



2022-2023 CURRICULUM GUIDE

Earning an Ohio High School Diploma Class of 2023 and Beyond	Pg. 2-3
Seal Requirements	Pg. 4
Honors Diplomas	Pg. 5
Grade Classification	Pg. 6
Course Changes	Pg. 6
Early Graduation	Pg. 6
College Credit Plus & Meeting	Pg. 6
Credits Earned Outside of Regular Programs	Pg. 6
Bath Digital Academy	Pg. 6
Articulation Agreement	Pg. 6
Note to Parents Regarding Graduation Requirements	Pg. 6

COURSE DESCRIPTIONS

Art	Pg. 7-9
Business/Technology	Pg. 10-12
Career Education	Pg. 13
CBI	Pg. 13
English	Pg. 14-16
Engineering & Robotics	Pg. 16
Foreign Language	Pg. 16-18
Health and Physical Education	Pg. 19
Industrial Technology	Pg. 20
Mathematics	Pg. 21-23
Music	Pg. 23-24
Science	Pg. 24-26
Social Studies	Pg. 27-28
Social Emotional Learning	Pg. 28
Apollo	Pg. 29

Ohio's High School Graduation Requirements

Classes of 2023 and Beyond



It's Your **Future.** Get **Ready.**

Before you know it, you'll be receiving your high school diploma. Ohio is giving you new ways to show the world what you can do with it.

As a student entering ninth grade on or after **July 1, 2019**, Ohio's new high school graduation requirements give you more flexibility to choose a graduation pathway that builds on your strengths and passions – one that ensures you are ready for your next steps and excited about the future.

First, cover the basics

You must earn a minimum total of 20 credits in specified subjects and take your required tests. Then, decide how you will round out your diploma requirements.

English language arts	4 credits
Health	½ credit
Mathematics	4 credits
Physical education	½ credit
Science	3 credits
Social studies	3 credits
Electives	5 credits

Other Requirements

You also must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may require more than 20 credits to graduate.

Second, show competency

Earn a passing score on Ohio's high school Algebra I and English II tests. Students who do not pass the test will be offered additional support and must retake the test at least once.

Is testing not your strength? After you have taken your tests, there are three additional ways to show competency!

Option 1.

Demonstrate Two Career-Focused Activities*:

Foundational

Proficient scores on WebXams
A 12-point industry credential
A pre-apprenticeship or acceptance into an approved apprenticeship program

Supporting

Work-based learning
Earn the required score on WorkKeys Earn the OhioMeansJobs Readiness Seal

*At least one of the two must be a Foundational skill

Option 2.

Enlist in the Military

Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.

Option 3.

Complete College Coursework

Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

Third, show readiness

Earn two of the following diploma seals, choosing those that line up with your goals and interests. These seals give you the chance to demonstrate academic, technical and professional skills and knowledge that align to your passions, interests and planned next steps after high school.

At least one of the two must be Ohio-designed:

- ☐ OhioMeansJobs Readiness Seal (Ohio)
- ☐ Industry-Recognized Credential Seal (Ohio)
- ☐ College-Ready Seal (Ohio)
- ☐ Military Enlistment Seal (Ohio)
- ☐ Citizenship Seal (Ohio)
- ☐ Science Seal (Ohio)
- ☐ Honors Diploma Seal (Ohio)
- ☐ Seal of Biliteracy (Ohio)
- ☐ Technology Seal (Ohio)
- ☐ Community Service Seal (Local)
- ☐ Fine and Performing Arts Seal (Local)
- ☐ Student Engagement Seal (Local)

Want to learn more? Contact your school counselor or visit education.ohio.gov/graduation



Seal Requirements:

- The Ohio Department of Education requires all graduates in the Class of 2023 and Beyond earn a minimum of two diploma seals for graduation. One seal **MUST** be a state (Ohio) seal. Please see a brief description below of each.

OhioMeansJobs Readiness Seal (Ohio) Must demonstrate certain professional skills required for success in the workplace. Students work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work, or the community.

Industry-Recognized Credential Seal (Ohio) Earn an approved industry-recognized credential or group of credentials totaling 12 points in a single career field.

College-Ready Seal (Ohio) Earn remediation-free ACT scores; currently these are English 18 or higher, Reading 22 or higher, and Mathematics 22 or higher- these values are subject to change

Military Enlistment Seal (Ohio) Provide evidence that a student has enlisted in a branch of the U.S. Armed Forces; or participate in an approved JROTC program

Citizenship Seal (Ohio) Earn a score of proficient or higher on both the American History and American Government end-of-course exams; earn a final course grade of B or higher in both high school American History and American Government courses.

Science Seal (Ohio) Earn the Science Seal is by earning a score of proficient or higher on the biology end-of-course examination; earn a final course grade of B or higher in an advanced science course

Honors Diploma Seal (Ohio) Students can earn one of the following: Academic Honors Diploma; International Baccalaureate Honors Diploma; Career-Tech Honors Diploma; STEM Honors Diploma; Arts Honors Diploma; Social Science and Civic Engagement Honors Diploma (See next page for details)

Seal of Biliteracy (Ohio) Must show proficiency in English and another language. One of the options for showing proficiency in English is earning a score of proficient or higher on the ELA II EOC, as well as a foreign language competency exam.

Technology Seal (Ohio) A student can earn a final course grade that is equivalent to a “B” or higher in an appropriate class taken through the College Credit Plus program.

Community Service Seal (Local) Student must have 12 hours of documented community service during 9th-12th grade and show signed approval from the organization.

Fine and Performing Arts Seal (Local) Successful completion of 2 semesters of a fine or performing art course within 9th-12th grade (successful completion means a C or higher both semesters); documentation comes from course grade being on transcript.

Student Engagement Seal (Local) Throughout the 9th-12th grade, students must successfully participate in 2 seasons of a sport(s), 2 seasons of marching band, 2 years of show choir and/or jazz band, or 2 semesters of participation in a school approved organization(s) or club(s) and both organization advisors and/or coaches must sign approval form

Please see descriptions of Ohio state seals if you need more clarification.

<https://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Summary-of-Graduation-Updates-%E2%80%93-2023-and-Beyond>

Ohio High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content ⁸	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science ⁹	4 units, biology, chemistry, and at least one additional advance science ⁹	4 units, including two units of advanced science ⁹	5 units, including two units of advanced science ⁹	3 units, including one unit of advanced science ⁹	3 units, including one unit of advanced science ⁹
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum ³	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ ¹ Workkeys	N/A	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴ /Workkeys (6 Reading for Information & 6 Applied Mathematics) ⁷	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴	27 ACT/1280 SAT ⁴
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's areas of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's areas of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's areas of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's areas of focus ⁵	Complete a field experience and document the experience in a portfolio specific to the student's areas of focus ⁵
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts ⁶
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

GRADE CLASSIFICATION

SOPHOMORES = 5 CREDITS

JUNIORS = 10 CREDITS

SENIORS = 15 CREDITS

COURSE CHANGES

The courses selected in the Spring will determine the master schedule of classes for the next year. **Student Registration in a course requires a commitment on your part to that course.** You have freedom of choice regarding the classes you and your parents select for the coming school year; however, following the registration deadlines you are not permitted to change courses unless you meet one of the following criteria.

Changes will be considered for the following reasons only:

1. **LACK OF REQUIRED COURSE:** If you are missing a course that is a graduation requirement OR you failed a mandatory course and need to repeat the course.
2. **FAILURE TO MEET PREREQUISITES:** If you registered for a course, but failed to meet the prerequisites mandatory for that course.
3. **PROCEDURAL ERRORS:** A course code incorrectly inputted.
4. **SUMMER:** Students who complete a course for credit recovery or CCP in summer school for which they are scheduled will be permitted to substitute another class for that course only.
5. **CCP:** Registered for an equivalent CCP course.

EARLY GRADUATION

Bath High School requires twenty (20) units of credit for graduation. These credits may be completed in six (3 years) or seven (3 ½ years) semesters. Among these twenty (20) credits, students must meet state minimum standards and local requirements for graduation. Recommendations for approval of early graduation will include such factors as vocational readiness, participation in co-curricular activities, social factors, physical factors, student goals and unusual family situations, as well as academic excellence. Application for three-year graduation must be made by April of the sophomore year. Application for 3 ½ year graduation must be made by April of the junior year.

For students to be eligible for early graduation after three years in attendance, they must have completed fourteen (14) units of credit by the end of the sophomore year. For students to be eligible for graduation after 3 ½ years in attendance, they must have completed 17.50 units of credit by the end of the junior year.

COLLEGE CREDIT PLUS

This program permits any qualified students, grades 7 through 12, to enroll in public college on a full or part-time basis for nonsectarian courses for which they may receive high school and/or college credit. College Credit Plus courses can be taken in the summer, fall, or spring semester with a maximum of 30 semester hours per year which includes high school credits earned. Complete information regarding this program will be available to parents on Wednesday, February 23rd at 7:00 pm in the high school auditorium. All signed CCP forms due on or before April 1st.

CREDITS EARNED OUTSIDE OF REGULAR PROGRAMS

Under special circumstances, a student may earn 4 credits in independent study; 2 credits per year in summer school; 2 credits by correspondence courses; however, only a total of 6 credits may be earned toward the 20 units required for graduation. These are separate programs and are not to be considered as a substitute for the regular school program. Prior approval from administration must be granted before a student is eligible for any of these programs.

BATH DIGITAL ACADEMY (BDA)

The Bath Digital Academy is a credit flexibility option for students who need to recover the necessary credits towards graduation and/or for those students who may be unable to attend the traditional school setting. Enrollment in the digital academy requires administrative approval. Please see an administrator or guidance counselor for more information.

ARTICULATION AGREEMENT (SUBJECT TO CHANGE)

Students successfully completing classes in the BathPride Company may have the opportunity to earn college credit from The University of Northwestern Ohio.

NOTE TO PARENTS REGARDING GRADUATION REQUIREMENTS

It is the student's responsibility to see that requirements for graduation are met. Bath High School will make every effort to keep up-to-date records and to keep students and parents informed about the status of progress toward necessary course work for graduation requirements. However, it is the student's responsibility to be acquainted with the necessary requirements to meet this goal. Note: It is required that students take six courses each semester.

Course Descriptions

ART

104 FUNDAMENTALS OF ART

1/2 CREDIT

GRADES 9,10,11,12

SEMESTER

MATERIALS FEE: \$15.00

A general fine arts course presenting a series of introductory art experiences in multiple media. The course emphasizes the basic elements of art (line, shape, value, color, space, form and texture) and helps the student develop a working knowledge of the principles of design. The study of different artists and cultures will be explored through the use of technology, artistic prints and the student textbook, *The Visual Experience*.

105 DRAWING/PAINTING I

1/2 CREDIT

GRADES 9,10,11,12

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Fundamentals of Art

A fine arts course which covers a variety of 2-dimensional media such as acrylic, pastel, colored pencil, charcoal and graphic art. Subject matter will focus on drawing from "life" and will include still-life and portraits as well as exploring other genres of art. Further study of the principles of design will be emphasized in order for the student artist to become adept in the creation of strong compositions. The study of different artists, movements, and cultures will be explored through the use of technology, artistic prints and the student textbook, *The Visual Experience*.

106 DRAWING/PAINTING II

1/2 CREDIT

GRADES 10,11,12

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Drawing/Painting I

A fine arts course which continues with more in depth study of experiences, ideas and concepts introduced in Drawing & Painting I. This is a course for the student who is extremely interested in Art. Emphasis will be placed on using artists, movements, and cultures as inspiration for student work, individual creativity, and approaching art as a means of communication. Drawing & Painting II involves in depth studies of art concepts that require independent and individualized study and classroom work.

112 DRAWING/PAINTING III

1/2 CREDIT

GRADES 11,12

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Drawing/Painting II

Student should have a B average in prerequisite classes and permission of instructor.

A theme based fine arts course with a strong emphasis in art history for the student who is very interested and proficient in the arts or are considering art as a major in college and a career in the field. Drawing and Painting III/IV involves in depth studies of art concepts. The class requires independent and individualized study and classroom work, self-motivation, persistence, and self-direction in the creation of student work. This class will include the creation/maintenance of a portfolio (and making it digital).

113 DRAWING/PAINTING IV

1/2 CREDIT

GRADES 11,12

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Drawing/Painting III

Student should have a B average in prerequisite classes and permission of instructor.

A theme based fine arts course with a strong emphasis in art history for the student who is very interested and proficient in the arts or are considering art as a major in college and a career in the field. Drawing and Painting III/IV involves in depth studies of art concepts. The class requires independent and individualized study and classroom work, self-motivation, persistence, and self-direction in the creation of student work. This class will include the creation/maintenance of a portfolio (and making it digital).

114 DRAWING/PAINTING V**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIAL FEES: \$20.00

PREREQUISITE: Drawing/Painting IV**Student should have a B average in prerequisite classes and permission of the instructor.**

These courses are for the student who is very interested in pursuing a career in visual arts and who is skilled in creative thinking, techniques and art concepts. The thematic work will carry on into these various levels of art courses. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Photography will be a component of this course. Self-motivation, persistence, and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio in preparation of portfolio review at the university level. These courses are offered as an **independent study** and can be scheduled during any 2-D art class.

115 DRAWING/PAINTING VI**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIAL FEES: \$20.00

PREREQUISITE: Drawing/Painting V**Student should have a B average in prerequisite classes and permission of the instructor.**

These courses are for the student who is very interested in pursuing a career in visual arts and who is skilled in creative thinking, techniques and art concepts. The thematic work will carry on into these various levels of art courses. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Photography will be a component of this course. Self-motivation, persistence, and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio in preparation of portfolio review at the university level. These courses are offered as an **independent study** and can be scheduled during any 2-D art class.

116 DRAWING/PAINTING VII**1/2 CREDIT****GRADE 12**

SEMESTER

MATERIAL FEES: \$20.00

PREREQUISITE: Drawing/Painting VI**Student should have a B average in prerequisite classes and permission of the instructor.**

These courses are for the student who is very interested in pursuing a career in visual arts and who is skilled in creative thinking, techniques and art concepts. The thematic work will carry on into these various levels of art courses. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Photography will be a component of this course. Self-motivation, persistence, and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio in preparation of portfolio review at the university level. These courses are offered as an **independent study** and can be scheduled during any 2-D art class.

107 SCULPTURE/CERAMICS I**1/2 CREDIT****GRADES 9,10,11,12**

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Fundamentals of Art

A fine arts course divided into two areas of concentration working with clay and exploring other three dimensional processes. This course will cover sculpture in the round, additive and subtractive sculpture techniques, throwing on the pottery wheel and hand built pottery.

109 SCULPTURE/CERAMICS II**1/2 CREDIT****GRADES 10,11,12**

SEMESTER

MATERIALS FEE: \$20.00

PREREQUISITE: Sculpture/Ceramics I

A fine arts course which continues with more in depth study of experiences, ideas and concepts introduced in Sculpture/Ceramics I. This class will involve in depth studies of art techniques that require independent and individualized classroom work. It will also utilize art history as inspiration for student work. Advanced students considering a major or career in art will also be expected to include works in their digital portfolio.

117 SCULPTURE/CERAMICS III**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIALS FEE \$20.00

PREREQUISITE: Sculpture/Ceramics II**Students should have a B average in prerequisite classes and permission of the instructor.**

These fine arts courses will continue a more in depth study of experiences, ideas and concepts introduced in previous Sculpture and Ceramics courses. Class will involve the creation of sculpture on a larger scale, jewelry, and wheel work. Advanced concepts and techniques will be expected in student created work. This class is recommended for students with a high interest in the arts and considering a future career in the field. These courses are offered as an **independent study** and can be scheduled during any 3-D art class.

118 SCULPTURE/CERAMICS IV**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIALS FEE \$20.00

PREREQUISITE: Sculpture/Ceramics III**Students should have a B average in prerequisite classes and permission of the instructor.**

These fine arts courses will continue a more in depth study of experiences, ideas and concepts introduced in previous Sculpture and Ceramics courses. This class will involve the creation of sculpture on a larger scale, jewelry, and wheel work. Advanced concepts and techniques will be expected in student created work. This class is recommended for students with a high interest in the arts and considering a future career in the field. These courses are offered as an **independent study** and can be scheduled during any 3-D art class.

119 SCULPTURE/CERAMICS V**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIALS FEE \$20.00

PREREQUISITE: Sculpture/Ceramics IV**Students should have a B average in prerequisite classes and permission of instructor.**

These fine arts courses will focus on thematic work across sculpture media. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Self-motivation, persistence and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio. This class is recommended for students very interested in pursuing a career in visual arts and who are skilled in creative thinking, techniques and art concepts in sculpture media. These courses are offered as an **independent study** and can be scheduled during any 3-D art class.

120 SCULPTURE/CERAMICS VI**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIALS FEE \$20.00

PREREQUISITE: Sculpture/Ceramics V**Students should have a B average in prerequisite classes and permission of instructor.**

These fine arts courses will focus on thematic work across sculpture media. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Self-motivation, persistence and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio. This class is recommended for students very interested in pursuing a career in visual arts and who are skilled in creative thinking, techniques and art concepts in sculpture media. These courses are offered as an **independent study** and can be scheduled during any 3-D art class.

121 SCULPTURE/CERAMICS VII**1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIALS FEE \$20.00

PREREQUISITE: Sculpture/Ceramics VI**Students should have a B average in prerequisite classes and permission of instructor.**

These fine arts courses will focus on thematic work across sculpture media. Students will be expected to create project proposals that follow established guidelines and will require independent and individualized study of artists, cultures, and movements in art history as well as the incorporation of more advanced techniques in various media. Self-motivation, persistence and self-direction in the creation of student work will be required. These courses will include the maintenance and refinement of their digital portfolio. This class is recommended for students very interested in pursuing a career in visual arts and who are skilled in creative thinking, techniques and art concepts in sculpture media. These courses are offered as an **independent study** and can be scheduled during any 3-D art class.

BUSINESS/TECHNOLOGY EDUCATION

These course allows students (referred to as employees) to work with today's most popular computer applications. Employees will complete a minimum of seven levels of software. Each employee works independently from the other and will be responsible for meeting deadlines, completing the seven software levels, completing projects, and for their conduct/work ethic in the BathPride Company. Employee cooperation and steady working pace will insure maximum benefit, which will prepare students for the workforce, college, and etc.

Programs that are offered: Microsoft Word, PowerPoint, Excel, Outlook, Access, Google Docs, Adobe Photoshop, InDesign, Dreamweaver, Illustrator, Computer Programing, Web Design, Video Game Design, JavaScript, 3D Modeling, Raspberry Pi, Photography, AutoCAD, Solar Panel, Robotics, Intro to Engineering. A student cannot repeat programs.

<u>214 COMPUTER LITERACY I</u> SEMESTER	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 9,10, 11, 12
<u>215 COMPUTER LITERACY II</u> SEMESTER PREREQUISITE: Computer Literacy I	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 9,10,11,12
<u>216 COMPUTER LITERACY III</u> SEMESTER PREREQUISITE: Computer Literacy II	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 10,11,12
<u>217 COMPUTER LITERACY IV</u> SEMESTER PREREQUISITE: Computer Literacy III	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 10,11,12
<u>218 COMPUTER LITERACY V</u> SEMESTER PREREQUISITE: Computer Literacy IV	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 10,11,12
<u>219 COMPUTER LITERACY VI</u> SEMESTER PREREQUISITE: Computer Literacy V	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 10,11,12
<u>230 COMPUTER LITERACY VII</u> SEMESTER PREREQUISITE: Computer Literacy VI	<u>1/2 CREDIT</u> FEE: \$10.00	GRADES 11,12
<u>231 COMPUTER LITERACY VIII</u> SEMESTER PREREQUISITE: Computer Literacy VII and Permission from Instructor	<u>1/2 CREDIT</u> FEE: \$10.00	GRADE 12
<u>232 COMPUTER LITERACY IX-JR. YEARBOOK</u> ALL YEAR PREREQUISITE: Junior Status	<u>1 CREDIT</u> FEE: \$20.00	GRADE 11
<u>233 COMPUTER LITERACY X-SR. YEARBOOK</u> ALL YEAR PREREQUISITE: Senior Status	<u>1 CREDIT</u> FEE: \$20.00	GRADE 12

This is a year-long course. In this course students will gain skills in one or more of the following areas: page design, advanced publishing techniques, copy writing, editing, and photography while producing a creative, innovative yearbook which records school memories and events. Participants gain useful, real world skills in time management, marketing, teamwork and design principles. There is an opportunity for the student to receive college credit.

234 COMPUTER LITERACY XI
JR. THE PAW PRINT NEWS

ALL YEAR

PREREQUISITE: Junior Status

1 CREDIT
FEE: \$20.00

GRADE 11

235 COMPUTER LITERACY XII
SR. THE PAW PRINT NEWS

ALL YEAR

PREREQUISITE: Senior Status

1 CREDIT
FEE: \$20.00

GRADE 12

"In order to be involved in the Paw Print Newspaper or Newscast, students and parents/guardian must sign and agree to abide by a code of conduct set forth by the Paw Print organization. Failure to follow the Code of Conduct may result in a reassignment of duties and/or a loss of staff member privileges."

An application must be completed online by the student and approved by Mr. Gomez before signing up for the class.

This is a course where students will write, edit, design, and layout the school newspaper. Students also work on completing a weekly newscast that is published on YouTube. Self-motivation, a positive attitude, and high standards of achievement are essential in all staff members.

CCP TECHNOLOGY COURSE OFFERINGS

AOT 2640 — Spreadsheet Software and Applications

3 Credit hours

Plans, creates, and maintains electronic spreadsheets and apply them to common business and accounting functions.

CPT 1050 — Technology Basics for IT Pro

3 Credit hours

Teaches students advanced computer terms and concepts. This course is required for all Information Technology majors. Students will learn Windows operating system, command line logic, electronic spreadsheets, and HTML/CSS programming. Emphasis will be on command line logic.

CPT 1040 — Introductory Computer Applications

1 Credit hour

Suggested to take CPT 1040 and CPT 1250 together but not required

Introduces students to general computer terms and concepts. The students will learn about the Windows operating system and how to use a word processor (Microsoft Word) and an electronic spreadsheet (Microsoft Excel).

CPT 1250 — Computer Applications in the Workplace

3 Credit hours

Suggested to take CPT 1040 and CPT 1250 together but not required

Introduces student to essential concepts in computer terminology, hardware components, operating systems and software issues. The student will have hands-on introduction to word processing, spreadsheet, presentation and database software using the Windows operating environment. Students will be required to prepare letters, reports and other documents and will be required to import data between the word processing and spreadsheet software applications.

CPT 1580 — Introduction to Graphic Design and Layout

3 Credit hours

Introduces students to design and layout concepts that make an effective presentation. Topics of instruction will include layout, type design, color usage, scaling photographs and artwork, design of various documents, and integration with written work. An introduction to the use of desktop publishing software will also be included.

CPT 1580 YBK — Introduction to Graphic Design and Layout

GRADES 11,12

3 Credit hours

This course is ONLY for members of the yearbook staff to receive college credit.

Introduces students to design and layout concepts that make an effective presentation. Topics of instruction will include layout, type design, color usage, scaling photographs and artwork, design of various documents, and integration with written work. An introduction to the use of desktop publishing software will also be included.

CPT 2650 — Creating and Editing Digital Image*3 Credit hours*

Introduces students to creating and/or editing digital images. Students will learn to create bitmap images using a variety of software tools, and will capture digital images using a digital camera and a scanner, and transfer those images to a computer for editing. Students will learn both the design and productions perspective, including creating and managing layer masks, creating color effects and improving images with adjustments layers, working with text and combining text and imagery, and using filters and layer styles to create eye-popping special effects. **This is a hands on course.**

CPT 2650 YBK — Creating and Editing Digital Image**GRADES 11,12***3 Credit hours*

This course is ONLY for members of the yearbook staff to receive college credit.

Introduces students to creating and/or editing digital images. Students will learn to create bitmap images using a variety of software tools, and will capture digital images using a digital camera and a scanner, and transfer those images to a computer for editing. Students will learn both the design and productions perspective, including creating and managing layer masks, creating color effects and improving images with adjustments layers, working with text and combining text and imagery, and using filters and layer styles to create eye-popping special effects. **This is a hands on course.**

CPT 2670 — Graphics Software and Applications*3 Credit hours*

Introduces students to creating and/or editing digital graphics. Students will learn to create vector graphics using a variety of software tools to create simple graphics, icons, and text to complex and multilayered illustrations. Through a thorough exploration of vector graphics students are able to apply their knowledge to all of the software tools, features and special effects, allowing them to create fun and interesting artwork. **This is a hands on course.**

CCP BUSINESS COURSE OFFERINGS

FIN 1250 — Personal Finance*3 Credit hours*

Provides students with a basic understanding of personal money management problems, consumer credit, personal insurance planning, securities analysis, Medicare, Social Security benefits, etc.

MGT 1010 — Principles of Management*3 Credit hours*

Introduces the basic concepts and methods of management in the business enterprise is presented through a comparison of evolving management approaches, and through an examination of motivation, ethics, leadership, communication, and decision-making processes within the management functions of planning, organizing, leading and controlling. Past and present business situations are examined through events currently reported in the news media for the purpose of promoting the application of management theories and techniques.

MGT 1250 — Team Building*3 Credit hours*

Offers real business team situations and develops critical leadership skills to interact effectively. Students will conduct meetings, develop teams, lead discussions, conduct self-assessments, practice assertiveness, do problem-solving and decision-making in a group environment.

MKT 1010 — Principles of Marketing*3 Credit hours*

Introduces the essentials of marketing. The environments of marketing, the nature of the consumption forces in the economy, the institutional structure of the American marketing system, distribution, wholesaling and retailing, ultimate consumers and industrial consumers and pricing are studied in detail.

CAREER EDUCATION

704 CAREER EXPLORATION & PERSONAL FINANCE

1/2 CREDIT

REQUIRED FOR GRADE 10

SEMESTER

FEE: TBD

This is a two-part course where students will learn best practices for managing their own finances along with the basic principles of economics. Students will understand money and income, decision making and planning, managing credit and debt, along with saving and investing. In the second part of the course students will explore a variety of careers and career pathways. A variety of skills will be introduced and developed such as resume writing, interviewing skills, professionalism, networking, and leadership. Students will research careers and review postsecondary admission requirements. Classroom discussions and guest speakers will relate to job attainment and advancement. Students in this class will have an understanding of career opportunities, job outlooks, and the pathways necessary in order to obtain a career in a field of interest. *Personal Finance is required for graduation.*

705A CAREER AWARENESS TRAINING A (CAT)

1 CREDIT

GRADE 12

1st SEMESTER

705B CAREER AWARENESS TRAINING B (CAT)

1 CREDIT

GRADE 12

2nd SEMESTER

The CAT program is offered to seniors as an elective course where students are released during the school day and partnered with either a teacher to provide educational experiences or local businesses which will provide internships, apprenticeships, or other business opportunities. Students have the opportunity to learn the skill sets that are necessary for a specific career and learn the soft skills necessary in the work force. Students will complete the course knowing the type of post-secondary education/training required in their career field. Grading is on a pass or fail basis. The grade will not count in the grade point average.

706 CAREER READINESS

1/2 CREDIT

GRADE 11 or 12

SEMESTER

In this course students will learn effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the semester, students will research careers and occupations, review post-secondary admissions qualifications, and develop interviewing skills. Additional topics will include professionalism, networking, conflict resolution, negotiation, leadership, and entrepreneurship. *Career Readiness may be a requirement for graduation for the classes of 2023 and beyond, if a student has not demonstrated a clear career pathway (CBI, Pre-Apprenticeship, Military Enlistment, CAT, or CCP).*

CBI

710 CAREER BASED INTERVENTION RELATED

1 CREDIT

GRADES 11,12

ALL YEAR

FEE: \$25.00

This class is designed to introduce the students to methods of obtaining and holding a job, as well as those of personal finance. Job safety is stressed throughout the program in conjunction with the students' work study. Field trips and fundraising activities are also part of the program.

711 CBI WORK

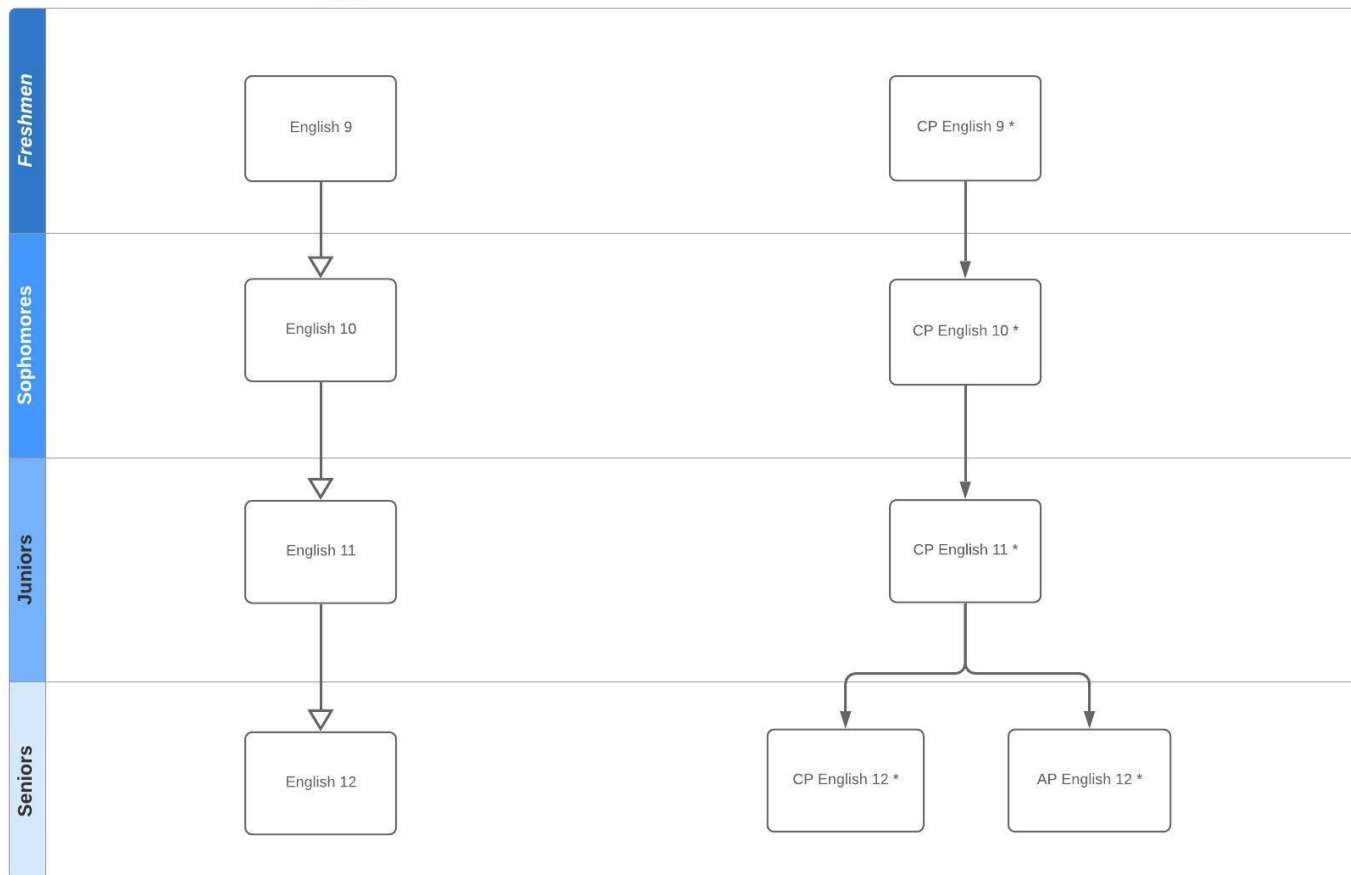
2 CREDITS

GRADES 11,12

ALL YEAR

PREREQUISITE: Must be in CBI related

A structured and supervised paid work experience that must average a minimum of fifteen hours per week during each nine-week grading period. Due to the work requirement, students in this course will be released for work during 6th and 7th period and will NOT be permitted to take other classes during this time. Grading is on a pass or fail basis. The grade will not count in the grade point average.



* NCAA Approved Course

321 ENGLISH 9

1 CREDIT

GRADE 9

ALL YEAR

This non-college bound course is designed for the student who has experienced difficulty with reading, grammar, usage, and/or writing. In this yearlong course the student will read a variety of literary forms with the emphasis placed on comprehension and the development of listening, speaking, and analyzing skills. In the study of writing and composition, emphasis will be on sentence structure, usage, and paragraph development leading to the basic essay. Vocabulary and spelling will also be stressed. All academic content standards taught are aligned to grade 9. The student will be expected to purchase paperback books for literature study.

322 COLLEGE PREP ENGLISH 9

1 CREDIT

GRADE 9

ALL YEAR

PREREQUISITE: Grade of "A", "B" or "C" in English 8 **or** Permission of the Instructor

This course is designed for the college bound student. In this year long course, the student will begin his/her preparation for more advanced study of literature and composition at the high school level. Students will study the various forms of literature including short stories, essays, drama, novels, informational texts, and poetry. Special emphasis will be directed toward identifying the main idea/theme of literary works and informational texts through the analysis of the author's choices. Grammar, usage, spelling, and vocabulary will be studied in conjunction with their functions as part of the writing process, particularly the crafting of narratives and essays. Students will be involved in writing different forms of compositions including exposition and narration with emphasis on good sentence and paragraph structure leading to the basic essay. The student may need to purchase paperback books for literature study.

323 ENGLISH 10**1 CREDIT****GRADE 10****ALL YEAR**

In this yearlong course the student will read a variety of literary forms including short stories, essays, poetry, drama, and novels. The emphasis will be on reading comprehension and inference. Students' skills in grammar, usage, vocabulary, and spelling will be emphasized as important components of their writing. Sentence structure, paragraph development, and basic essay structure will continue to be improved. All academic content standards are aligned to current state level indicators for grade 10. The student may be expected to purchase appropriate paperback books for literature study.

324 COLLEGE PREP ENGLISH 10**1 CREDIT****GRADE 10****ALL YEAR**

PREREQUISITE: Grade of "A", "B" or "C" in English 9 or permission of the instructor (A grade of D or F in CP English 9 requires the student to drop to the non-college bound level of English 10.)

This course is designed for the college bound sophomore. This yearlong course will expose the student to more critical and analytical reading and writing. In the study of composition, the student will be expected to refine his paragraph skills and to develop his essay skills in expository writing. Vocabulary study will be included. The study of literature will focus on more detailed analysis of short stories, poetry, drama, non-fiction, and novels. Students will be expected to use their composition skills to write about and analyze the literature that they read.

306 ENGLISH 11**1 CREDIT****GRADE 11****ALL YEAR**

The literature study in this course will include major American writers from the founding of the nation through the modern time period. Students will be expected to read outside novels. Basic expository essays, spelling, and vocabulary skills will be stressed. Emphasis will be placed on those topics on the state mandated American Institute for Research (AIR) Test. The student will be expected to purchase paperback books for literature study.

325 COLLEGE PREP ENGLISH 11**1 CREDIT****GRADE 11****ALL YEAR**

PREREQUISITE: Grade of "A", "B" or "C" in English 10 or Permission of the Instructor (A grade of D or F in CP English 10 requires the student to drop to the non-college bound level of English 11.)

This course is designed for the college bound junior. This course offers an overview of American literature, emphasizing the major literary periods and significant writers in each period. The study includes essays, poetry, short stories, novels and modern plays. The writing for this course is designed to refine essay skills and prepare the student for writing in college. Writing in this course includes critical analyses, an argumentative essay, a resume, and a formal research paper. Grammar will be integrated within writing and vocabulary will be addressed to prepare for the ACT.

309 ENGLISH 12**1 CREDIT****GRADE 12****ALL YEAR**

Over the course of the year students will study, write, and present speeches of various types with emphasis on grammar, structure, mechanics, audience, and organization. Literature study will emphasize leisure reading to encourage reading as a life-long activity. Compositions will be assigned in conjunction with the reading portion of the course. The student will be expected to purchase paperback books.

326 COLLEGE PREP ENGLISH 12**1 CREDIT****GRADE 12****ALL YEAR**

PREREQUISITE: Grade of A, B or C in English 11 or Permission of the Instructor (A grade of D or F in CP English 11 requires the student to drop to the non-college bound level of English 12.)

This course is designed for the college bound senior. The course offers an overview of British and World Literature, emphasizing the main literary movements in history and the significant writers within such periods. The first semester will be focused on British Literature in which classical writers such as William Shakespeare and Geoffrey Chaucer will be emphasized. The second semester will be focused on World Literature in modern fiction. The writing of this course will include critical analyses, thematic analysis, and a formal research paper. Grammar, vocabulary, and college preparation will be included in this course throughout the year.

327 ADVANCED PLACEMENT ENGLISH 12**1 CREDIT****GRADE 12***ALL YEAR*

PREREQUISITE: Grade of B+ or above in College Prep English 11 **AND** the Permission of the Instructor are required in order to register for this course.

This course is designed for college bound seniors who both enjoy the subject of literature and excel in the study of it. Students who complete this course will be encouraged to take the AP English Literature and Composition exam in the spring and may earn multiple college credits based upon the results of this test. The College Board charged \$87.00 last year for the administration and scoring of each AP exam.

AP English 12 will focus on the reading, analysis, and evaluation of works of literary merit (as prescribed by the College Board).

Summer reading may be required. Assignments will include large amounts of reading, frequent analytical essays (both extemporaneous and polished pieces) and oral presentations. Active participation in class discussions will be required. Students may need to purchase paperback books.

Work in this course will proceed at an accelerated pace and will require students to put forth their best effort on a consistent basis. It is hoped that students who accept the challenge of AP will find it intellectually stimulating and academically rewarding. Students should expect to increase their exposure to fine literature and to improve their vocabulary, close reading skills, and analytical writing skills as they strive to earn a 3 or higher on the AP English Literature and Composition exam in May.

ENGINEERING & ROBOTICS

709 COMPUTER MODELING & DESIGN**1/2 CREDIT****GRADES 10,11,12***SEMESTER*

FEE: TBD

The major focus of the course will expose students to the basic principles of 2D Computer Drawings and use AutoCAD Software, 3D Solid Modeling, and a basic introduction to Robotics and programming using 3D printing. The program is designed to allow students to develop strategies to enable and direct their own learning. CMD will also help develop the problem-solving skills necessary to create solutions to the various challenges and projects that increase in difficulty throughout the course. Students will also learn about 3D assemblies and 3D printing. This class will benefit students interested in any field of engineering, manufacturing, or architecture.

FOREIGN LANGUAGE

404 SPANISH I**1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

¡Bienvenidos! In this course we will be studying the language and the culture of the Hispanic world. Right from the start you will be emerged in communicating in the language which involves speaking, reading, writing, listening and learning vocabulary and grammar. Classes are held in Spanish.

405 SPANISH II**1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

PREREQUISITE: Spanish I with "C" or better

In Spanish II, we will add more vocabulary to your repertoire and learn to communicate more effectively by incorporating intrinsic sentence structures. In addition to vocabulary and communication skills, we will continue our study of the culture and history of the Spanish speaking world. Classes are held in Spanish.

OR**SPN 1010 — Beginning Spanish Language I****RHODES STATE COLLEGE***3 Credit hours*

Provides an introduction to Spanish language and culture through multiple approaches in order to develop spoken and written communication skills, listening and reading comprehension skills, and cultural awareness. This course will practice functional Spanish in basic listening and speaking situations. The focus will be on meaningful and achievable communication as per the American Council on the Teaching of Foreign Languages (ACTFL) current national standards.

406 SPANISH III**1 CREDIT****GRADES 10,11,12**

ALL YEAR

PREREQUISITE: SPANISH II WITH "C" OR BETTER

We will learn to communicate in different tenses: present, past, and future. We will also learn how to express emotions, doubt, and uncertainty. We will utilize authentic materials such as news articles and literature to gain a heightened sense of the language used for communication, the study of culture, and the everyday communication resources of the Spanish speaking world.

OR**SPN 1020 — Beginning Spanish Language II****RHODES STATE COLLEGE***3 Credit hours***Prerequisites:** SPN 1010 (with a grade of "C" or better).

Provides the second course in a series of two courses which serve as an introduction to Spanish Language and culture. Spoken and written communication skills will be developed as will listening and reading comprehension skills, and cultural awareness. This course will continue introducing and practicing functional Spanish in basic listening and speaking situations, as well as basic reading and writing. The focus will be on meaningful and achievable communication as per the American Council on the Teaching of Foreign Languages (ACTFL) current national standards.

407 SPANISH IV**1 CREDIT****GRADES 11,12**

ALL YEAR

PREREQUISITE: SPANISH I, II, III WITH "C" OR BETTER

En este curso repasaremos la gramática y los elementos gramaticales que son difíciles para los angloparlantes. Estudiaremos la lingüística básica como la ortografía, la acentuación y la sintaxis. Además, utilizaremos las noticias, los cuentos y la literatura para ver la gramática y la cultura en acción. Escribirás resúmenes y llevarás a cabo trabajos de investigación y presentaciones sobre los países hispanohablantes. Nos comunicaremos en español sobre estos temas.

OR**SPN 2010 -Intermediate Spanish Language & Culture I RHODES STATE COLLEGE***3 Credit hours***PREREQUISITE:** SPN 1020 (with a grade of "C" or better)

Provides the first in a series of two intermediate courses in Spanish language and culture. The course focuses on using the five skills needed to learn a language: reading, writing, speaking, culture, and listening. The course will adhere to the national communication standards as identified by the American Council on the Teaching of Foreign Languages (ACTFL). Transfer: TAG.

411 SPANISH V**1 CREDIT****GRADE 12**

ALL YEAR

PREREQUISITE: SPANISH I-IV WITH "C" OR BETTER: **Teacher recommendation is needed.**

Leeremos y utilizaremos los recursos auténticos tales como obras literarias para repasar y analizar la gramática y el vocabulario. Estudiaremos temas de arte e historia. Ampliaremos el vocabulario con el estudio de palabras que suelen causar confusión. Nos comunicaremos en español sobre estos temas. Se necesita una recomendación de la maestra para tomar este curso.

OR**SPN 2020 — Intermediate Spanish II****RHODES STATE COLLEGE***3 Credit hours***PREREQUISITE:** SPN 2010 (with a grade of C or better)

Provides the second in a series of two intermediate courses in Spanish language and culture. The course focuses on using the five skills needed to learn a language: reading, writing, speaking, culture, and listening. The course will adhere to the national communication standards as identified by the American Council on the Teaching of Foreign Languages (ACTFL). Transfer: TAG

417 AMERICAN SIGN LANGUAGE I**1 CREDIT****GRADES 9,10,11,12***ALL YEAR***Priority scheduling given to grades 10, 11,12**

This course is the first, of a three-year program designed to provide non-native signers an opportunity to study American Sign Language (ASL) as a foreign language. Students will be learning not only the language but also about Deaf culture and how to communicate with the Deaf. A textbook will be utilized.

OR**ASL 1010 — American Sign Language I****RHODES STATE COLLEGE***4 Credit hours*

Introduces conversation in American Sign Language. Beginning conversation using American Sign Language (ASL) which will include dialogue using fingerspelling, numbers, and vocabulary. **"C" grade policy applies.**

418 AMERICAN SIGN LANGUAGE II**1 CREDIT****GRADES 10,11,12***ALL YEAR***PREREQUISITE:** ASL I with a "C" or better

The second year of ASL will be a continuation of ASL 1 but will be a little more challenging. Students will be learning more vocabulary, culture, and the special grammar rules for ASL. Grammar, in ASL, is found on the face and in body movements and is a very important part of this language. The second half of the textbook from ASL 1 will be used in this class.

OR**ASL 1020 — American Sign Language II****RHODES STATE COLLEGE***3 Credit hours***PREREQUISITE:** ASL 1010.

Follows the introductory course in American Sign Language (ASL). Emphasis on vocabulary, conversation, enhanced knowledge of understanding ASL and Deaf culture and history. **"C" grade policy applies.**

423 AMERICAN SIGN LANGUAGE III**1 CREDIT****GRADES 11,12***ALL YEAR***PREREQUISITE:** ASL 2 with a "C" or better

The third year of ASL will be a continuation of ASL 2 but this year will be done without voices during class. Students will be making a vocabulary notebook and learning more about culture, different types of deafness, interpreting code of ethics and different interpreting settings. Students will also be watching performances in Sign such as videos, plays, and stories. We will begin doing more sign-to-voice and voice-to-sign interpreting. Students will need a 2" 3-ring binder and dividers for this class.

OR**ASL 2010 — American Sign Language III****RHODES STATE COLLEGE***3 Credit hours***PREREQUISITE:** ASL 1010, ASL 1020

Continues the practice and learning of American Sign Language taught during HUM 1601, American Sign Language I and HUM 1602, American Sign Language II. Students will develop more advanced ASL communication skills, both receptive and expressive, with vocabulary and grammar. This course will continue to enhance knowledge about the Deaf community and its culture. **"C" grade policy applies.**

HEALTH - PHYSICAL EDUCATION

500 HEALTH

1/2 CREDIT

GRADES 9,10

SEMESTER

IF CREDIT NOT EARNED IN 8TH GRADE

Health class focuses on a wellness approach to improve a person's overall health. Important aspects of health are identified for the student and include, but are not limited to: physical health, mental/emotional health and social health. Topics covered in this class offer a broad overview of health concepts and ideas, such as personality and self-esteem, preventing drug abuse, sexually transmitted infections and diseases, food and nutrition, and consumer health and safety. Health class provides the student with an array of knowledge that creates an opportunity for youth/adults to make wise decisions and choose desirable alternative behaviors to improve their overall wellness and quality of life. This course is offered through BDA – Bath Digital Academy.

501 PHYSICAL EDUCATION

1/4 CREDIT

GRADES 9,10

SEMESTER

Half of a credit is required for graduation. Regulation gym clothes and active participation are required. Grading is on a satisfactory or unsatisfactory basis. The grade will not count in the grade point average. Due to this course being less than a half credit, PE does NOT count towards the five necessary credits for athletic eligibility. Failure may result from three days of no participation per nine weeks or by being absent 1/4 of the scheduled classes per 9-week grading period.

502 CPR and FIRST AID

1/2 CREDIT

GRADES 9,10,11,12

SEMESTER

FEE: \$20.00

In this course, students learn, practice, and apply the CPR standards set forth by the American Heart Association. This course educates students in CPR and AED skills on an adult, child, and an infant; then students will apply this knowledge in the first aid portion where fundamentals of first aid response are covered and practiced. Basic first aid knowledge will be discussed in medical emergencies, injury emergencies, environmental emergencies, and other special occasions that can be applied to everyday life. The course will also educate on how this information will be beneficial to health-related career fields such as athletic training, nursing, an emergency medical technicians, and more by offering basic knowledge of ACLS (Advanced Cardiac Life Support) practices, basic identification of sport injuries, knowledge of basic anatomy, and opportunities for professional speakers. At the conclusion of this course, participants are trained to identify a medical emergency and will be properly educated on how to handle the situation. All who successfully pass the course will have the opportunity to be examined for a BLS (Basic Life Support) certification in First Aid, Adult CPR/AED, Infant CPR/AED issued from the American Heart Association.

BHS 1390 — MEDICAL TERMINOLOGY

RHODES STATE COLLEGE

2 Credit hours

Discusses an understanding of foundational medical terminology used in communication with the health care team. Terminology pertaining to the treatment of disease, including standard abbreviations, anatomic, diagnostic, symptomatic, eponymic, laboratory, pathologic, radiology, anesthetic, operative, and drug items will be covered in this course. **Transfer:** TAG

505A STRENGTH & CONDITIONING

1/2 CREDIT

GRADES 10,11,12

1st SEMESTER

505B STRENGTH & CONDITIONING

1/2 CREDIT

GRADES 10,11,12

2nd SEMESTER

Strength and Conditioning will provide an opportunity for development of strength and conditioning for various sports and fitness related activities. Free weights, exercise machines, agility activities, stretching, and nutrition will be incorporated to promote improvement in strength, endurance, balance, agility, speed, and overall body wellness. Students will lift according to their strength program and will participate in classroom activities on alternating days to learn the fundamentals of taking care of their body through nutrition. Proper technique, safety precautions, and proper application of the principles of training will be emphasized. A plan to achieve goals will be developed and implemented during this semester long course.

INDUSTRIAL TECHNOLOGY DEPARTMENT

700 INDUSTRIAL TECH I

1 CREDIT

GRADES 9,10,11,12

ALL YEAR

FEE: \$50.00

Students will be instructed on the designing and building of projects in many areas of the Industrial Technology field. The first quarter, students will be required to use drafting equipment to complete drafting assignments. This portion is a “hands-on” adventure into the common and correct techniques used in the drafting world. Students will then be required to build three predetermined group wood projects. Many of the basic woodworking machines will be discussed and demonstrated before the students may use them. Once the two required projects have been constructed, students may use their time to construct a “student choice” project. The third quarter, students will learn of the many techniques and machines used in the metalworking field. They will be required to build a sheet metal project. The fourth quarter is a fun “student’s choice” project or group project. An example of one: we discuss the inner workings of an automobile. Each student will then build a mousetrap car which will compete against the other cars in their class. Throughout the year students will be taught the safe and correct usage of many woodworking and metalworking tools and machines. Students will view a demonstration on each machine and take a safety test.

701 INDUSTRIAL TECH II

1 CREDIT

GRADES 10,11,12

ALL YEAR

FEE: \$50.00

PREREQUISITE: Must receive a passing grade in Industrial Tech I. PLUS students must purchase their own wood and materials. Industrial Technology II is a full year course designed to give students an in-depth knowledge into the woodworking field. Students will use knowledge of hand tools and machines obtained in IT I along with new instruction over materials, techniques, wood joints, table saw, Miter saw, wood lathe, and finishing to construct a major project of their choosing. This will be primarily a hands-on course with the majority of the year spent working on their project.

702 INDUSTRIAL TECH III

1 CREDIT

GRADES 11,12

ALL YEAR

FEE: \$25.00

PREREQUISITE: Must receive a passing grade in Industrial Tech II. Plus students must purchase their own wood and materials. The first semester, students will use CAD to design and create drawings on the computers. Students will also learn and use a 3D printer to complete various assignments. The second semester, students will plan, create, build, and finish a project or projects of their choosing. Instructor knowledge will be available on an “as needed” basis, with a complete use of the Industrial Technology Lab to build their desired projects.

703 INDUSTRIAL TECH IV

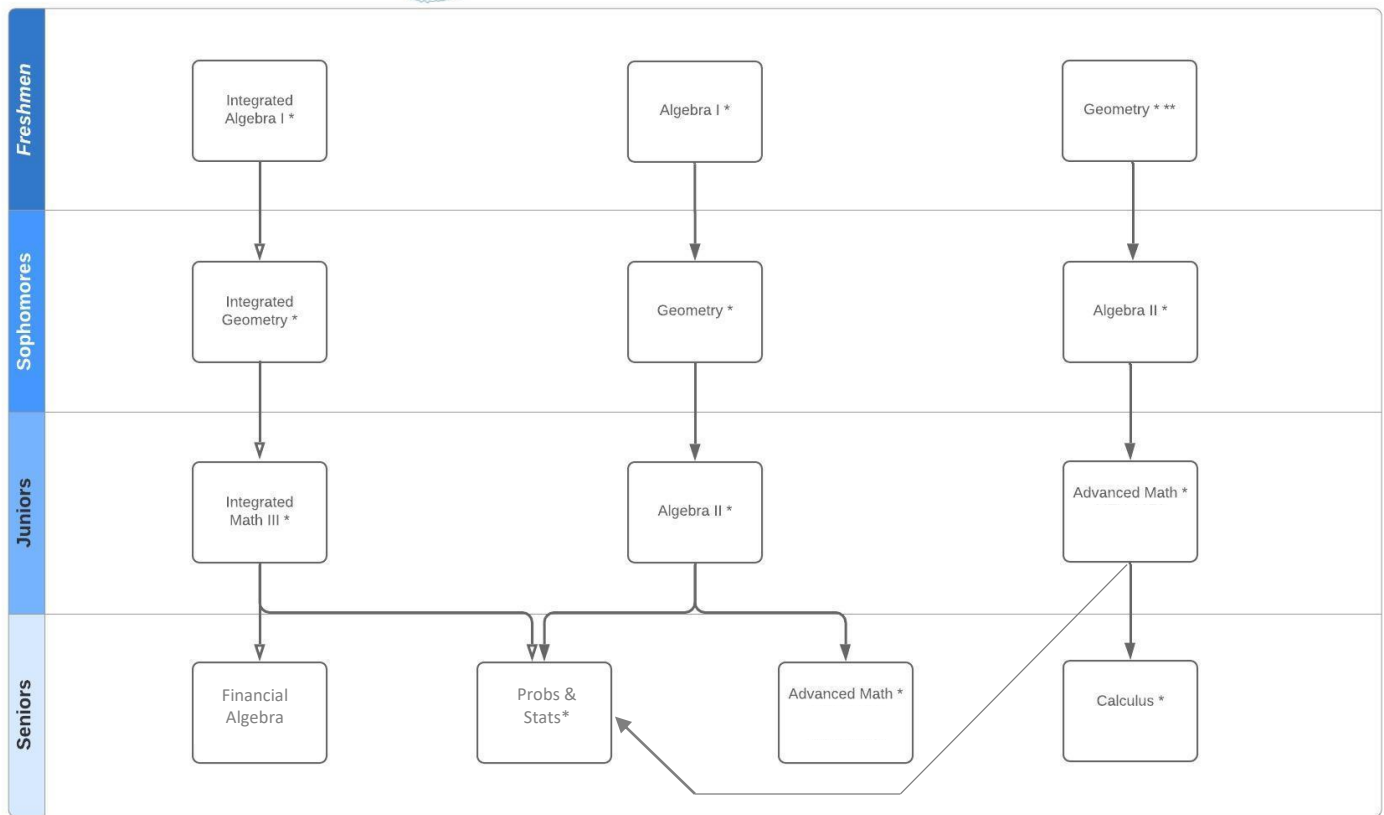
1 CREDIT

GRADE 12

ALL YEAR

LAB FEE: \$25.00

PREREQUISITE: Must receive a passing grade in Industrial Tech III. PLUS students must purchase their own wood and materials. This class is designed as an independent study for students to plan, create, build and finish projects of their choosing. Instructor knowledge will be available on an “as needed” basis, with a complete use of the Industrial Technology Lab to build their desired projects. Students must have a desire to build projects to take this class.



*NCAA Approved Course

** Must have earned Algebra I credit in the 8th grade

811 INTEGRATED ALGEBRA I

1 CREDIT

GRADE 9

ALL YEAR

Students will develop algebraic skills, both symbolic and graphical. This course will strengthen mathematical skills with arithmetic concepts, solving equations and inequalities, solving systems of two equations, simplifying radical expressions, factoring polynomial expressions and creative problem solving. This course places a strong emphasis on real world problems and an investigative approach. This course meets preparation requirement for college intending students and is aligned to Common Core State Standard. Students will be prepared for state mandated end of course exam.

803 ALGEBRA I

1 CREDIT

GRADE 9

ALL YEAR

Algebra I is the foundation for all advanced mathematics. Students will learn the language and usage of symbols and signs. Great emphasis will be concentrated toward the logic and the pattern of solving equations. These applications will be used in problem solving and will help in the preparation for studying the physical sciences such as Chemistry and Physics. This is the beginning of the college prep program.

814 REMEDIAL MATH

1/2 CREDIT

GRADE 10

SEMESTER

Remedial Math will be added to a student's schedule **IF** the student did not earn a competency score of 684 or higher on the Algebra I End of Course Exam. This course will provide remediation and prepare students to retake the Algebra I EOC.

812 INTEGRATED GEOMETRY**1 CREDIT****GRADE 10**

ALL YEAR

PREREQUISITE: Integrated Algebra I or Algebra I

Students will continue to develop algebraic skills, along with building knowledge of points, lines, planes, circles, and angles. This course will strengthen mathematical skills while covering topics such as coordinate geometry, transformations, measurements, 3D areas and volumes, logical reasoning, congruencies, similarities, and trigonometry. Emphasis will be placed on practical intuitive approaches to solving problems. This course meets preparation requirements for college intending students and is aligned to the Common Core State Standards. Students will be prepared for the state mandated end of course Geometry exam.

807 GEOMETRY**1 CREDIT****GRADES 9,10**

ALL YEAR

PREREQUISITE: "C" or better in Algebra I

A course designed to include facts about plane, solid and coordinate Geometry. Methods of reasoning and perceptions of geometric relations will be stressed. Subject matter includes basic properties, congruent triangles, plane and solid figures, proportions, similar polygons, circle areas of polygons and loci. **Students who pass remedial Algebra I in summer school are not eligible to take Geometry.**

813 INTEGRATED MATH III**1 CREDIT****GRADE 11**

ALL YEAR

PREREQUISITE: Integrated Geometry or Geometry

This course is designed to further the study of the Algebra and Geometry concepts taught in previous courses. This course will help those students who are anticipating going to college or a technical school and plan on taking the ACT. The course will cover a quick review of algebra concepts such as order of operations, solving equations, factoring polynomials, solving linear equations, quadratic equations and basic geometry and trigonometry concepts. Also included will be the study of complex numbers, graphing and solving 3 equations with 3 variables, matrices, probability, functions, angles and angle measurement, rational expressions, trigonometry functions, logarithms and conics. **A graphing calculator (TI 83 plus or TI 84 plus) is highly recommended and will be used extensively.**

805 ALGEBRA II**1 CREDIT****GRADES 10,11**

ALL YEAR

PREREQUISITE: "C" or better in Geometry

The first semester includes a review of Algebra I, and covers topics including real numbers, linear equations and functions, polynomials, rational expressions, irrational and complex number, and quadratic functions. Advanced topics presented in the second semester include the study of exponents and logarithms, sequences and series, matrices and determinants, conic sections, trigonometry, and statistics and probability. **A TI-83 graphing calculator is a necessary tool for success in this course.**

808 ADVANCED MATHEMATICS**1 CREDIT****GRADES 11,12**

ALL YEAR

PREREQUISITE: "C" or better in Algebra II

A year course designed to prepare the college bound student for college mathematics. Emphasis will be placed on the study of functions, graphing, trigonometry, analytic geometry, vectors, equation solving and other algebraic techniques.

809 CALCULUS**1 CREDIT****GRADE 12**

ALL YEAR

PREREQUISITE: "C" IN ADVANCED MATH AND TEACHER APPROVAL

First Semester – This offering integrates the Algebra, Geometry, Trigonometry and Analytic Geometry course. Calculus will be introduced late in the first semester.

Second Semester – The second semester is offered as a basic beginning course in calculus. Content of the course will include the study of functions with respect to the derivative, the integral and the differential.

810 PROBABILITY & STATISTICS**1 CREDIT****GRADE 12***ALL YEAR*

This class provides another opportunity for students to complete four units of Math. This course provides experiences that will deepen students understanding of data analysis and probability. Students will become proficient with the use of key probability distributions, including normal, T, and chi square distributions. It will provide hands-on perspective from which students can analyze and solve problems through experimentation and data as well as explain the relationship between the probability of an event and the odds of an event occurring.

815 FINANCIAL ALGEBRA**1 CREDIT****GRADE 12***ALL YEAR*

This course will involve the application of key Algebra, Geometry, and Statistics concepts to real-world financial topics such as Banking Services, Consumer Credit Usage, Automobile and Home Ownership, Income Taxes, Budgeting, Investing, and more. The course will prepare students to be able to apply mathematical concepts and make informed financial decisions in their everyday lives.

MUSIC**900 CONCERT CHOIR****1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

FEE: \$10.00

This choir is open to students through audition with the director.**Attendance at rehearsals and performances is mandatory.**

Music from all periods of history is studied to help develop an eclectic repertoire of musical styles. This organization performs numerous times throughout the year in formal concerts and contest.

913 CHAMBER CHORALE**1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

FEE: \$15.00

This choir is open through selective audition to students in grades 9, 10, 11 and 12.**Attendance at rehearsals and performances is mandatory.**

Only students who maintain the highest standards of musical excellence through performance will be permitted to hold membership in the Chamber Chorale. The Chamber Chorale performs numerous times throughout the year in formal concerts, contest and community performances.

905 SHOW CHOIR**1/2 CREDIT****GRADES 9,10,11,12***ALL YEAR*

FEE: \$15.00

Attendance at rehearsals and performances is mandatory.**You must be a member of the choir program and have the approval of the director.**

This "early bird" choir class meets Tuesday and Thursday mornings from 7:30 to 8:10 a.m. An audition process will be followed in order to achieve admittance into this group. Attendance and punctuality are the major factors in granting 1/2 credit for this course. The emphasis of this group will be singing, dancing, and performing.

901 BAND**1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

FEE: \$30.00

Attendance at rehearsals and performances is mandatory.**Placement in the two concert bands is through individual auditions.**

The band program is open to any student who passes proficiency on a band instrument. Two concert bands combine to form the marching band. Emphasis is on group and individual musicianship. These groups will perform many types of music. All students earn a grade.

906 FLAGS**1/2 CREDIT****GRADES 9,10,11,12***SEMESTER*

FEE: \$30.00

Attendance at rehearsals and marching band performances is mandatory.

Membership in the Flag Corp is by audition only. This is a one-semester course in which students earn one half credit and a grade. All members are required to attend a summer camp and all Bath High School Marching Band functions. This "906 Flags" is for non-instrumental playing Flag Corp members. All members earn a grade.

912 JAZZ BAND**1/2 CREDIT****GRADES 9,10,11,12****ALL YEAR** You must have permission from the band directors to register for this course.**Attendance at rehearsals and performances is mandatory.**

This "early bird" class meets Monday and Wednesday from 7:30 to 8:10 a.m. You must be a member of the band program or be proficient on an instrument needed for Jazz Band that a band member cannot play. Attendance and punctuality are the major factors in granting 1/2 credit for this course. Emphasis will be on musical style and improvisation, the basis of all jazz.

903 MUSIC THEORY**1/2 CREDIT****GRADES 9,10,11,12****1st SEMESTER ONLY****FEE: \$15.00**

Music Theory is open to ALL students. This course offers an opportunity to learn and utilize the concepts of basic music theory. Reading and writing musical notation, rhythms, and key signatures combined with using proper musical terminology will allow students to better understand and appreciate music, as well as give them the tools necessary to write and compose simple songs. Students are only allowed to take course once.

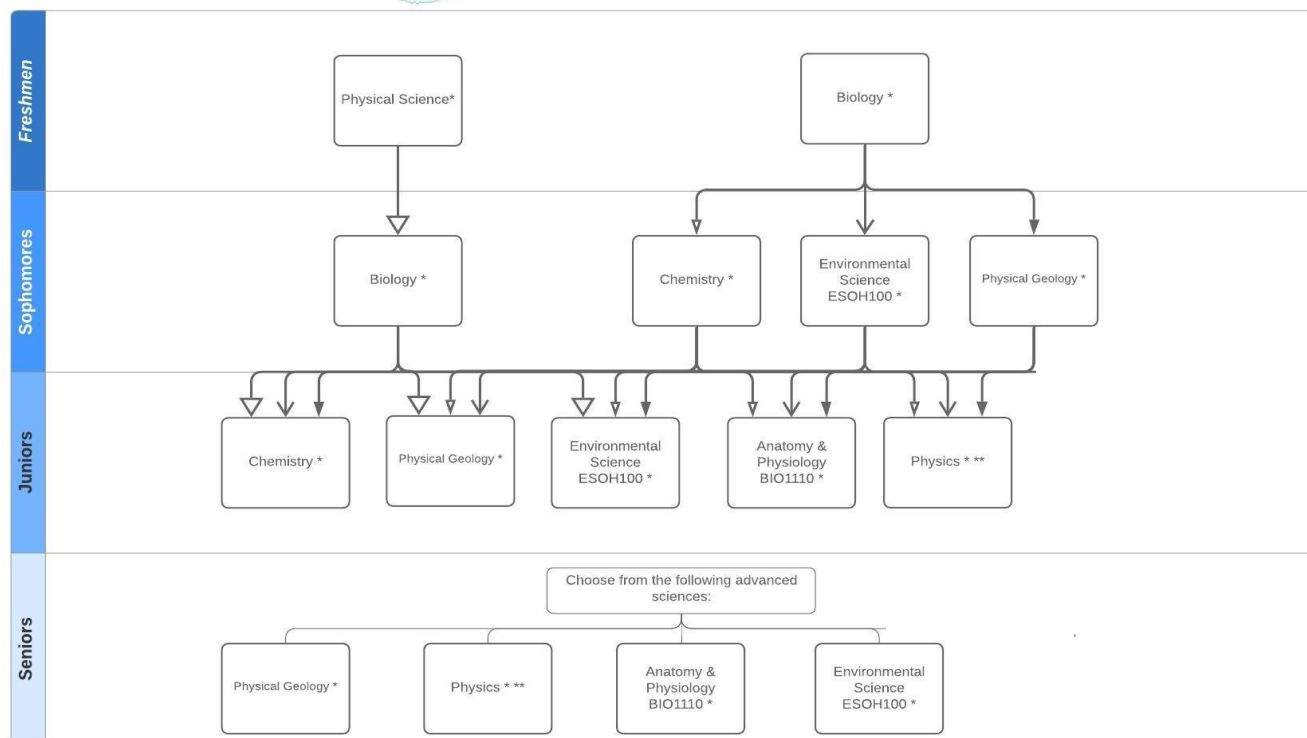
911 MUSIC APPRECIATION**1/2 CREDIT****GRADES 9,10,11,12****2nd SEMESTER ONLY**

Music Appreciation is open to ALL students. The purpose if this course is to increase students' musical awareness and give students the tools to actively listen to, discuss, and critique various styles of music. The first portion of the course will focus on learning the basic elements of music: Melody, Rhythm, Harmony, Form, Texture, Timbre, Tempo, and Dynamics. The second portion of the course will focus on the history of Classical music from the Middle Ages to the present. Using appropriate vocabulary, students will study a variety of musical genres, including: Classical, Jazz, Opera, Musical Theater, and Popular music. Students are only allowed to take this course one time.

SCIENCE

**Science Department**

Bath High School | Curriculum Map



* NCAA Approved Course

** Must earn Algebra II prior to taking Physics

927 PHYSICAL SCIENCE**1 CREDIT****GRADE 9***ALL YEAR*

This course will introduce the students to elementary physical and chemical concepts. Topics such as metrics, motion, gravity, systems energy, waves, optics, electricity, matter, atoms, compounds, the periodic table, carbon compounds, crystals, fluids, solutions, acids, bases, and salts will be covered. The students will use basic math to solve science problems and there will be some laboratory work. This course is designed to prepare the student for further coursework in science. A calculator is helpful. This class counts as a physical science towards graduation requirements.

933 BIOLOGY**1 CREDIT****GRADES 9,10***ALL YEAR*

FEE: \$15.00

PREREQUISITE: General Science, or Instructor Permission * (Should be completed by the end of Sophomore year)

Biology is the study of the life from microscopic to macroscopic forms. Students will study life forms on a molecular level, cellular level, and genetic level. This course will also include the study of evolutionary patterns, ecological dynamics, and individual forms. Use of microscopes and dissections will be required. This class counts as a life science towards graduation requirements.

934 CHEMISTRY I**1 CREDIT****GRADES 10,11,12***ALL YEAR*

FEE: \$10.00

PREREQUISITE: Biology OR **COREQUISITE:** Biology

Chemistry I is designed to introduce the student to the basic facts of chemistry and to provide a solid core of the fundamental concepts. Topics include the atomic structure and periodic table, quantitative relations in chemical formulas and equations, the nature of chemical reactions, energy changes, and reaction rates, solutions, and understanding and interpreting laboratory procedures and observations. **A scientific calculator is necessary.** This class counts as a physical science or advanced science towards graduation requirements.

926 PHYSICAL GEOLOGY**1 CREDIT****GRADES 10,11,12***ALL YEAR*

FEE: \$5.00

PREREQUISITE: Biology

Physical Geology will study topics that deal with the planet earth. It will include concepts such as: the universe, solar system, moon, space travel, maps, minerals, rocks, earth's structure, earth's energy, mountains, soil, water, glaciers, oceans, geologic time, air, climate, and weather. Some topics will have lab projects introducing them where people in lab groups will work together to learn more about that specific topic. This class counts as a physical science or advanced science towards graduation requirements.

936 PHYSICS**1 CREDIT****GRADES 11,12***ALL YEAR*

FEE: \$10.00

PREREQUISITE: Algebra I, II, Geometry**A scientific calculator is necessary.**

Physics is the study of matter, energy, fundamental forces and the interactions between them in the natural world. Areas of emphasis are mechanics (motion, collisions and the interactions of objects), thermodynamics, electricity and magnetism, wave theory (heat, sound and light) and, the laws of optics (lenses and mirrors). A solid math background is essential and chemistry is helpful. Laboratory is an integral part of the coursework. This class counts as a physical science or advanced science towards graduation requirements.

942 ANATOMY AND PHYSIOLOGY**1 CREDIT****GRADES 11,12**

ALL YEAR

FEE: \$25.00

PREREQUISITE: Biology

Studies the structure and function of the human body as an integral whole. The course begins with a brief study of inorganic chemistry, organic chemistry, and histology, then examines the following body systems: integumentary, skeletal, muscular and nervous. Laboratories include dissections, physiology experiments and plastic model demonstrations. This class counts as a life science or advanced science towards graduation requirements.

OR**BIO 1110 – Anatomy and Physiology I****RHODES STATE COLLEGE****4 Semester Credit Hours**

Studies the structure and function of the human body as an integral whole. The course begins with a brief study of inorganic chemistry, organic chemistry, and histology, then examines the following body systems: integumentary, skeletal, muscular, and nervous. Laboratories include dissections, physiology experiments, and plastic model demonstrations. "C" grade policy applies for a student in a health program.

Transfer: TM

Prerequisites: CHM 0960 with "C" or better, or ACT Science score of 20.

Co-requisites: BIO 1110L.

BIO 1110L – Anatomy and Physiology I Lab

Laboratories include dissections, physiology experiments, and plastic model demonstrations.

946 ENVIRONMENTAL SCIENCE**1 CREDIT****GRADES 10,11,12**

ALL YEAR

FEE: \$25.00

PREREQUISITE: Biology

Environmental Science initially examines the structure and function of ecosystems. The course then examines man's impact upon ecosystems and public health by identifying various sources of air contaminants, water contaminants, and soil contaminants, and the composition of municipal and industrial waste. The course concludes with an examination of society's use of and dependency upon energy and the fuels used to generate power and electricity, including fossil fuels, nuclear fuels, and alternative energy sources (solar, wind, hydro, and geothermal). Current writings and events related to the environment are identified and discussed. Public officials and governmental bodies and the processes that protect human health and the environment are also examined. This class counts as a life science or advanced science towards graduation requirements.

OR**ESOH 100 ENVIRONMENT AND SOCIETY****UNIVERSITY OF FINDLAY***Credits: 3 (Semester) Credit Hours***PREREQUISITE:** Biology

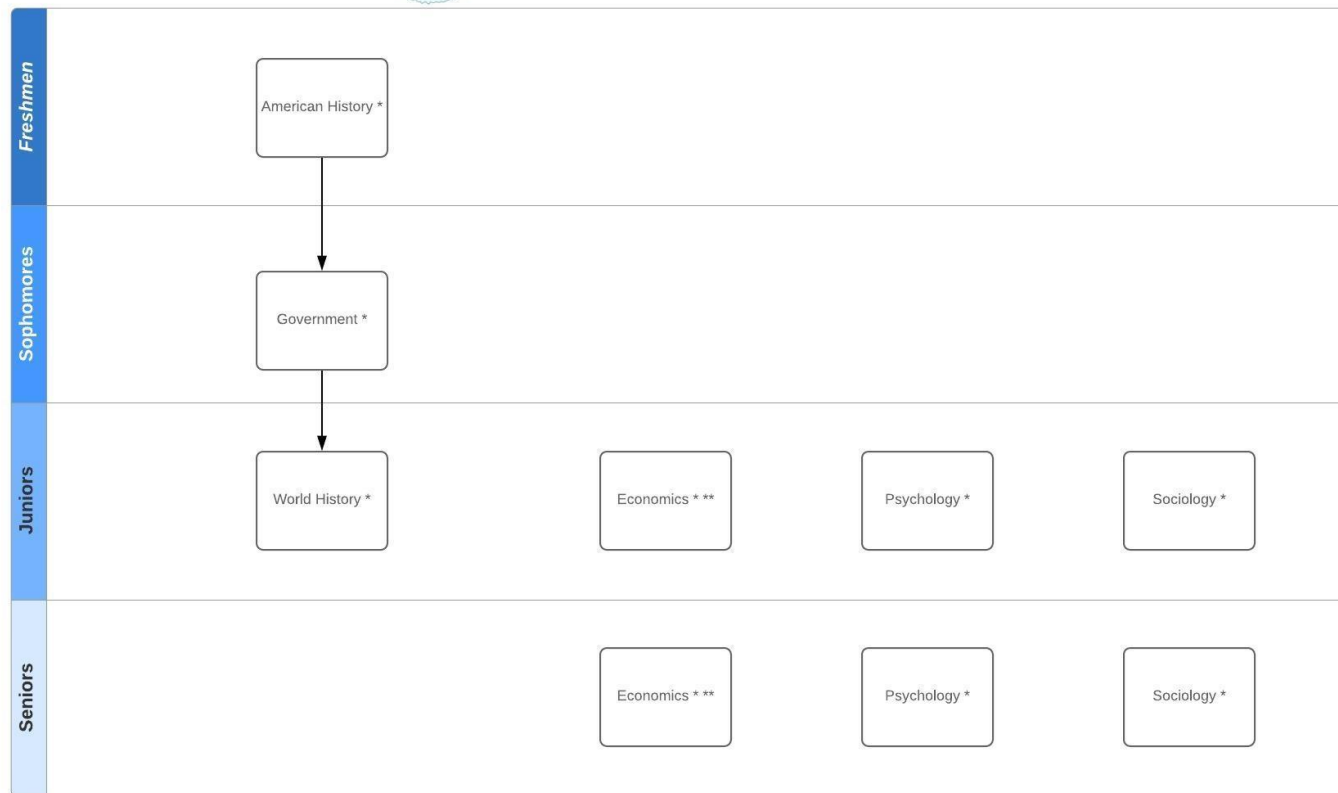
Environment and Society studies the dependency of humans on their natural environment while emphasizing conservation, sustainability, and energy efficiency. The course initially examines the structure and function of ecosystems. The course then examines man's impact upon ecosystems and public health by identifying various sources of air contaminants, water contaminants, and soil contaminants and the composition of municipal and industrial waste. The course concludes with an examination of society's use of and dependency upon energy and the fuels used to generate power and electricity, including fossil fuels, nuclear fuels, and alternative energy sources (solar, wind, hydro, and geothermal). Current writings and events related to the environment are identified and discussed. Public officials and governmental bodies and processes that protect human health and the environment are also examined.

947 LAB AIDE**1/4 CREDIT****GRADES 11,12**

SEMESTER

PREREQUISITE: 4 Science Credits in 3 Years of High School

Lab Aide is designed for a student that has a keen interest in science. The student will help the instructor as a lab aide for a lower level science class, typically Biology or Chemistry. This class is ideal for a student who wants to major in science or education. Grading is on a satisfactory or unsatisfactory basis. The grade will not count in the grade point average.



* NCAA Approved Course

** Required only if you have not earned a 1/2 credit of Personal Finance

970 AMERICAN HISTORY-1876 to present

1 CREDIT

GRADE 9

ALL YEAR

Students were presented American History until 1876 in their eighth grade year. This course will begin as a review of that material and continue to recent events. Students will become acquainted with events that have shaped modern American society, America's role in a changing world, and the current events that will become US history. Emphasis of this course will be the 10th grade level benchmarks/indicators.

963 AMERICAN GOVERNMENT

1 CREDIT

GRADE 10

ALL YEAR

American Government is a course designed to give the students working knowledge of the American government. The introduction will cover the history of government and how the United States developed its current system. Lengthy emphasis will be placed on the three branches of US government at the national level. Smaller units on the election process, comparing the US government and economic style to that of other nations, and a study of state and local government will follow. Special emphasis on current events as well as the standards put forth by the Ohio Department of Education will be included.

960 WORLD HISTORY**1 CREDIT****GRADE 11***ALL YEAR*

The first semester of this course examines events from 1600 to 1920. It explores the impact of the democratic and industrial revolutions, the ideas that led to independence movements, and the forces that led to world domination by the European powers and the build up to World War I. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions. The second semester of this course examines events from 1920 to present. It explores the impact of the wars that changed empires and the effects of global interdependence. As well as the impact of different politics on the world. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

964 PSYCHOLOGY**1/2 CREDIT****GRADES 11,12***SEMESTER*

This is an introductory course in the general principles and concepts of psychology. The course is designed to provide an overview of the major topics and concepts and to help the students understand the practical application of these concepts for daily living.

965 SOCIOLOGY**1/2 CREDIT****GRADES 11,12***SEMESTER*

Students will be introduced to the basic principles of sociology and be given the opportunity to relate these principles to their everyday life. Major topics will include: culture, social controls, human behavior, family and crime.

971 ECONOMICS**1/2 CREDIT****GRADES 11,12***SEMESTER*

REQUIRED IF YOU DID NOT RECEIVE CREDIT IN PERSONAL FINANCE.

This course is intended to address the Amended Substitute SB 311 requirement. The following Benchmark: Explain the use of a budget in making personal economic decisions and planning for the future will be completed. Additionally, the following Grade Level Indicators will be addressed: Explain why incomes will differ in the labor market depending on supply and demand for skills, abilities and education levels, explain the role of individual in the economy as producers, consumers, savers, workers and investors, explain the consequences of economic choices made by individuals and the tools which they use to manage their financial resources including: budgets, savings, investments, credit and philanthropy. Lastly, explain how interest rates affect savers and borrowers.

SOCIAL EMOTIONAL LEARNING

980 PEER CONNECTION**1 CREDIT****GRADE 12***ALL YEAR*

PREREQUISITE: An approved application form.

This senior leadership course focuses on developing personal connections and relationships with other students to create a positive school culture, build self-esteem, promote leadership, and foster academic success. Students benefit from a close peer role model who understands the academic demands and complexity of the high school setting. As a course requirement, seniors will serve as mentors for freshmen and new students to assist them with the transition to Bath High School.

APOLLO CAREER CENTER

ADMISSIONS REQUIREMENTS:

All applicants must meet the following general admission requirements:

Unconditional Admittance:

A minimum of eight (8) total credits in academic courses required by the State of Ohio for a high school diploma (commonly known as the Ohio Core), consisting of: Two (2) English credits, two (2) Math credits, one (1) Science credit, one (1) Social Studies credit, and two (2) additional state required courses.

Summer school credits earned after the end of the tenth grade count towards admittance, as long as the local school records the credit on the student transcript no later than one week before the opening of the Apollo high school year.

COLLEGE CREDIT: Students may want to take advantage of CCP classes and attend Apollo Career Center for a program. Students can obtain cost-free college credit through articulation agreements with many colleges, and Technical Credit Transfers are also available through Apollo programs. This gives students a head start if they choose to go on to college after graduation. Students can decide what is best for them, whether it is going right to work or continuing their education after high school graduation.

CREDENTIALS & CERTIFICATIONS: In addition to receiving college credit for Apollo programs, certifications and credentials can be earned. The industry recognized credentials vary by program. Some industry credentials can be earned in a first year of a program and in a second year of a program. For more information, please visit www.apollocareercenter.com.

ADMISSION STANDARDS: Students need: 2 credits English, 2 credits math, 1 credit science, 1 credit social studies and two additional state required courses for graduation.

Apollo offers 20 programs for high school students in which students earn 3 credits for their program. (Students also earn academic credits at Apollo.)

Automotive Collision Technology

Automotive Technology

Building and Renovations

Carpentry

Computer Information Support

Construction & Equipment Technology

Cosmetology

Culinary Arts

Early Childhood Education

Electrical Systems Technology

Fire/EMS Technology

Health Science

HVAC

Multimedia Technology

Print & Graphics

Robotics/CNC Technology

Spa & Esthetics Technology (Seniors Only)

Sports Fitness & Exercise Science

Welding and Fabrication

COUNSELOR RECOMMENDED PROGRAMS

Career Explorations – Sophomores only (4 Credits-minimum)