

# Blissfield High School Course Catalog 2024-2025



**COMMITMENT TO  
EXCELLENCE**

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# To High School Students and Parents

One of the most important decisions you will make each year in high school will be the selection of your courses. By selecting the appropriate classes and then by putting forth the maximum effort in learning, you will begin to reach your educational potential.

Please consider your course selections very seriously before filling out your course request sheet. Seek information from this Course Guide, your Counselors, Principal, teachers, and parents to help you in this process. You should select the best course of study to meet your educational needs. Please recognize that we will hold you accountable to schedule those courses you request on your form and turn in. Parents and students will not be able to make schedule changes once selections are approved and entered in the system.

The entire Blissfield High School Staff wishes you the best during this course selection process and hopes your years at Blissfield High School are happy, rewarding, and successful.

Best wishes as you plan and strive for academic excellence.

*Michael Bader*

Principal

*Kerri Judkins*

School Counselor



## **BHS Mission Statement**

Blissfield High School provides the programming, culture and climate necessary to create well-rounded, creative, critical thinkers.

# Graduation Requirements

Due to a change in VIP this year, the following is a list of the required total credits to graduate by grade:

Seniors - Class of 2024: 24.5 credits  
Sophomores - 24 credits

Juniors - 24 credits  
Freshmen - 24 credits

Blissfield High School operates on a semester schedule with six class periods and a Variable Instruction Period offered daily. Each subject taken is worth one-half credit per semester with VIP being worth one-quarter credit. STUDENTS SHOULD MONITOR CREDITS EARNED ON AN ANNUAL BASIS.

LISD Tech Center classes receive three credits per year. Co-op students receive one and one-half credits per semester. Work experience students receive one credit per semester and must be in school for four periods. Co-op and Work Experience are coordinated by the LISD Tech Center staff.

\*Students enrolled in LISD tech center courses may not be scheduled for VIP. For those students, an exception to the credit requirements may be made.

## Promotion Requirements

Students are assigned class status based on the number of credits earned. Promotion is carried out prior to the start of the school year only. The following table relates credits earned to class status:

Grade Level	Credits Required
10	5
11	11.5
12	18

## Required Courses

4 credits in English

1 credit in English 9, English 10, English 11, and 4<sup>th</sup> year ELA

4 credits in Mathematics

1 credit in Algebra, 1 credit Geometry, 1 credit Algebra 2 & 1 credit elective

3 credits in Science

1 credit in Biology, 1 credit in Physics or Chemistry, 1 credit in 3<sup>rd</sup> year Science

3 credits in Social Science

1 credit World History, 1 credit U.S. History, ½ credit Government, ½ credit Economics

½ credit in Physical Education, ½ credit in Health

1 credit in Visual, Performing, Applied Arts

2 credits in a World Language other than English

## NCAA and NAIA College-Bound Student Athletes

BHS Student Athletes who may play college level sports should get informed early on regarding the NCAA and / or NAIA eligibility guidelines and registration process. Student Athletes should refer to the following webpages for more details:

### NCAA (Division I, II and III)

<http://www.ncaa.org/student-athletes/future/eligibility-center>

### NCAA Initial Eligibility Process

#### Grade 9 (PLAN)

- Start planning now! Take the right courses and earn the best grades you can.
- Ask your counselor for a list of your high school's NCAA core courses to make sure you take the right classes. Or, find your high school's list of NCAA core courses at [www.eligibilitycenter.org](http://www.eligibilitycenter.org).

#### Grade 10 (REGISTER)

- Register with the NCAA Eligibility Center at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)
- If you fall behind on courses, don't take shortcuts to catch up. Ask your counselor for help with finding approved courses or programs you can take.

#### Grade 11 (STUDY)

- Check with your counselor to make sure you are on track to graduate on time.
- Take the ACT or SAT and make sure we get your scores by using code 9999.
- At the end of the year, ask your counselor to upload your official transcript.

#### Grade 12 (GRADUATE)

- Take the ACT or SAT again, if necessary, and make sure we get your scores by using code 9999.
- Request your final amateurism certification after April 1.
- After you graduate, ask your counselor to upload your final transcript with proof of graduation.

## NAIA

<https://www.playnaia.org>

### NAIA High School Student Registration Checklist

**Step One:** Create an account at [www.PlayNAIA.org](http://www.PlayNAIA.org) using a valid email address at the end of your junior year. Start the process by clicking on "Register to Play."

**Step Two:** Validate email address.

**Step Three:** Pay registration fee. Fee waivers are available based on need.

**Step Four:** Complete profile.

**Step Five:** Review and submit profile.

**Step Six:** Send test scores your junior and / or senior year of high school. When you register to the ACT or SAT, use the NAIA Eligibility Center code 9876 to have the test scores sent to the NAIA Eligibility Center directly from the testing service. Only test scores sent directly from the testing agency are accepted.

**Step Seven:** Send official high school transcript after high school graduation OR after junior year.

# Please Note

Courses are described on the pages that follow. If you need additional information please consult your counselor in the CCC. A sample course description is provided below:

## 032 Mythology

*Prerequisite: A or B in English 9 or successful completion of English 10*



Myth is all around us--from Shakespeare to George Lucas--from Hercules to Harry Potter. This course will explore some of the basic patterns and themes of stories from ancient Greeks to the present. Although there is emphasis on classical myths, students also create their own myths and study some modern myths in film and literature.

**\*A separate application process is held for Dual Enrollment and Tech Center Courses**

Icon Legend			
	Arts & Communication		Health Sciences
	Business, Management, Marketing & Technology		Human Services
	Engineering/Manufacturing & Industrial Technology		Natural Resources & Agriscience
	NCAA approved Core Course		

# COURSE DESCRIPTIONS

## ART

### 451-452 General Art



A year course designed to instruct beginning art students in drawing, painting, ceramics and various mixed media. Students will become familiar with the principles and elements of design while completing a variety of assigned projects and experimenting with different media and processes. In addition to art production, students will be introduced to art history, art criticism and aesthetics.

*\*A \$20.00 lab fee per semester is required for this class*

### 453-454 Ceramics



This is a three dimensional clay course addressing the proper techniques of hand building as well as basic skills in creating clay forms on a potter's wheel. Hand building techniques such as coil, slab, attaching forms, textured surfaces and basic glazing will be covered. Emphasis will be on the elements of three dimensional art as well as art expression. Art History will be covered throughout this class. Technical knowledge of loading, firing, and unloading an electric kiln will also be taught.

*\*A \$20.00 lab fee per semester is required for this class.*

### 455-456 Painting



This is a two-dimensional course which emphasizes the study of aesthetics, the elements of art, painting styles and application, art history, and exhibiting art work for a student show.

*\*A \$20.00 lab fee per semester is required for this class.*

## COMPUTER SCIENCE

### 271-272 Publications



*Prerequisite: 10th, 11th or 12th grade status*

Are you interested in capturing BHS's many activities on film/video and then organizing, designing, editing and writing information about the year at BHS so all students, parents, and community members can remember for years to come? Are you extremely motivated by producing top quality work in a timely fashion as well as the opportunity to represent BHS and the current school year with a professional yearbook that you, your classmates and community members will be proud of? Students in Publications class are required to work with team members, taking pictures, designing layouts, writing stories and captions, editing and proofing, selling and designing advertisements, meeting production deadlines, as well as learning software programs such as Adobe Photoshop, Yearbook Online, as well as video editing software. Each student must develop & display a portfolio of their photography for the Fine Arts Festival.

### 273-274 Computer Science Principles/Robotics



Computer Science Principles introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable curriculum that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in.



# Blissfield Virtual Courses

Are you interested in taking electives not otherwise offered at BHS? Are you a self-driven student, motivated to learn? Through virtual/online classes, students may interact with others throughout the state as they learn about their subject. All offered classes have been aligned to the Michigan High School Content Expectations and students can earn full credit for their work in these courses.

**\*Please note that students who do not pass virtual classes first semester will be removed from virtual classes second semester and scheduled into in-person courses.**

## ENGLISH

### 013-014 English 9



English 9 is the foundation for all other high school English courses. The main areas of focus will be the reader and writer workshop, fiction, nonfiction, poetry, novels, plays, and different genres of writing. This course is comprehensive in many diverse genres to prepare students for the rest of high school. Students will learn how to use the research technology available in today's libraries by using various technological devices to create projects and bibliographies. Literary devices and tools will be explored and used. Grammar, reading, writing, and study skills will be stressed.

### 015-016 English 10



*Prerequisite: Successful completion of English 9*

English 10 builds upon the skills and objectives of English 9 with an emphasis on inquiry and informational text as well as the discovery of literary themes, elements, and devices. Each unit of study is built upon real life issues to help students develop the critical thinking, creativity, communication & collaboration skills necessary to engage with and adapt to our changing world and unique human situations. Grammar and vocabulary are taught and reinforced in the context of writing and research.

### 019-020 English 11



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

Through a variety of readings and the media various issues will be used as a basis for class writings. Students will be expected to become more observant of the world around them and be able to recognize and to articulate (discuss) their thoughts about the issues that make up the community of our lives. Class writings will reflect the variety and depth of reading and discussion.

### 021-022 English 12



*Prerequisite: Successful completion of English 9, English 10 and English 11*

English 12 will provide students with exposure to a wide variety of media types and genres, in order to provide them the opportunity to develop inquiry skills and media literacy. Students will focus on developing analytical skills and the application of those skills towards a multitude of media, so that they will be prepared to think critically about the written, spoken, and visual material they may encounter after graduation. Lastly, there will be several short research projects designed to explore personal and content based knowledge and interests.

## 030-031 Debate & Public Speaking



*Prerequisite: A or B in English 9 or successful completion of English 10*

Improve your skills in speaking. This optional year-long course will help students acquire self-confidence and poise while developing formal communication skills. Semester 1 consists of a debate workshop in which students engage in the Cross-Examination style of debate. Students will debate in both the affirmative and negative sides of the year's current resolution. Students will learn the value of research and how to develop effective arguments supported by reliable evidence. Semester two consists of competitive public speaking in which students create speeches to inform, impress, persuade, and entertain. These speeches must be completed for course credit to be earned. Other activities in the class may include speeches for special occasions; impromptu, extemporaneous, manuscript, memorization, drama, and oral interpretation.

## 033-034 Writer's Workshop



*Prerequisite: Seniors only with exception to Juniors with teacher recommendation.*

Writer's Workshop is designed for students who want to develop the skill set and freedom to explore their own creativity and experiment with a variety of inventive approaches to the art and craft of writing. Workshops encourage students to share, offer feedback, revise, and publish for diverse audiences. Using a wide range of literary genres (poetry, prose, fiction, drama, creative nonfiction) and multimedia sources, students will participate in a writer's community that promotes originality and self-expression.

## 043-044 AP English



A two-semester course, Advanced Placement English prepares students to earn college credit for high school work through an examination from the College Board given in the spring. The course concentrates on developing students' abilities to interpret literature and write analyses about these interpretations. A variety of critical approaches are applied to novels, plays, essays, and poetry. Advanced Placement differs from Reading and Writing for college in its accelerated pace and the sophistication of the literature read. Recommendation from the student's last English teacher is required before taking the course. **\*Students who request AP courses will be scheduled into them with NO OPTION to switch out of the course until the second semester. AP courses will include summer work and check-ins with your AP teacher.**

## 032 Mythology / 047 Writing About Film



*Prerequisite: A or B in English 9 or successful completion of English 10*

### *Mythology*

Myth is all around us – from Shakespeare to George Lucas and from Hercules to Harry Potter. This course will study some of the basic patterns and themes of stories from the ancient past to the present. There is an emphasis on Greek and Roman mythologies, but students will have the opportunity to research other mythologies and explore the connections between myths from around the world from ancient times to today.

### *Writing About Film*

This is a writing intensive course that uses classic films to drive analysis. Students will view culturally significant films and analyze them in writing. The class will present basic elements of film and techniques used by directors to tell their stories. Students will hone their writing skills by analyzing specific aspects of each film. Through this class students will become proficient writing analytical papers.

## FOREIGN LANGUAGE



## 513-514 Spanish 1

Begins to develop the ability to speak and understand Spanish with the emphasis on the Michigan Standards of Communication, Cultures, Connections, Comparisons, and Communities. From the outset, students learn to communicate in Spanish, and the focus is on communicating about daily life.

## 523-524 Spanish 2



A direct continuation of Spanish 1, this course has the same goal of meeting the standards and benchmarks of the Michigan curriculum. This course emphasizes the acquisition of language through story-listening and story-telling. Students will develop to a Novice High proficiency and will be able to converse with sympathetic native speakers about themselves and others.

## SPN101 Elementary Spanish 1

*Dual Enrollment Course through Siena Heights University offered at Blissfield High School*

*Prerequisite: HS Spanish 2 or Placement*

Beginning level language acquisition course which includes an introduction to present and past tenses and high frequency vocabulary in all four skills (listening, speaking, reading, writing) at the ACTFL Novice-Mid proficiency level. Course is designed for students with limited previous Spanish language experience.

\*At Blissfield this will be taught as the Spanish 3 course .



## SPN140 Elementary Spanish 2

*Dual Enrollment Course through Siena Heights University offered at Blissfield High School*

*Prerequisite: SPN 101 or Placement*

This course is a continuation of Spanish 101 with further development of the four skills: reading, writing, speaking, and listening. The basic grammar includes all the major tense structures and an increase of idiomatic expressions. Students continue to study the major cultural characteristics of the Spanish-speaking world. This class is primarily taught in Spanish. Primary objective: to help students begin early and meaningful communication in Spanish by acquiring necessary basic skills. Emphasizes all four language skills: reading, writing, and especially listening and speaking. Secondary objective: to provide insight into Hispanic culture and society through readings, discussions and activities.

## SPA240 Intermediate Spanish 1

*Dual Enrollment Course through Siena Heights University offered at Blissfield High School*

*Prerequisite: SPN 101 and SPN 140*

An intermediate language course which integrates the receptive and productive language skills of the student. The main objective is to build the communicative power of the learner, oral and written, and to develop an appreciation for Hispanic culture. This class is primarily taught in Spanish. A Topics-based approach to developing intercultural awareness and increasing Spanish proficiency in all four skills (listening, speaking, reading, writing) at the ACTFL Intermediate-low/Intermediate-mid proficiency levels. Significant focus on the past tenses, pronouns, and narrative structures. This is an intermediate-level course, appropriate for students who have completed 3 or more years of high school Spanish.

## SPA241 Intermediate Spanish 2

*Dual Enrollment Course through Siena Heights University offered at Blissfield High School*

*Prerequisite: SPA 240 or Placement*

This course, a continuation of SPA 240 Intermediate Spanish I, increases receptive and productive language skills and further develops a greater appreciation and knowledge of Hispanic history and culture. This class is primarily taught in Spanish with exposure to all tenses and moods. A Topics-based approach to developing intercultural awareness and increasing Spanish proficiency in all four skills (listening, speaking, reading, writing) at the ACTFL Intermediate-mid/Intermediate-high proficiency levels.

## MATHEMATICS

### 211-212 Algebra 1



This course covers the State of Michigan HSCEs for Algebra I. Topics covered include functions, linear relationships, systems of equations, quadratics, and graphing. Real-world topics are explored. Assignments are given daily.

### 221-222 Geometry



*Prerequisite: Algebra 1*

This course covers the State of Michigan HSCE's for Geometry. Topics covered include: reasoning and geometric proofs, properties of lines, triangles, quadrilaterals, circles, transformations, and the study of geometric solids. Assignments are given daily.

### 231-232 Algebra 2



*Prerequisite: Algebra 1 and Geometry*

This course covers the State of Michigan HSCEs for Algebra 2. Advanced topics in Algebra I are covered. Assignments are given daily.

### 241-242 Pre-Calculus



*Prerequisite: Algebra 2*

This course is intended for students interested in engineering, sciences, pre-medicine, and serious students who want to further their skills in mathematics. It is also a prerequisite for Calculus. The course work is demanding and assignments are given on a regular basis. Work outside the classroom is necessary for success. Topics covered include trigonometry, sequence, series, conics and limits.

### Math135/Math205 Calculus with Analytic Geometry 1 & 2



*Dual Enrollment Course through Siena Heights University offered at Blissfield High School*

*Prerequisite: Pre-Calculus*

Topics include mathematical modeling, transcendental functions, parametric equations and functions in parametric form, limits, continuity, differentiation, integration, and related applications.

## MATHEMATICS RELATED

The following courses will count as the required 4<sup>th</sup> year math course when taken by senior students.

### 721-722 Financial Management



*Open to Seniors only.*

This course will assist students in developing critical knowledge and skills necessary for sound consumer decision-making in complex socio-economic environments. When taken as a senior, financial management will satisfy the fourth year mathematics requirement. Topics to be covered in this course include: budgets, checking accounts and banking services, mortgages, credit and debt, insurance and consumer rights and responsibilities.

### 843-844 Statistics



*Prerequisite: Successful completion of Algebra 2, Available to 11<sup>th</sup> and 12<sup>th</sup> grade students.*

This course is ideal for junior and senior students who are college-bound. Students will learn the basics of statistics, how statistics are used in the real world, and why they are useful. Topics will include: collecting and categorizing data, sampling and experiments, probability, appropriately displaying data using graphs, distributions, measures of central tendency and spread, and hypothesis testing.

# MUSIC

## 401-402 Band



Membership in band is open to students in grades 9 through 12 who demonstrate the required proficiency on a band instrument as determined by the director. Through the medium of performance, students learn the fundamentals of marching band and concert band participation as well as basic music theory and appreciation. The band plays both popular and classical music and students learn what constitutes good music in both areas. Instruction is given in scales, keys, and key signatures, which is regarded as a vital part of the course. All students are encouraged to participate in the Solo and Ensemble Festival. Private study is encouraged but not required. All members are required to be present at performances. Some rehearsals are held outside of the regular school day, which may require students to make special transportation arrangements. *\*A Band Camp fee is required for this class.*

## 405-406 Choir



Membership is open to students in grades 9 through 12 with permission of the director. Through the medium of performance students in choir are exposed to both popular and classical music and are taught to recognize what constitutes good music in both areas. Basic music theory and sight singing are also studied as an important part of the course. All members are required to be present at all performances and will be given a minimum of one month's notice in order to make proper arrangements.

## 407-408 Technical Theater



Students in grades 9-12 may enroll in Technical Theatre Class. This class is designed to provide students with experience in the artistic/creative process through participation in all aspects of play and musical production. The nature of this course is to provide hands-on learning experiences through participation and project management. Students are expected to build, decorate, and maintain theatrical sets, plan and execute lighting and sound design, and participate in the acting process through costuming, makeup, and blocking. Students are expected to help usher for one of the fall play shows and one of the spring musical shows. This course meets the Michigan Curriculum criteria for the High School Fine Arts Requirement.

# PHYSICAL EDUCATION

## 653-654 Lifetime Fitness



An advanced in-depth look into lifetime physical fitness with a strong emphasis placed on cardiovascular health through the use of individual activities. The focus will be on preparing the student for a lifetime of fitness activity. Sample individual activities include: badminton, golf, handball, jogging, pickle ball, tennis and weight training.

## 658 Health



The purpose of this course is to provide students with critical health information and opportunities to build health skills that will develop life-long habits related to nutrition, physical activity, safety, drug and violence prevention, social and emotional health, and personal health and wellness.

## 669-670 Royal Fitness



An intensive fitness class geared for those students who seriously wish to push themselves in the area of strength development. Emphasis is placed on Blissfield's Bigger-Faster-Stronger total program as developed by Blissfield's Level 3 certified weight instructors. Flexibility and abdominal development will also be stressed. Incoming freshmen are eligible if they have earned their high school physical education credit and displayed competence and interest through either the before school or after school lifting

program.

## SCIENCE

### 109-110 Ag Biology



Agriculture Biology is a one year laboratory science course. Using agriculture as the learning vehicle, the course emphasizes the principles and inter-relationships among the following topics: cellular function, chemical and structural basis of life, growth and reproduction in plants and animals, evolution of modern plants and domestic livestock species, plant and animal genetics, taxonomy, animal behavior, ecological relationships among plants, animals, humans and the environment, animal nutrition, animal health and diseases, and similarities between animals and humans. The course is centered on labs and hands-on learning in order to connect the ideas of life sciences with agricultural applications and other curricular areas.

### 111-112 Animals in the Environment



*Prerequisite: C or higher in Ag Biology*

This course is designed to provide students with an intermediate understanding of the Agriculture, Food, and Natural Resource Industry. Students will have a greater understanding of the connectivity of the agricultural industry and evaluate the effects of agriculture on the world around them. Students will have the chance to further develop their knowledge base through guest speakers, field trips, various labs, and OM projects. By the end of this course, students will have a greater understanding and appreciation for the Agricultural Industry and the Environment. This course will require out of class participation and you must have received a C or higher in Ag Biology to participate in this course.

### 113-114 Advance Ag Science A



*Prerequisite: Ag Biology, Agri-Science 1 (no longer offered), Animals in the Environment (consecutively).*

Advanced Ag Science A is designed to give students a background in the decision making process and day-to-day financial management skills required to effectively operate a business. Through exploring business types, economics, marketing, and business planning management, students will be introduced to business communications, along with ethics and social responsibility. Students will begin to develop a business plan where they will learn about financing, recordkeeping, accounting, staffing, taxes and government regulations (all necessary for the protection of their business). Students then move into marketing, investigating how to persuade others to buy their products and services and learning how to manage an existing business.

### 115-116 Advance Ag Science B



*Prerequisite: Ag Biology, Agri-Science 1 (no longer offered), Animals in the Environment (consecutively).*

This program provides advanced agriculture students with instruction on leadership and communication skills with a focus on opportunities in the agriculture industries. Topics will include communication research, verbal and written communications, journalism, mass media, agricultural policy and human relations. Other topics may include problem solving, decision making and teamwork skills. An essential part of this course will be leadership activities and Supervised Agricultural Experience Programs. The appropriate use of technology and industry equipment is an integral part of this course. Upon successful completion of this course, students will have acquired entry-level skills for employment and be prepared for post-secondary education.

### 131-132 Chemistry



*Prerequisite: 11th grade status, Geometry and Ag Biology/Biology/Honors Biology*

This beginning chemistry course is designed to help students understand chemistry fundamentals and practices through textbook-oriented lectures and laboratory investigations. Topics of study include scientific measurement, quantitative and qualitative analysis, detailed atomic and molecular structure, the periodic table, chemical bonding and reactions, kinetic theory, gasses and solutions. This course is

not intended for students pursuing a four year degree after high school in a major course of study that requires college chemistry.

## 133-134 AP Chemistry

*Prerequisite: Honors Chemistry and Chemistry Teacher Permission*

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. Students will develop the ability to express ideas orally and in writing with clarity and logic. Students will participate in a variety of experiments done in the laboratory. Topics of study include the structure of matter, kinetic theory of gasses, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics. **\*Students who request AP courses will be scheduled into them with NO OPTION to switch out of the course until the second semester. AP courses will include summer work and check-ins with your AP teacher.**



## 141-142 Anatomy and Physiology

*Prerequisite: 11<sup>th</sup> Grade status and completion of Ag Biology, Biology, or Honors Biology with an A or B.*

This is an advanced class designed to build a solid cognitive base of anatomical and physiological information. The knowledge and experiences gained from the course may then be used to construct a firm foundation for any one of a number of health related careers. Students can expect to produce a notebook containing lecture notes, diagrams, and writings that pertain to anatomy and physiology, as well as projects and dissections related to the body system being studied.



## 143-144 Physics

*Prerequisite: Algebra 1*

A beginning physics course designed to help students understand the fundamentals and practices of physics. Course work includes textbook-oriented lectures and basic laboratory investigations designed to introduce students to concepts, methods, study habits, and the proper use of equipment. Some of the topics covered are mathematical relationships, motions, forces, vectors, waves, light, electricity and magnetism.



## 159-160 Biology

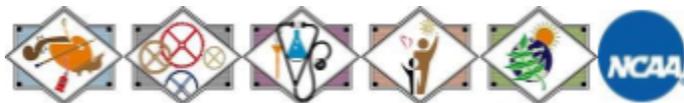
A freshman course. Particular areas of study include organization and development of living systems, interdependence of living systems and the environment, genetics and evolution and biodiversity. Students will consider social implications of scientific advancement as well as develop their own inquiry and reflection skills.



## 163-164 Honors Chemistry

*Prerequisite: 11<sup>th</sup> grade status, completion of Geometry. Concurrently enrolled in Algebra 2 or higher math*

Honors Chemistry is a one-year college-preparatory class designed to introduce students to the theoretical, experimental and problem solving nature of chemistry. Students should take this course if Chemistry will be needed in their postsecondary studies. This course takes an in-depth look at chemical principles, and is designed for those students who are highly motivated to study chemistry. The emphasis in the class is on chemical problem solving. Because of the rapid pace and greater depth in covering material, good reading and math skills are necessary for a student taking this course. Honors Chemistry must be taken to be allowed to take AP Chemistry.



## 145-146 Honors Physics

*Prerequisite: Completion of Algebra with a grade of "B" or better.*

Honors physics is intended for students who are planning for a career in science, mathematics, or a medical



field. Topics covered are the state benchmarks in physics. Course work includes textbook questions, lectures, web based labs, and hands-on labs. Students should expect to have homework on a regular basis.

## 147-148 AP Physics 1



*Prerequisite: Completion of Geometry and Honors Physics and Physics Teacher Permission*

AP Physics 1 is the first class in a two year cycle of college physics. It is an algebra based class that is geared towards the student who wants to experience college physics in the high school setting. Students pursuing careers in physics, mathematics, engineering, or the medical fields are strongly encouraged to take this course. Students will have the ability to sign up to take the AP Physics 1 exam at the end of the year for the possibility of obtaining college physics credit. A requirement of the class is the taking of the AP Physics 1 exam. Topics covered include Kinematics, Newton's Laws, Gravitation, Circular Motion, Work, Energy, Power, Momentum, Torque, Rotational Motion, SHM, Waves, Sound, Electrostatics, and Circuits.

## 149-150 AP Physics 2



*Prerequisite: Completion of AP Physics 1 and Physics Teacher Permission*

AP Physics 2 is the second class in a two year cycle of college physics. It is an algebra based class that is geared towards the student who wants to experience college physics in the high school setting. Students pursuing careers in physics, mathematics, engineering, or the medical fields are strongly encouraged to take this course. Students will have the ability to sign up to take the AP Physics 2 exam at the end of the year for the possibility of obtaining college physics credit. A requirement of the class is the taking of the AP Physics 2 exam.

## SOCIAL SCIENCE

### 331-332 United States History



This course is a comprehensive survey of the United States. It begins with a brief review of the Civil War followed with a much more in-depth study of the New Industrial Age, working towards our present day with emphasis on our recent history of the 1980's and 90's. The student will devote much of his/her time to the Gilded Age as we discover most of our problems today appear to have their beginning in the Post-Reconstruction period. The student is constantly asked to relate past happenings to current developments. This course includes semester Independent Research Projects and semester finals.

### 307-308 World History



A required course for 10th grade students. This class will also include connections to important people and dates with historical importance. This class will also examine historical timelines, persons, events, and geography through a global perspective including how these have significance today.

### 340-341 Government/Economics



#### *Economics*

This one semester, upper level course is designed to demonstrate and describe how the economic forces of scarcity and choice affect personal finance management. Students will learn how businesses deal with scarcity and how our government makes its economic decisions. The American free market system will be explained along with others. Supply and demand will be demonstrated. This one semester course is required of all juniors unless special arrangements have been made to postpone until the senior year.

#### *Government*

A study is made of the organization and operation of national, state, and local governments. Special emphasis is placed on the rights, responsibilities, and duties of the adult citizen in our society. A

service-learning project is also required. This one semester course is required of all juniors unless special arrangements have been made to postpone until the senior year.

## 345 Psychology

*Prerequisite: Open to grades 10-12*

Psychology is a challenging and fascinating study of human behavior. This course focuses on how we act in our daily lives. Emphasis is placed on emotions, learning, mental status, and social relationships. The student will receive assistance in understanding the various influences that impact one's life.



## 309-310 AP US History

*Prerequisite: Completion of U.S. History and History Teacher Permission*

Study the cultural, economic, political, and social developments that have shaped the United States from c. 1491 to the present. You'll analyze texts, visual sources, and other historical evidence and write essays expressing historical arguments. **\*Students who request AP courses will be scheduled into them with NO OPTION to switch out of the course until the second semester. AP courses will include summer work and check-ins with your AP teacher.**



## SPECIAL AREAS

These courses are limited in size and restrictive in structure. Students are limited to one per semester. Special approval and special application are needed for enrollment and most are open to seniors only. Application forms are available in the Counseling and Career Center at the time of scheduling.

### 103-104 Senior Seminar

Preparing for university enrollment can be a daunting task for many seniors. The goal of Senior Seminar is to provide seniors with the time, skills, and guidance needed to successfully apply to and be accepted into the universities that best meet their post-secondary goals. Additionally, students will have opportunities to interact with university recruiters during class in order to learn about a wide range of scholastic opportunities. Throughout the year we will transition from searches and admissions to a focus on scholarship opportunities to help fund future college plans.

### 001-002 Independent Study (by application only)

*Open to 11th and 12th grade students only.*

This program of study is designed for students of high academic achievement (3.5 GPA or better) interested in pursuing learning on their own with guidance. It is open to juniors and seniors. Interested students should contact the principal immediately for further information. By signing the Independent Study contract, the student accepts full responsibility for the completion of his/her project and his/her activity during the program. Because of the unusual amount of time associated with independent study, students who apply must be capable of extensive self-discipline. This means that the independent study student must be one who can study a problem and reach possible solutions.

Working with a guiding instructor, the student will undertake a special project, which he/she has selected with assistance from the teacher. The project will clarify, add to, or enrich subject matter in which the student has an interest. The student will need to question the information found, rearrange the data, seek further answers, and surpass prior accomplishments.

## Dual Enrollment

BHS also offers dual enrollment opportunities to all BHS Students, but typically it fits best with junior's and/or senior's schedules. We have two courses on-site in which students can earn college credits. These include Calculus I and II, as well as Spanish I and II. These college level courses are taught right here at BHS with our own teachers. Students can earn Adrian College credits as well as high school credit. There are also dual enrollment courses students can take online or off-site through Jackson College, Adrian College and

Siena Heights University. Dual enrollment courses at other colleges are a possibility. If you are interested in dual enrollment, please attend the spring dual enrollment meeting (TBA) at BHS to see if you qualify and to get information on dual enrollment and how to register for college courses for the fall semester. To dual enroll again for the winter semester, you will need to attend the fall dual enrollment meeting as well to make sure you still qualify for the winter semester. Dual enrollment courses are paid for by the school if the student passes the course. Students are responsible for course fees only if they fail the class. The cost of books is not covered by the school.

## Work-Based Learning Opportunities (by application only)

### Custom Class

This is a unique program offered through the Vo-Tech Center. What makes the program most unique is its location. Students enrolling in this program will go to area businesses for their training rather than the Vo-Tech Center. While at these sites, students will learn the most up-to-date skills necessary to be successful in their selected career area. The careers students pursue are those not offered through traditional vo-tech offerings. Opportunities offered in the past include HVAC (heating, ventilation and air conditioning), interior design, small engine repair, veterinary assisting, as well as others.

### Co-op

Students are able to use what they learned in their Vo-Tech classroom in a real work situation for at least 15 hours per week. At least once every other week students return to their related class at Vo-Tech. Through Co-op, students can get a head start on a career and master workplace skills that employers say they want. Co-op placements are paid educational experiences.

### Work Experience

Through the work experience program, students are able to explore careers of interest through actual employment. Placement into work experience must match a student's career interest as identified on the EDP. Work Experience is coordinated through the Vo-Tech Center.

## Personal Curriculum

All parents and guardians have the right to modify the Michigan Merit Curriculum by requesting a Personal Curriculum. Below is information explaining the Personal Curriculum Alternative. Upon reading this information, parents or guardians who are interested in pursuing a Personal Curriculum should contact Mark Willson at 517.486.2148 ext. 309.

### Personal Curriculum Alternative

Generally, to earn a high school diploma, a student must satisfy the requirements of Michigan's Merit Curriculum. The District may modify those requirements, however, by developing a personal curriculum for a student. All students are entitled to a personal curriculum. A parent or guardian of a student who has completed 9<sup>th</sup> grade (or the student if at least 18 years old or emancipated), or a student's teacher or counselor, may request a personal curriculum by contacting the High School Principal or Student Services Director.

A group that includes the student; the student's parent or guardian; and a teacher, guidance counselor, or person acting in a counseling role, will consider the request. If the personal curriculum request is made by a student who is at least 18 or who is emancipated, or by a parent or guardian, the group will grant the request and will develop a personal curriculum for the student. For all other requests, the group will develop a personal curriculum if the group determines one is appropriate. For most students, the group that develops the personal curriculum may make only certain modifications to the Merit Curriculum.

For students with disabilities under the Individuals with Disabilities Education Act and for certain students transferring to the District from a nonpublic school or from out of state, the group may make additional modifications. For all students, a personal curriculum must incorporate as much of the Michigan Merit Curriculum content expectations as is practicable for the student, must include measurable goals for the student to achieve while in high school, must include a method to evaluate whether the student met those goals, and must align with the student's educational development plan.

Before a personal curriculum becomes effective, the High School Principal and the student's parent or guardian (or the student if at least 18 or emancipated) must agree to its terms. Once effective, the student's parent or guardian (or the student if at least 18 or emancipated) must communicate with each of the student's teachers to monitor the student's progress on the personal curriculum goals. A student who successfully satisfies his or her personal curriculum may earn a high school diploma even if the student does not otherwise satisfy all of the Michigan Merit Curriculum requirements.

For more information on personal curricula, including what may and may not be modified, please visit the Michigan Department of Education's Personal Curriculum page at:

[http://www.michigan.gov/mde/0,1607,7-140-6530\\_30334\\_49879---00.html](http://www.michigan.gov/mde/0,1607,7-140-6530_30334_49879---00.html)

## LISD Tech-Center Courses

The following classes will be offered through the LISD Tech Center in Adrian to students with junior or senior status. Morning classes meet from 8:42 to 11:15 a.m. Afternoon classes meet from 11:45 until 2:20 p.m. All classes meet five days a week. Bus transportation will be provided from Blissfield High School to Lenawee Vocational Center. Students will be required to ride the bus. Bus transportation will not be provided for co-op or work experience students. Students should consult with their counselor about Vo-Tech flexible programs. Co-op and work experience opportunities are open to seniors only. Work experience students must be enrolled in four classes for credit at Blissfield High School.

Online Applications for classes at the LISD Tech Center may be completed and submitted in the Counseling and Career Center.

BHS Credit is awarded based on completing 2 semesters (unless otherwise stated). Any Tech Center Courses taken for 1 full year may also be substituted for the 2<sup>nd</sup> year World Language requirement. Tech Center Credit toward meeting specific Michigan Merit Curriculum course requirements is only awarded when a student is unable to take the required course(s) at BHS or chooses to substitute the Tech Center Course to meet MMC graduation requirements. For example, a Senior who is enrolled at the Tech Center is unable to take a 4<sup>th</sup> year math class at BHS, could meet the 4<sup>th</sup> year math requirement through a Tech Center course which has been determined to include appropriate content as noted in the above course descriptions.

**MMC = Michigan Merit Curriculum**

### Agri-Tech

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language, Visual/Performing Arts)*

The Agri-Tech program offers hands-on curriculum with a science-based foundation. The program is designed for students to develop skills and explore opportunities within the agriculture industry.

Students will acquire basic skills and knowledge working inside the CSF classroom and lab and outside in the barn and fields on the CSF campus. The class studies modern soil, crop, plant, animal and veterinary sciences. Students learn to raise livestock and operate farm machinery. They will also acquire a better understanding of the advantages and disadvantages of sustainable agriculture practices. Participation in FFA leadership training is an essential part of the program.

### Automotive Collision & Repair (1 or 2 year program)

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

First year students will learn the basics of restoring damaged auto bodies and frames to their original condition, do plastic bumper repair and weld broken or torn metal. Second year students learn how to mix and apply primer, paint in an industry-standard spray booth and how to estimate the cost of repairs.

### **Automotive Services Technology (1 or 2 year program)**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

Students work in teams in a shop setting to learn to diagnose and repair automotive steering and suspension systems, brake and electrical systems and engine performance problems. Students take part in SkillsUSA leadership events and second-year students become team leaders. Students can earn several Automotive Service Excellence (ASE) Certifications as part of the coursework.

### **Biochemical Technology**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

This program exposes students to a variety of diverse skills related to working with chemicals, extracting DNA and producing biofuels. Students take numerous field trips or have guest speakers invited to the class that is helpful in exploring careers in the pharmaceutical, forensics, product manufacturing, research and development fields.

### **Building Trades/Construction Careers**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

Students start by learning basic safety procedures and earning their 10-hour OSHA certificate. They learn to use hand and power tools safely and learn the basics of building structures – foundations, framing, flooring, roofing and siding – and the systems inside them. Students also learn valuable industry knowledge such as estimating, design, building permits and job interviewing skills. All students in the class will work on improving academic skills through online KeyTrain curriculum.

### **Certified Nurse Aide (CNA)**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

The first two trimesters of this program focus on providing nursing and nursing-related services to residents in nursing homes, adult foster care, assisted living facilities, etc. The third trimester focuses on home health care curriculum. Ethics and responsibilities of the health care provider are covered during the course. Students will have the opportunity to participate in Health Occupations Students of America (HOSA) conferences and competitions, a student organization for future healthcare professionals.

### **Computer Information Services**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

Students in the CIS program learn in the classroom, virtually (online) and in group settings to diagnose and repair computers, set-up computer networks and prepare for various computer technician certifications. Special emphasis is also put on the latest cyber-security protocols and the prevention of computer hacking. The class participates in several student organization leadership events, including Business Professionals of America (BPA) and SkillsUSA.

### **Computer Programming**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

This program serves as an introduction to computer programming. Students will have the opportunity to learn software, mobile, game and/or web development in this class. The program will introduce students to various programming including Python, C++, C#, Java, Visual Basic.NET, PHP and JavaScript with students able to learn as many computer languages as their interest dictates.

### **Culinary Arts**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2nd World Language & Visual/Performing Arts)*

Students learn to manage real-world kitchen challenges in a classroom that doubles as a commercial

kitchen and is fully equipped with institutional cooking equipment. Cooking, baking, management, safety and sanitation practices are the focus of the class. Students will learn to create recipes, prepare meals from scratch, perform basic daily kitchen operations including cost controls, inventory and ordering. Students are involved in planning and coordinating several events throughout the year and cater meals at the TECH Center. The class helps develop leadership skills through these events as well as participation in several competitions.

## Dental Assisting

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Learn dental terminology, oral anatomy and physiology, dental radiography, assist in dental procedures and how to use and sterilize dental equipment. The program is a combination of bookwork, academic topics and hands-on laboratory skills. The program also gives students basic CPR and first aid training and certifications. There are cooperative learning and teamwork activities in the classroom, which includes the latest in dental office equipment.

## Education Careers

*(MMC Credit Options: ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students learn about child development and how children learn from birth through adulthood. Teaching strategies, lesson plans, creating learning-friendly classroom environments, lesson presentations, group activities, etc., are included in the curriculum. At the end of the year, students may have the opportunity to experience on-the-job training or observation.

## Emergency Medical Technician (EMT)

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students will learn to work as members of pre-hospital emergency medical care teams administering emergency care to sick and injured while transporting them to the appropriate facility. Basic anatomy and physiology terminology is part of the curriculum as well as practical, hands-on demonstrations. Students in this program have been highly successful at Health Occupations Students of American (HOSA) competitions, frequently qualifying for state and national competitions.

## Engineering, Design & CAD

*(MMC Credit Options: ½ ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students who successfully complete this class learn to think like an engineer, design creatively and create a blueprint using CAD software on state-of-the-industry computer. Students also learn to use advanced engineering and architectural software packages such as AutoCAD, Inventor, NX and CATIA.

## Engineering, Robotics & Emerging Technologies

*(MMC Credit Options: 1 credit 4<sup>th</sup> Year Math, 1 credit 3<sup>rd</sup> Science)*

Using engineering principles and methods and manufacturing techniques, students will build simple machines, learn about different robotic applications and build a competitive robot. They will build on prior experience and will apply alternative energy principles to investigate and solve problems.

## Graphic Imaging Technology

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This program focuses on various publishing and electronic presentation methods, digital photography, computer graphic illustration, creative art and drawing, printing methods and processes, animation for web pages, file management techniques, etc. Students will be introduced to current software used in the industry such as Adobe Illustrator, InDesign, Photoshop and Keynote as well as electronic file management.

## Health Care Careers

*(MMC Credit Options: ½ ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students will learn CPR and first aid, how to measure blood pressure, take vital signs and medical terminology. In the third trimester, students have the opportunity to participate in clinical experiences at hospitals and health care facilities. Health Occupations Students of American (HOSA) leadership events are part of this program.

## Horticulture

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

The Horticulture class is held at the LISD Center for a Sustainable Future, where plants, flowers and small fruits and vegetable production are grown in a state-of-the-art greenhouse for the Center's "living roof". In this course, students learn landscape, conservation of natural resources, forestry and how to use design software programs. Students will learn greenhouse management and operate a nursery. FFA leadership training is an essential part of the curriculum.

## Machining & Computer Aided Manufacturing (CAM)

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This program teaches students how to work in today's advanced manufacturing facilities, to operate manual machine tools and to operate/program Computer Numerical Control (CNC) machines such as the machining center, turning center and surface grinder. Students will learn machine shop safety, industrial blueprint reading, related math, precision measurement and Computer Aided Manufacturing (CAM). Some basic welding and fabrication is included in the curriculum.

## Marketing & Entrepreneurship

*(MMC Credit Options: ½ ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students in this program will learn to recognize economic and market trends, develop entrepreneurial, management and leadership skills, utilize various sales promotional techniques, create positive relationships with customers and develop business plans. The school store, "The spot", provides the opportunity to practice marketing strategies and track financial information. Students in this program frequently qualify for state and national DECA leadership events.

## Nursing Preparation

*(MMC Credit Options: ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This program for senior students teaches introductory nursing skills such as direct patient care, monitoring patient progress, drug dosage calculations, in depth anatomy and physiology and hospital operations. Classes and labs are held at ProMedica Bixby Hospital as well as the LISD TECH Center. Students who complete the necessary classroom and clinical hours may take the state CNA certification test. Students who take this program have the option to dual-enroll in Jackson College or Eastern Michigan University classes. Students who have college credits on their application often have a competitive advantage over other candidates for college admission and job placements.

## Residential Construction (2<sup>nd</sup> year program)

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students learn at the work site to complete all aspects of construction. In this second year course, students work in teams on various projects including demolition, framing, foundation support, drywall installation, flooring, electrical, plumbing, installation of doors and cabinets, HVACR and more

## Natural Resources

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This program is designed for students to develop skills and explore opportunities within the fields of sustainable agriculture and environmental science. Students will acquire a better understanding of

sustainable practices in various agricultural applications. The class will plant and maintain gardens, perform environmental surveys and experiments with solutions to agricultural and environmental problems. Students will learn high tech lab skills and have the opportunity to compete at the Lenawee County Fair. Student leadership is developed through teamwork and participation in FFA activities, including awards and competitions.

## **Video & Audio Production**

*(MMC Credit Options: ½ ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

Students in this class will learn to create video and audio projects, operate digital video and audio equipment and help to create videos for broadcast on LISD TV, the LISD's cable station. Students work independently and in teams to learn the process of creating video and audio projects from concept to final production. Students have the opportunity to produce a video for Courageous Persuaders, a national competition. All students are eligible to participate in SkillsUSA leadership events.

## **Welding Technology (1 or 2 year program)**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This class provides students with an opportunity to explore a wide variety of welding processes, as well as the knowledge, skills, safety and professional behaviors necessary for competent performance as a welder or welding technician. Students in this program will learn the basic science about metal and the many different ways to weld, cut, solder or braze metals together, including: shielded metal arc, gas metal arc, gas tungsten arc welding; thermal cutting and weld inspection. Safety and welding code and procedures for a variety of industrial applications will be emphasized.

## **Graphic Design**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This program focuses on various publishing and electronic presentation methods, digital photography, computer graphic illustration, creative art and drawing, printing methods and processes, animation for web pages, file management techniques, etc. Students will be introduced to current software used in the industry such as Adobe Illustrator, In Design, Photoshop, and Keynote as well as electronic file management.

## **Exercise Science & Sports Medicine**

*(MMC Credit Options: ½ ELA, 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

The newest program at the LISD TECH Center introduces students to concepts within the fields of exercise science, health sciences, physical education, and sports medicine. The focus of the program is on the basic concepts of biomechanics, motor learning, exercise physiology, nutrition, and psychological theories, as well as career paths within these associated fields.

## **Accounting**

*(MMC Credit Options: 4<sup>th</sup> Year Math, 3<sup>rd</sup> Science, 2<sup>nd</sup> World Language & Visual/Performing Arts)*

This Accounting program is designed for new business students, small-business owners, and those interested in double-entry accounting systems. Work includes development of basic procedures of acceptable accounting practices. Discussion and demonstration will focus on analyzing, classifying, recording, summarizing, and reporting business transactions. This program blends independent work and classroom demonstrations with online exercises; preparing students for entry-level positions or for college-level financial coursework. While learning double-entry accounting principles, students will realize the important role accounting plays with business decisions. Future career options and opportunities in the field of accounting are abundant.

# **Michigan's Career Pathways**

<p><b>Arts &amp; Communication</b>  Careers in arts and communications relate to the humanities and to the performing, visual, literary, and media arts. These careers interest people who enjoy being creative.</p>	
<p><b>Business, Management, Marketing &amp; Technology</b>  Careers in business, management, marketing, and technology relate to all aspects of business including accounting, business administration, finance, information processing, and marketing.</p>	
<p><b>Engineering/Manufacturing &amp; Industrial Technology</b>  Careers related to technologies necessary to design, develop, install, or maintain physical systems. Understanding and working with tools, equipment, and other kinds of machinery is important to people who have careers in this pathway.</p>	
<p><b>Health Sciences</b>  Careers in health sciences are for people who are interested in promoting good health, treating injuries, health conditions, or controlling diseases.</p>	
<p><b>Human Services</b>  Careers in human services focus on helping people learn how to protect themselves and others, solve problems, and attend to their personal and consumer needs, rights, and responsibilities.</p>	
<p><b>Natural Resources</b>  Careers in natural resources and agri-science are for people who are interested in the environment, how things grow and develop, and in the outdoors.</p>	

## SAMPLE CAREER OPTIONS

### Arts & Communication

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
<p>Actor / Actress  Cartoonist  Desktop Publisher  Disk Jockey  Floral Designer  Fashion Model  Hair Stylist  Musician / Composer  Sign Painter</p>	<p>Advertising Agent  Artist  Camera Operator  Commercial Artist / Graphic Design  Digital Assembler  Fashion Designer  Industrial / Architectural Drafter  Jeweler  Photographer  Stage Technician</p> 	<p>Actor / Actress  Advertising Designer  Author  Commercial Artist  Editor  Journalist  Language Interpreter  Musical Therapist  Scientific Illustrator  TV Production Director</p>

## Business, Management, Marketing & Technology

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
Bank Teller Bookkeeper Data Entry Clerk Food Service Worker Hotel Clerk Insurance Agent Retail Salesperson Clerical Staff	Administrative Assistant Bookkeeper / Auditing Clerk Building Manager Court Reporter Estimator Financial Manager General Bookkeeper Hotel Manager Travel Agent	Accountant Actuary Administrative Secretary Budget Analyst Loan Officer Marketing / Public Relations Director Real Estate Manager

## Engineering / Manufacturing & Industrial Technology

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
Auto Body Technician Carpenter Climate Control Mechanic Custodian Drafter Machine Tool Setter Security Systems Installer	Auto Repair Technician Building Construction Technician Chemical Technician Computer Aided Designer Heating / Air Conditioner Worker Industrial Electronics Technician Pipe Fitter	Architect Automotive Engineer Chemical Engineer Computer Analyst Computer Programmer Mechanical Engineer Surveyor

## Health Services

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
Admitting Clerk Clinical Assistant Dental Assistant Dietary Aide Home Health Aide Medical Office Clerk Orderly	Dental Lab Technician Emergency Medical Technician Industrial Hygienist Licensed Practical Nurse Medical Technician Occupational Therapy Assistant	Chemist Chiropractor Dentist / Physician Nuclear Medical Technician Pharmacist Physical Therapist Veterinarian

## Human Services

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
Chef / Cook Beauty Consultant Child Care Provider Corrections Officer Fire Fighter Fitness Consultant Flight Attendant Food Service Worker Mental Health Aide	 Civil Service Worker Coach Cosmetologist / Manager Crime Laboratory Technician Culinary Arts / Chef Hospitality Worker Legal Assistant Police Officer Security Administrator	Anthropologist Criminologist Lawyer Librarian Psychologist Social Worker Sociologist Teacher Clergy

## Natural Resources & AgriScience

On-the-Job Training High School Diploma	Associate Degree	Bachelor's Degree
Animal Caretaker Farm Worker Florist Fruit and Vegetable Farmer Landscaper Pest Controller Recreation Worker Retail Floral Salesperson Veterinary Assistant	 Farm Manager Fish and Game Warden Florist Forestry Technician Golf Course Manager Horticulturist Landscape Design Assistant Nursery Worker Retail Floral Salesperson	Agricultural Engineer Botanist Conservation Officer Ecologist Farm Manager Geologist Landscape Architect Naturalist Park Ranger

## CAREER CLUSTER

Within a career cluster area, courses are suggested to assist students with elective selections.

	9th Grade	10th Grade	11th Grade	12th Grade
<b>CORE CURRICULUM</b> **2 credits in a World Language is required	English 9 Biology U.S. History Algebra 1 Lifetime Fitness	English 10 World History Geometry Art or Music Physics or Chemistry	English 11 Chemistry or Physics Government Economics Algebra 2	English 12 Mathematics

**ARTS & COMMUNICATION**



Foreign Language  
Painting  
Ceramics  
Choir or Band  
Musical Theater

Foreign Language  
Choir or Band  
Musical Theater  
Writing about Film  
Mythology  
Debate & Public Speaking

Choir or Band  
Musical Theater  
Publications

Psychology Choir or Band  
Musical Theater  
AP English  
Publications

LISD TECH Center  
*Graphic Imaging  
Video & Audio*

LISD TECH Center  
*Graphic Imaging Video  
& Audio*

**BUSINESS MANAGEMENT, MARKETING & TECHNOLOGY**



Foreign Language  
Painting  
Ceramics

Foreign Language  
Writer's Workshop

Public Speaking  
Accounting  
You & the Law  
Publications  
Statistics

Psychology  
Publications  
Statistics

LISD TECH Center  
*Computer Information  
Services  
Computer Programming  
Culinary Arts  
Marketing &  
Entrepreneurship*

LISD TECH Center  
*Computer Information  
Services  
Computer Programming  
Culinary Arts Marketing  
&  
Entrepreneurship*

**HUMAN SERVICES**



Foreign Language  
Painting  
Ceramics

Foreign Language  
Public Speaking  
Writing about Film  
Lifetime Fitness  
Royal Fitness

Psychology You & the Law  
Publications  
Statistics

AP English  
Publications  
Statistics

LISD TECH Center  
*Education Careers*

LISD TECH Center  
*Education Careers*

	9th Grade	10th Grade	11th Grade	12th Grade
<b>CORE CURRICULUM</b> **2 credits in a World Language is required	English 9 Biology U.S. History Algebra 1 Lifetime Fitness	English 10 World History Geometry Art or Music Physics or Chemistry	English 11 Chemistry or Physics Government Economics Algebra 2	English 12 Mathematics

**NATURAL RESOURCES & AGRI-SCIENCE**



Foreign Language  
Painting  
Ceramics

Foreign Language  
Public Speaking

Psychology  
You & the Law  
Royal Fitness  
Zoology  
Statistics

Anatomy  
Physics  
AP Chemistry  
AP English  
Statistics

LISD TECH Center  
Agri-Tech  
Biochemical  
Technology  
Horticulture  
Natural Resources

LISD TECH Center  
Agri-Tech  
Biochemical  
Technology  
Horticulture  
Natural Resources

**HEALTH SCIENCES**



Foreign Language  
Painting  
Ceramics  
Lifetime Fitness

Foreign Language  
Public Speaking  
Lifetime Fitness  
Royal Fitness

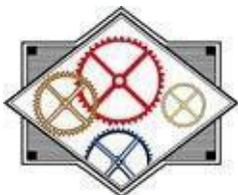
Psychology  
Accounting  
Current Events  
Anatomy Royal  
Fitness  
Vertebrate Zoology  
Statistics

AP English  
Anatomy  
AP Chemistry  
Physics  
AP Physics 1 / 2  
Royal Fitness  
Statistics

LISD TECH Center  
Dental Aide  
Health Care Careers  
E.M.T..  
CNA / Home Health

LISD TECH Center  
Dental Aide  
Health Care Careers  
E.M.T..  
CNA / Home Health  
Nursing Prep

**ENGINEERING, MANUFACTURING & INDUSTRIAL TECHNOLOGY**



Foreign Language  
Painting  
Ceramics

Foreign Language  
Public Speaking

Physics  
Statistics

AP English  
Mythology  
Calculus  
AP Physics 1 / 2  
Statistics

LISD TECH Center  
Collision Repair  
Auto Services Tech.  
Building Trades  
Engineering Design CAD  
Robotics / Emerging  
Tech.  
Machining and CAM  
Welding Technology

LISD TECH Center  
Collision Repair  
Auto Services Tech.  
Building Trades  
Engineering Design/CAD  
Robotics / Emerging  
Tech.  
Machining and CAM  
Welding Technology  
Residential Construction

# 4-Year Graduation Plan

Students are encouraged to map out a plan to earn all required credits within a traditional 4-year timeframe. Standard courses have already been inserted for students attending Blissfield High School.

## Freshman Schedule

English 9
Algebra 1 <u>or</u> Geometry
Ag-Biology <u>or</u> Honors Biology
US History
Elective
Elective
VIP

## Sophomore Schedule

English 10
Geometry <u>or</u> Algebra 2
Physics
World History <u>or</u> AP World History
Elective
Elective
VIP

## Junior Schedule

English 11
Algebra 2 <u>or</u> Pre-Calc <u>or</u> Statistics
3rd year Science:
Government/Economics
Elective
Elective
VIP

## Senior Schedule

4th year English:
4th year Math:
Elective
Elective
Elective
Elective
VIP

Other requirements for graduation are listed on page three and must be completed by the end of 12th grade.

## Educational Development Plan (EDP)

Blissfield High School uses Xello as a tool to help students identify career goals, list the interests and skills needed to meet those goals, and document the experiences, education and accomplishments. Xello is a web-based application available to the students anywhere they can use the internet.

Maintaining a current EDP is necessary to facilitate career planning and course selection. Students have class time in the English classes each year to update EDP information. The counseling office utilizes the information in the EDP to communicate opportunities with individual students, so it is very important to have accurate careers of interest and schools of interest.

Username and passwords are available from the CCC.

# Timelines

Students should work closely with their parents, teachers, and counselor to follow the suggestions outlined below. For additional help, students and parents are encouraged to contact the counselor.

## Grade 9

- Select classes that will both challenge you and meet your graduation requirements, career interests, and college entrance requirements.
- Get involved: athletics, the arts, publications, student government, etc. Play to your strengths or try something new.
- Work to your academic potential. Remember, your semester grades and attendance become a part of your permanent record.
- Take the PSAT test (Spring) - It helps identify early college readiness.
- Meet your high school guidance counselor and discuss your plans for the next four years.
- Update your EDP (completed in the English classes).
- Check out what high school courses colleges require.
- Become familiar with the NCAA core course requirements if you want to play sports in college.
- Become involved in meaningful community service.
- Keep a record of your academic achievements, extra-curricular activities and community service.
- Take the NWEA test

## Grade 10

- Keep working hard to earn the best grades you can. Enroll in challenging courses.
- Take the PSAT test. It helps identify early college readiness. With qualifying PSAT scores, you are eligible to dual-enroll as a junior or participate in the "College Now" Program.
- Attend the Sophomore visitation at the LISD Tech Center and consider a class for next year.
- Update your EDP to familiarize yourself with a career pathway and begin considering important school characteristics.
- Keep a record of your academic achievements, extra-curricular activities and community service.
- Athletes should continue to focus on the NCAA academic eligibility requirements and take classes to meet them.
- Consider signing up in the spring to take the PSAT/NMSQT (National Merit Scholar Qualifying Test) in the fall of your junior year.
- Take the NWEA test

# Grade 11

## Fall

- Take the PSAT/NMSQT test. With qualifying scores you may dual enroll as a senior. In addition, the PSAT/NMSQT is the National Merit Scholarship Qualifying Test.
- Review your EDP and discuss your credit status with your counselor.
- Explore potential careers by utilizing Career Cruising and job shadowing opportunities.
- Begin planning for after high school by visiting the CCC and learning what is available for you there.
- Attend college night and visit with the college admission reps who visit the CCC during VIP.
- Athletes should focus on the NCAA academic eligibility requirements and continue taking classes to meet them.

## Winter

- Use the "College Board" ([collegeboard.com](http://collegeboard.com)) website to begin researching colleges and discovering which ones have the programs and characteristics that you want.
- Research admission requirements for colleges of interest.
- Visit local colleges to help develop a list of characteristics you want to find in a college.
- Prepare to take the Michigan Merit Exam (MME) in the Spring.
- Parents invited to attend a Transition Meeting (date and time to be announced).

## Spring

- Take the Michigan Merit Exam (MME) in late March or early April. This includes the SAT, WorkKeys, and Michigan developed tests.
- Narrow down your college list by continuing to research and visit colleges.
- Consider summer opportunities to further your studies or explore schools.
- Prepare to send applications to highly selective schools by early fall.
- Complete admission/scholarship essays, resume, and consider asking teachers for letters of recommendations.
- Sign up for a transitional meeting with the counselor

# Grade 12

## Fall

- Complete and submit applications for colleges with rolling admissions as soon as possible. Watch for Early Action/Decision deadlines.
- Ask teachers to write letters of recommendation.
- Begin applying for scholarships.
- Attend college night and visit with the college admission representatives who visit the CCC during VIP.
- Visit schools that look promising to you.
- If needed, retake the SAT or take the ACT exam. (December is the last test date to qualify for some State of Michigan scholarships).
- Set up your Parchment/Docufile account in order to request electronic transcripts online.
- Register with the NCAA Clearinghouse if you plan to participate in college athletics. Make sure you meet their eligibility requirements.
- Check the scholarship file in the CCC and other sources and begin applying for scholarships.
- Consider filling out the CSS profile for potential non-federal student aid.
- Sign up for the Senior Scholarship Email Notification Group in the CCC.
- Attend the LCEF Scholarship Workshop at BHS (date and time to be announced).
- Attend the financial aid workshop at BHS in October.

## Winter

- File your FAFSA as soon as possible after January 1. Pay careful attention to the financial aid deadline and requirements of each college.
- Continue to apply for scholarships (LCEF and Local Scholarships).

## Spring

- If necessary, review your financial aid packages with your counselor.
- Visit or "revisit" schools to decide which to attend. *May 1: You must send a deposit to the college of your choice by this deadline. Do not send more than one deposit.*
- Share your enrollment intentions with your counselor.
- Notify colleges you do not plan to attend so that they can begin to admit students from their wait lists.
- Beware the senior slide! Colleges will receive your final transcripts. A drop in grades may cause them to reevaluate their offer.

# Valuable Websites for Careers, Education & Financial Aid

## General Information

[www.blissfieldschools.us](http://www.blissfieldschools.us): Blissfield Community Schools home page. Click on High School then Career and Counseling Center to find information for college, financial aid, scholarships, college assessments and tests, careers and resumes.

## Career Exploration

Xello.World: This site contains information and search utilities for career and educational planning. Each student has a personal Educational Development Plan contained at this site. Interest, skill and ability inventories are available to help students identify likely career options. School search is available for matching schools to the careers you are interested in. For login information, see the CCC.

## Colleges and Universities

[http://collegesearch.collegeboard.com/search/adv\\_typeofschool.jsp](http://collegesearch.collegeboard.com/search/adv_typeofschool.jsp)

College Board's college matchmaker. You can search by type of school, location, majors, cost, admission requirements, sports and activities, etc. A great resource for building your school possibilities.

<http://www.princetonreview.com> The Princeton Review has a "Counselor-O-Matic" to help you find the right college fit for you. Create a free profile in order to see which schools match the characteristics that are important to you.

[www.collegeview.com](http://www.collegeview.com) This site contains a college search, career information, and financial aid possibilities.

[www.petersons.com](http://www.petersons.com) Peterson's Guide to postsecondary opportunities throughout the country.

## Financial Aid & Scholarship Information

[www.fafsa.ed.gov](http://www.fafsa.ed.gov) Official site of the Free Application for Federal Student Aid (FAFSA). This site contains frequently asked questions and a guide to completing the form. The document can be downloaded and filed electronically.

<http://www.lenaweecef.org/what-we-do/scholarships>

Lenawee County Education Foundation (LCEF) scholarship information and online application.

[www.finaid.org](http://www.finaid.org). A comprehensive source of student financial aid information.

[www.msfaa.org](http://www.msfaa.org) or [www.nasfaa.org](http://www.nasfaa.org) Michigan Student Financial Aid Association and National Association of Student Aid Administrators

[www.michigan.gov/mistudentaid](http://www.michigan.gov/mistudentaid) The State of Michigan portal for student financial aid information.

# Virtual Course Options

## Credit Recovery On-Line Classes and BVA (Blissfield Virtual Classes)

Credit recovery is a privilege that is set up to give students who have failed a required academic class an opportunity to make that credit up.

### Credit Recovery at Blissfield High School

In order for a student to have the privilege of taking and successfully completing an on-line credit recovery class the following expectations must be honored:

1. The student must sign up for the google classroom created by the lead instructor in the media center exclusively for students taking an on-line credit recovery class. This will give the lead instructor the ability to log on and view what the student has been doing in regards to their course work.
2. Seniors will have the first option of taking an on-line credit recovery class. Each eligible senior will only be allowed to take a maximum of two credit recovery classes per semester or during summer school. Additional credit recovery classes will need to be taken in the summer or the following year. Underclassmen will also be allowed to sign up for credit recovery with the same expectations in the following order: 11<sup>th</sup> grade, 10<sup>th</sup> grade, 9<sup>th</sup> grade.
3. All credit recovery classes will not have a pre-test. Students will be expected to take the entire credit recovery class and will need to spend at least 3 hours per week logged on *and working on their credit recovery course work*.
4. Honoring the above expectations and passing their credit recovery class will give the student future privileges to take on-line credit recovery courses. Failure to honor the above expectations or failing the credit recovery class will result in the student losing the privilege of taking an on-line credit recovery course for one year. Students will also be required to enter the regular classroom at the beginning of the following semester.
5. Seniors short of the necessary credits for graduation will be expected to return to BHS the following Monday after graduation to continue working on achieving their necessary credits. Seniors who need to take credit recovery classes (up to two) during the summer will begin their credit recovery classes when summer school starts. They may receive a diploma upon passing their credit recovery classes and earning the necessary credits to graduate.

### BVA On-line courses at Blissfield High School

BVA on-line courses are a privilege that are available for students with unique circumstances in their educational experience. Below are the circumstances and expectations that are in place for a student signing up for a BVA on-line course:

1. BVA courses, because of the required courses underclassmen are required to take, are reserved for upperclassmen (juniors and seniors). Upperclassmen will have the option of taking an on-line course if there are no other options available from the master schedule or if their EDP supports them taking a related on-line course. Underclassmen

(sophomores and freshmen) will be allowed to take an on-line course only if there is a schedule conflict that cannot be resolved.

2. Students taking a BVA on-line course must sign up for the google classroom created by the lead instructor in the media center exclusively for students taking BVA on-line courses. This will give the lead instructor the ability to log on and view what the student has been doing in regards to their course work.
3. Students will be allowed to take only *one* BVA on-line course per semester.
4. Students will be expected to spend at least three hours a week logged on and working on their BVA on-line course.
5. Honoring the above expectations and passing their BVA on-line class will give the student future privileges to take on-line courses. Failure to honor the above expectations or failing the on-line class will result in the student losing the privilege of taking an on-line credit course for one year. Students will also be required to enter the regular classroom at the beginning of the following semester.

#### BVA On-Line courses at home (seat time waiver)

Seat time waivers (on-line schooling at home) is a special situation that exist for students with unique educational needs. Some of the circumstances include:

1. A medical condition...students needing surgery or having a diagnosed medical condition that warrants a student working from home.
2. A unique family situation that warrants more flexibility with education.
3. A unique educational situation, as determined by the BVA team (Principal, Student Services Team Member, Lead BVA Instructor)
4. Students taking BVA on-line courses and credit recovery courses must sign up for the google classroom created by the lead instructor in the media center exclusively for students taking BVA on-line / credit recovery courses. This will give the lead instructor the ability to log on and view what the student has been doing in regards to their course work.
5. Students will be allowed to take up to 7 classes (full load) per semester
6. Students will be expected to spend at least 3 hours (per class) a week logged on and working on their BVA on-line or credit recovery courses.
7. Honoring the above expectations and passing their BVA on-line/credit recovery classes will give the student future privileges to take on-line courses. Failure to honor the above expectations or failing the on-line classes will result in the student losing the privilege of being enrolled in the BVA full time from home. Students will also be required to enter the regular classroom at the beginning of the following semester.