer Applications/Keyboarding (Office 2007) (Elective—1 Semester)**

**Grades 9-12**

**Prerequisite: None**

This class will cover an introduction and intermediate instruction of the concepts and techniques in Microsoft Windows and Microsoft Office 2007 applications. The students will also have the opportunity to work with Blackboard, an online classroom environment frequently used by colleges and universities. This will allow the Computer Applications students to take quizzes and tests online from the classroom. Students will also be able to submit their coursework online to the teacher. At the completion of the class, students will be able to utilize the above applications and explain the usage of the applications in real-life settings. The course includes reading the text and completing exercises on the workstations.

Elective offerings may vary year to year.

# ***Fine Arts***

## **Family Consumer Science (Elective - 1 Semester)**

Grades 9-12

Fine Arts in FCS is a crafty class! It isn't a sewing or clothing class! It's a fun new class with a twist where you will learn to sew on buttons, learn different stitches, make magazine purses, duck tape wallets, recycle old jeans and t-shirts into fun new items, and much more! This class is VERY project based. Each student will be working at his or her own pace, it is very important to stay ON TASK!!!!

## **Band (Elective—Full Year)**

Grades 9-12

**Prerequisite:** Prior enrollment in band class or permission of band director

High School Band consists of two seasons. The first is Marching Band and the second is Concert Band. The Marching Band season lasts for the duration of the home football season. There will be a required band camp in which the students will meet before the beginning of the school year for one week. Band requires special sectionals and periodic performances both before and after school as well as on the weekends. Band members will also attend the MSBOA festivals. The focus of the first semester will be marching band, football game performances, the homecoming parade, and marching band festival. The focus of the second semester will be the holiday concert, concert band festival, solo and ensemble (which is an optional activity), and the Westgate Memorial concert and graduation.

## **Drawing (Elective— 1 Semester)**

Grade 9-12—Online ONLY

High School student will experiment with several different art materials and tools to see what each tool can do best. Students will explore ordinary things around them to become more observant of the structures and meanings of things which can be seen in your their home and community. Your work will be your own study of the forms, textures, movements, and patterns of the things that you see every day. Each project and each lesson is based on the one before it; so always do the lessons in the order they are given. Be sure to follow the directions exactly regarding which materials, sizes, and subject matter to use for each project. Each lesson will be a study of a new way of drawing.

# **Foreign Languages**

## **Spanish I (Elective—2 Semesters)**

**Grades 9-12**

**Prerequisite: None**

Spanish I is a course designed to introduce the student to the Spanish language and the people, culture, and countries who use the language. Students acquire the fundamental vocabulary and grammar skills necessary to understand and speak the language. Spanish I students learn to speak and write about themselves and their world in the target language. Through a number of various activities and projects, students will engage themselves in reading, writing and conversation centering on everyday life situations, as well as being enriched by studying about diverse cultures. Students must pass part A of this class to enroll in part B.

## **Spanish II (Elective—2 Semesters)**

**Grades 9-12**

**Prerequisite: Successful completion of Spanish I, earning a grade of C or higher**

Spanish II is a continuation of Spanish I in which students will progress in their knowledge of the Spanish language through expanded vocabulary, new verb tenses, and more complex sentence structure. Students will also increase their understanding of various perspectives of Spanish culture. Students must pass part A of this class to enroll in part B.

# **Health/Physical Education**

## **Health (Required - Full Year)**

**Grade 9**

**Prerequisite: None**

This class provides an overview of mental, social and personal health; the life cycle, body systems, nutrition, medicines and drugs, diseases and disorders. Students are expected to participate in the various individual and group activities and discussions used to enhance life long learning.

## **Physical Education (Required -1 Semester)**

**Grades 9-12**

**Prerequisite: None**

Physical Education objectives are to provide the students with a curriculum and environment which encourages lifelong responsibility to physical activity and healthy behavior. Students will be provided the opportunity to experience basketball, golf, volleyball, soccer, resistance training and other various team sports activities.

## ***PE Electives...***

### **Strength and Conditioning**

Strength and conditioning objectives are an introduction to weight training and a fitness program that includes progressive conditioning methods. The fundamentals of strength training through the use of machine and free weights, training exercises such as jogging, sprinting, footwork agility drills and sport specific exercises will be taught. Also, basic anatomy and physiology associated with weight training and safe lifting procedures will be covered.

# **Health/Physical Education (cont'd.)**

## **Field Sports**

**Flag Football:** This course presents basic skills and rules in football (stances, ball carrying, passing, receiving, kicking, and centering). Students practice basic elements of offensive and defensive play.

**Soccer:** This course is intended to introduce the student to the basic and intermediate aspects of soccer. Through instruction, demonstration, practice, and play, the student will learn the skills, rules, and strategies involved in the game of soccer. It will also cover some of the basic aspects of conditioning, working in groups, and developing teamwork.

**Lacrosse:** This course includes fundamental skills, strategies, rules and knowledge for playing lacrosse.

## **Court Sports**

**Basketball:** This course introduces basic skills and techniques of basketball. Students practice shooting, passing, dribbling, footwork, rebounding, defense, and combining individual offensive and defensive techniques into play patterns.

**Volleyball:** This course is intended to introduce the student to all aspects of power volleyball. Through instruction, practice and play, the students will learn the skills, rules, and strategies involved in the game of power volleyball. It will also cover some of the basic aspects of conditioning, fitness, and the benefits of exercise. Students will learn the importance of teamwork and working in groups.

**Floor Hockey:** This course introduces basic skills of hockey. Through practice and play, students will learn the skills, rules and strategies of hockey.

**Elective offerings may vary year to year.**



# **Language Arts**

## **English 9 (Required—2 Semesters)**

**Grade 9**

**Prerequisite:** None

The goal for English 9 is to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 9, students will be introduced to the various genre of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Ninth graders will connect with and respond to texts by analyzing relationships within and across families, communities, societies, governments, and economies. Through the lens of Inter-Relationships and Self-Reliance, they will consider how they build relationships, how their relationships impact others, and their responsibility to society.

## **English 10/American Literature (Required—2 Semesters)**

**Grade 10**

**Prerequisite:** English 9

The goal for English 10 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 10, students will add to the list of various genre of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school. Tenth graders will connect with and respond to texts through critical response and stance. They will learn to evaluate for validity and quality, to balance and expand their perspectives promoting empathy, social action and appropriate use of power. Critical Response and Stance offers students the lens to assess and modify their beliefs, views of the world, and how they have power to impact them.

## **English 11/World Literature (Required—2 Semesters)**

**Grade 11**

**Prerequisite:** Successful completion of English 9 and 10

The goal for English 11 is to continue to build a solid foundation of knowledge, skills, and strategies that will be refined, applied, and extended as students engage in more complex ideas, texts, and tasks. In English 11, students will add to the list of various genre of classic and contemporary narrative and informational texts that will be read and analyzed throughout high school with a special focus on British and World literature and ACT success. Eleventh graders will connect with and respond to texts through transformational thinking. They will learn to use forward thinking to help make better decisions, to generate new ideas for solving problems, and to find wisdom. They will build a context for change in their lives and develop realistic plans for the future.

# **Language Arts (cont'd.)**

## **English 12 (Required—2 Semesters)**

**Grade 12**

**Prerequisites:** Students must have passed English 9, 10, and 11.

The goal for English 12 is to refine, apply, and extend the solid foundation of knowledge, skills, and strategies developed in English 9 through 11. Using the lens of leadership skills, English 12 students will develop a world perspective by analyzing classic and contemporary texts in a variety of genre, including post-colonial literature. Twelfth graders will synthesize information, ideas, and themes to understand the past, the present, and to think innovatively about the future. They will identify and apply their own leadership skills and prepare for responsible action as American citizens in the context of a global world.

## **Mythology and Legends**

**Grades 11-12**

**Prerequisite:** English 10; minimum GPA of 2.0 or teacher recommendation

This course expands the knowledge of Mythology introduced in English 9 and 10. Students will do in-depth study of myths and legends from various regions of the world. Course will emphasize understanding of qualities of myths and legends, appreciation for different cultures, and examination of universal themes.

## **Reading Plus**

Reading Plus is a web-enabled reading intervention system that uses innovative technology to provide individualized scaffolded silent reading practice for students. This program picks up where phonics and oral reading instruction leave off, providing rapid and sustainable comprehension and silent reading fluency gains. Students develop sustained attention, word recognition automaticity, grade-appropriate reading rates, enhanced vocabulary, and improved reading comprehension.

**Elective offerings may vary year to year.**

# ***Language Arts (cont'd.)***

## **Communication**

**Grade 10**

**Prerequisite: English 9**

Students will cover all forms of communication; speaking, listening, reading, writing. Students will demonstrate skills in informative speaking, persuasive writing and speaking . Students will work on reading skills through Oral Interpretation. Students will develop listening skills through a variety of listening activities. Students will demonstrate a variety of interpersonal and intrapersonal communication skills such as self evaluation of learning styles.

**Elective offerings may vary year to year.**

# **Life Management Education**

## **Personal Family Living (Elective—1 Semester)**

**Prerequisite:** None

This course is designed to allow students to learn about themselves and many issues facing today's teen. Four major focuses of the course are understanding self-esteem, dealing with teen pressures, facing life crises, and the different paths of the human life cycle.

## **Foods & Nutrition I (Elective—1 Semester)**

**Grades 9-12**

**Prerequisite:** None

This course focuses on the importance of eating a healthy balanced diet throughout a person's lifetime. Students will learn about the nutrients, food guide pyramid, and following recipes. The students will work cooperatively in groups in the kitchen to prepare many types of food ranging from vegetarian pizza to a full holiday meal served buffet style.

## **Textiles I (Elective—1 Semester)**

**Grades 9-12**

**Prerequisite:** None

Textiles is designed to teach the student how to choose and follow patterns and to demonstrate safe and proper use of the sewing machine. The course deals with learning to follow directions, self-motivation, and working from start to finish on a project. Students who complete Clothing I successfully may increase their skills by taking Clothing, II, III or IV. This class requires materials to be purchased. Many students will spend \$100-\$200. Fundraising opportunities are available.

Elective offerings may vary year to year.

# **Life Management Education**

## **Personal Finance (Elective—1 Semester)**

**Prerequisite:** None

Personal Finance prepares students for successful management of their personal finances. It is a course that encompasses the knowledge, skills, attitudes, and behavior associated with family economics and financial education. Throughout the course students will learn how to set financial goals, investigate human capital and career pathways, read paystubs and tax forms, create spending plans, understand the importance of saving and investing, and much more! Students will leave the class prepared for their financial future. Students will be using the Dave Ramsey curriculum through Fifth Third Bank.

## **Peer 2 Peer LINKs -.5 Elective CR**

Grades 10 – 12

Semester Course Prerequisite: Must complete an application and receive approval of program directors.

The LINK program focuses on creating positive interactions between students with and without disabilities. Over the course of a marking period students will have an opportunity to develop leadership skills, team building skills and diversity awareness. Opportunities for relationship building, self-advocacy, and positive behavior are supported in all academic areas. The course includes some lunch hours and after school activities several times a semester. This class may be taken more than once with program director approval.

**Elective offerings may vary year to year.**

# **Mathematics**

## **Algebra I (2 Semesters)**

**Grades 9-12**

This course will begin with an introduction to Algebra, studying variables and their uses, basic operations, and equations. The class will cover properties of numbers, powers, all types of linear equations, graphing, percents, polynomials, systems, factoring, and word problems. The emphasis of the material covered will be to prepare the student for all Algebra areas covered on the MME.

## **Algebra II (2 Semesters)**

**Grades 9-12**

**Prerequisite:** Successful completion of Geometry

This class is for the college bound student with a strong Algebra background. Algebra II is a continuation of concepts taught in Algebra I. It involves the investigation into the equations and inequalities, linear equations and functions, quadratic functions and factoring, polynomials, radical functions, exponential and logarithmic functions, rational functions, conic sections, and probability.

## **Geometry (2 Semesters)**

**Grades 9-12**

**Prerequisite:** Successful completion of Algebra I

This class is for the college bound student with a strong Algebra background. It involves the investigation into the properties, relationships, and measurements of points, lines, angles, surfaces and solids. Emphasis will be placed on deductive reasoning skills, logical structure, and general understanding of geometric relationships through proofs and numerical computations

## **Personal Finance (Elective—1 Semester)**

**Prerequisite:** None

Personal Finance prepares students for successful management of their personal finances. It is a course that encompasses the knowledge, skills, attitudes, and behavior associated with family economics and financial education. Throughout the course students will learn how to set financial goals, investigate human capital and career pathways, read paystubs and tax forms, create spending plans, understand the importance of saving and investing, and much more! Students will leave the class prepared for their financial future. Students will be using the Dave Ramsey curriculum through Fifth Third Bank.

# **Science**

## **Biology (Required—2 Semesters)**

**Grade 10**

**Prerequisite:** Students must have passed Intro to Chemistry and Intro to Physics Or Earth Science

The goal of Biology is to reinforce and extend a variety of science skills and to encourage critical thinking. It will also facilitate student comprehension of, as well as an interest, in Life Science. Students shall become knowledgeable about living things and the student's niche in the greater scheme of life. This course will also enable the student to be more aware of his/her relationship to living things and the environment. This course is designed at an introductory level to educate students to the basic levels of biology. An in-depth look at microbiology, genetics, macromolecules, evolution, and ecology are some of the key sections of the course.

## **Chemistry I (Required if not taking Physics—2 Semesters)**

**Grades 10-12**

**Prerequisite:** Algebra

This is a college prep science course intended for the students with a reasonably strong math background and college interest. We cover a wide variety of chemistry areas in organic and inorganic chemistry. Heavy emphasis is placed on class activities and notes with little emphasis on the book. Much lab work is used to supplement written works.

# **Science (cont'd.)**

## **Physics (Required if not taking Chemistry—2 Semesters)**

**Grades 11-12**

**Prerequisite:** Biology, Physical Science and Algebra I, II (C– or better)

Physics is a science class for juniors or seniors with a good math background. It is a college prep class that should follow, or be taken in conjunction with, Chemistry I. This is a suggestion, but not a requirement. The main requirement would be a strong science interest with math through Algebra II. We study topics that you perceive with your senses, such as motion, light, sound and heat.

## **Anatomy and Physiology (Elective—2 Semesters)**

**Grades 10-12**

**Prerequisite:** Students must have earned at least a “B” in Biology and at least a “B” in Chemistry.

Within the extensive material that will be covered in this course, there is a vocabulary load that must be mastered in order to understand the physiology concepts clearly and consciously. This is executed in the sequential study of the life systems as they influence the human body and its ability to function. Comparative anatomy is one objective of this course. The students will learn the complete location and function of all major organs and organ systems. This course studies the function from a perspective of individual cells to the body as a whole. There will be several dissections that are required throughout this course



# **Science (cont'd.)**

## **Earth Science (Elective—2 Semesters)**

**Grades 11-12**

**Prerequisite:** Intro Chemistry, Intro Physics, Biology

The goal of Earth Science is to reinforce and extend a variety of science skills, and to encourage critical thinking. It will also facilitate student comprehension of the materials, as well as an interest of the Earth and its atmosphere. The students will also take an in-depth examination into the relationship of our Earth, moon, and solar system in space, man's effect on ecosystems and natural resources in the environment, the study of minerals, rocks, hydrology (drainage basins), erosion factors and the impact of technology. Students will participate in a hands-on testing of a local stream and present the results to an elected audience.

## **Zoology (Elective—1 Semester)**

**Grades 10-12**

**Prerequisite:** Students must have earned at least a "B" in Biology and at least a "B" in Chemistry.

Zoology will take an extensive look at the species in the Animal Kingdom. The students will learn the body structures, behavior, and evolutionary patterns of animals, beginning with simple invertebrates and ending with complex mammals. Students will master the levels of classification for each selected species. Students enrolled in this course will be expected to conduct research and write several papers on various selected species. Students enrolled in this course will also be expected to perform dissections on various selected species.

**Elective offerings may vary year to year.**

# ***Social Studies***

## **American History (Required—2 Semesters)**

**Grade 9**

**Prerequisite:** Geography

American History is a course that encourages students to gain an understanding of the political, economic, and social history of the United States. The historical focus of this course is from the Gilded Age through the present. The disciplined study of history and geography is vital and essential for citizens in a democratic society such as the United States. History and geography help students understand the origins, development, growth and challenges of our institutions and our culture. These disciplines help to locate ourselves in both time and space and thus help us think about who we are and about our possible futures. The study of history and geography of the United States prepares us to take up the challenges of life in contemporary society by helping us see the common and diverse strands that formed and continue to shape our present life while developing the habits of mind essential for democratic citizenship. Emphasis is placed on developing higher thinking skills through class discussions and encouraging group participation through interactive projects. Students must pass American History A to continue on to American History B.

## **Government (Required—1 Semester)**

**Grades 10**

**Prerequisite:** None

This course focuses on the student's role as "citizen" in the United States. The student will be introduced to the fundamentals of American Thought and American Government. Emphasis on the student's role in the American political system will be the main focus of the course.

## **Economics (Required—1 Semester)**

**Grades 10**

**Prerequisite:** None

This course focuses on the fundamentals associated with a free enterprise economic system. Emphasis will be placed on such topics as scarcity, opportunity costs, supply and demand, productivity, money, exchange and interdependence. In addition, students will work with the formation and interpretation of graphs, along with their effects on economic decisions.

# ***Social Studies (cont'd.)***

## **World History (1000—Present) (Required—2 Semesters)**

Grade 11

**Prerequisite:** Student will have passed U.S. History (9th) and Government/Economics (10th)

This class will discuss the history of the world spanning the years 1000 to the present day. Students will learn about major events, wars, culture, religion, and the economics of various regions at different times in history. Special attention will be given to broad ideas and lessons that can be applied to multiple civilizations throughout history.

## **1960's and Beyond (Elective—1 Semester)**

Grades 12 preferred

**Prerequisite:** Successful completion of all social studies requirements

This class will cover the United States politically, militarily, economically, and culturally spanning the years 1960 until the present. Projects, lecture, group work, video, and audio clips will be included in the majority of classes. This course will last 1 semester. Students will be expected to grasp sweeping concepts and be able to formulate their own theories about American history.

**Elective offerings may vary year to year.**

# **Special Education**

## **Study Skills (Elective – Full Year)**

**Grades 9-12**

**Prerequisite:** Placement as outlined as part of an active IEP.

**Course Description:** Study Skills provides a resource room for students with a current IEP to receive accommodations and services in a small group environment. Students will receive assistance with general education assessments, assignments, and projects. Direct instruction will focus on the improvement of academic performance as students improve their organization and test taking skills. Students will make individual progress toward their IEP goals and objectives.

## **SE English (2 Semesters)**

**Grades 9-12**

**Prerequisite:** Placement as outlined as part of an active IEP and/or personal curriculum on file.

**Course Description:** The SE English course is designed to strengthen real-life communication skills in several key areas such as grammar, punctuation, vocabulary, reading, comprehension, and writing. Students will learn skills and strategies to improve comprehension by identifying key information (dates, times, places, names, conflicts, etc.) and make personal connections to text in order to better assign meaning. Students will learn to individually complete professional forms and applications related to elements they will encounter after graduation and fluently express themselves in the areas of speaking and writing.

## **SE Math (2 Semesters)**

**Grades 9-12**

**Prerequisite:** Placement as outlined as part of an active IEP and/or personal curriculum on file.

**Course Description:** The SE Math course focuses on preparation for real-life consumer based math skills needed for post-secondary success. Students will strengthen their knowledge of and academic achievement in key areas such as core math skills (addition, subtraction, multiplication, & division), elapsed time, money, measurement, and introductory algebraic concepts and skills.

## **SE Life Skills (2 Semesters)**

**Grades 9-12**

**Prerequisite:** Placement as outlined as part of an active IEP and/or personal curriculum on file.

**Course Description:** The SE Life Skills course will aid in the development of real-life skills required to live an independent life style after school. Students will learn job application and interviewing skills, resume development and career research, budgeting skills, identify correct means of public transportation, make healthy nutritional and lifestyle choices, how to complete basic home maintenance (small repairs, warranties, etc.), and self-care skills (cooking, cleaning, laundry, preventive medical care).

# ***Other Requirements***

## **Advanced Communications (Required—1 Semester)**

**Grade 12**

**Prerequisite:** On track to graduate

Advanced communications is designed to assist seniors with career & college research (if undecided) and completing college applications. Seniors will create scholarship profiles in order to apply for national scholarships and will write specific and general essays for national and local scholarships. Seniors will develop and sharpen interview skills, build a resume, create a cover letter template for future use and may complete mock interviews. Seniors will complete their senior year requirements for their Education Development Plan (EDP) and will update extracurricular, volunteer and leadership activities in order to be better prepared for spring local scholarship applications. Seniors may also complete informational interviews and job shadowing in order to help solidify career choice.

## **Senior Project (Required—1 Semester)**

**Grade 12**

**Prerequisite:** On track to graduate

Senior Project is designed for all seniors at Bendle High School to become more aware of the working world and what it requires to be successful in it. Students will learn about topics, such as preparing for work, working on the job, career planning, success skills, managing your money, and independent living. Students will also complete a job shadowing project that allows the student to go into the field of their choice and observe to get an up close and personal experience of the job duties. Students will also learn about themselves in order to find out what types of careers are suited for them. Students will be using all information learned during the semester to give a Senior Exit Presentation. We will also be researching different colleges around the country, and having college speakers and career speakers come in.