



# 2020-2021 CURRICULUM GUIDE

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# Ohio's High School Graduation Requirements Classes of 2021 and 2022



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 between **July 1, 2017** and **June 30, 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.

## 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.

You have the option to show you are ready by meeting the **original three graduation pathways** below that were available when you entered high school.

## Show you are ready

Use at least one pathway to show that you are ready for college or a job.

### 1. Ohio's State Tests

Earn at least 18 points on seven end-of-course state tests. End-of-course tests are:

- Algebra I or Integrated Math I**
- Geometry or Integrated Math II**
- American Government**
- American History**
- English I**
- English II**
- Biology**

Each test score earns you up to five graduation points. You must have a minimum of four points in math, four points in English and six points across science and social studies. Your school and district receive grades on the Ohio School Report Cards for all students' scores and participation on state tests.

OR

### 2. Industry credential and workforce readiness

Earn a minimum of 12 points by receiving a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and earn the required score on WorkKeys, a work-readiness test. The state of Ohio will pay one time for you to take the WorkKeys test.

OR

### 3. College and career readiness tests

Earn remediation-free scores in mathematics and English language arts on either the ACT or SAT.

The Ohio Department of Higher Education works with Ohio's universities to set the remediation-free scores for the ACT and SAT tests. Periodically, for a variety of reasons, these scores may be adjusted. For all high school juniors, the remediation-free scores set by Feb. 1 of their junior year will be used to meet their graduation requirement. The most up-to-date information regarding remediation-free scores can be found on the Department's graduation requirements webpage.

OR

(see reverse side)

You can meet **new requirements** by demonstrating competency and readiness for a job, college, military or a self-sustaining profession.

## 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 options 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.

## AND

## 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:**

- |   |  |
|---|--|
| <input type="checkbox"/> OhioMeansJobs Readiness Seal (Ohio)        | <input type="checkbox"/> Honors Diploma Seal (Ohio)            |
| <input type="checkbox"/> Industry-Recognized Credential Seal (Ohio) | <input type="checkbox"/> Seal of Biliteracy (Ohio)             |
| <input type="checkbox"/> College-Ready Seal (Ohio)                  | <input type="checkbox"/> Technology Seal (Ohio)                |
| <input type="checkbox"/> Military Enlistment Seal (Ohio)            | <input type="checkbox"/> Community Service Seal (Local)        |
| <input type="checkbox"/> Citizenship Seal (Ohio)                    | <input type="checkbox"/> Fine and Performing Arts Seal (Local) |
| <input type="checkbox"/> Science Seal (Ohio)                        | <input type="checkbox"/> Student Engagement Seal (Local)       |

**Want to learn more?** Contact your school counselor or visit [education.ohio.gov/graduation](http://education.ohio.gov/graduation)

# 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](https://education.ohio.gov/graduation)



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
<b>Math</b>	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 <sup>4</sup>	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
<b>Science</b>	3 units	4 units, including two units of advanced science <sup>2</sup>	4 units, biology, chemistry, and at least one additional advanced science <sup>2</sup>	4 units, including two units of advanced science <sup>2</sup>	5 units, including two units of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>	3 units, including one unit of advanced science <sup>2</sup>
<b>Social Studies</b>	3 units	4 units	4 units	4 units	3 units	3 units	5 units
<b>World Languages</b>	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
<b>Fine Arts</b>	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
<b>Electives</b>	5 units	N/A	N/A	4 units of Career-Technical minimum <sup>3</sup>	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
<b>GPA</b>	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
<b>ACT/SAT/WorkKeys<sup>1</sup></b>	N/A	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup> /WorkKeys (6 Reading for Information & 6 Applied Mathematics) <sup>7</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>	27 ACT/1280 SAT <sup>8</sup>
<b>Field Experience</b>	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>	Complete a field experience and document the experience in a portfolio specific to the student's area of focus <sup>5</sup>
<b>Portfolio</b>	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 <sup>6</sup>	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 <sup>6</sup>	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 <sup>6</sup>	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 <sup>6</sup>	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 <sup>6</sup>
<b>Additional Assessments</b>	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

**NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas**

## **GRADE CLASSIFICATION**

SOPHOMORES = 5 CREDITS

JUNIORS = 10 CREDITS

SENIORS = 15 CREDITS

## **COURSE CHANGES**

The courses selected will determine the master schedule of classes for the next year. **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.

Changes will be considered for the following reasons only:

1. **LACK OF REQUIRED SUBJECT OR PREREQUISITES:** This would include subjects which are necessary to meet graduation requirements.
2. **PROCEDURAL ERRORS:** Omission of a required class and/or credits for graduation, when submitting your online course requests.
3. **SUMMER SCHOOL:** Students who complete a course for which they are scheduled will be permitted to substitute another class for that course only.

## **EARLY GRADUATION**

Bath High School requires twenty (20) units of credit for graduation. These credits may be completed in six (3 years) or seven (3-1/2 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 3-1/2 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 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 or either semester with a maximum of 30 semester hours per year. Complete information regarding this program will be available to parents Wednesday, February 19, 2020 at 6:30 P.M. (Auditorium) All signed CC + forms due on or before April 1<sup>st</sup>.

## **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 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.

## **FLEXIBLE CREDIT**

Students interested in earning credit through the "Credit Flexibility Option" must submit a written plan proposal, signed by a parent/guardian, by March 30<sup>th</sup> in the school year prior to earning the credit(s). Please see your guidance counselor for the required 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 10,11,12**

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***

## **214 COMPUTER LITERACY I**

*SEMESTER*

**PREREQUISITE:** None

This course allows students (referred to as employees) to work with today's most popular Windows based business applications. Employees will complete a minimum of seven levels of software, choosing from The BathPride Company software applications/programs. 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 9,10,11,12**

## **215 COMPUTER LITERACY II**

*SEMESTER*

**PREREQUISITE:** Computer Literacy I

This course concentrates on the more advanced levels of the software used in Computer Literacy I. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. Each employee works independently from the others 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 9,10,11,12**

## **216 COMPUTER LITERACY III**

*SEMESTER*

**PREREQUISITE:** Computer Literacy II

This course concentrates on the more advanced levels of the software used in Computer Literacy II. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. Each employee works independently from the others 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 10,11,12**

## **217 COMPUTER LITERACY IV**

*SEMESTER*

**PREREQUISITE:** Computer Literacy III

This course concentrates on the more advanced levels of the software used in Computer Literacy III. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 10,11,12**

## **218 COMPUTER LITERACY V**

*SEMESTER*

**PREREQUISITE:** Computer Literacy IV

This course concentrates on the more advanced levels of the software used in Computer Literacy IV. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 10,11,12**

## **219 COMPUTER LITERACY VI**

*SEMESTER*

**PREREQUISITE:** Computer Literacy V

This course concentrates on the more advanced levels of the software used in Computer Literacy V. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. 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 from the BathPride Company concept.

**1/2 CREDIT**

FEE: \$10.00

**GRADES 10,11,12**

**230 COMPUTER LITERACY VII**

SEMESTER

**1/2 CREDIT**

FEE: \$10.00

**GRADES 11,12****PREREQUISITE:** Computer Literacy VI

This course concentrates on the more advanced levels of the software used in Computer Literacy VI. Employees will work on projects for the school and community, when available. Individual course levels can be developed with director approval. 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 from the BathPride Company concept.

**231 COMPUTER LITERACY VIII**

SEMESTER

**1/2 CREDIT**

FEE: \$10.00

**GRADE 12****PREREQUISITE:** Computer Literacy VII and Permission from Instructor

This course concentrates on the more advanced levels of the software used in Computer Literacy VII. Employees will work on projects for school and community, when available. Individual course levels can be developed with director approval. 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 from the BathPride Company concept.

**236 COMPUTER LITERACY XIII-FRESHMEN YEARBOOK**2<sup>ND</sup> SEMESTER ONLY**1/2 CREDIT**

FEE: \$10.00

**GRADE 9****PREREQUISITE:** Freshman Status

This course is for freshmen only during their second semester to help with the yearbook. The student will work through the Yearbook Introduction Course in Computer Literacy. 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. **An application must be filled out and signed by Mr. Wilkerson before signing up for the class. Only 2 applicants will be selected each year.**

**237 COMPUTER LITERACY IX-SOPHOMORE YEARBOOK**2<sup>ND</sup> SEMESTER ONLY**1/2 CREDIT**

FEE: \$10.00

**GRADE 10****PREREQUISITE:** Sophomore Status

This course is for sophomores only during their second semester to help with the yearbook. The student will work through the Yearbook Introduction Course in Computer Literacy. 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. **An application must be filled out and signed by Mr. Wilkerson before signing up for the class. Only 2 applicants will be selected each year.**

**232 COMPUTER LITERACY IX-JR. YEARBOOK**

ALL YEAR

**1 CREDIT**

FEE: \$20.00

**GRADE 11****PREREQUISITE:** Junior Status

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.

**233 COMPUTER LITERACY X-SR. YEARBOOK**

ALL YEAR

**1 CREDIT**

FEE: \$20.00

**GRADE 12****PREREQUISITE:** Senior Status

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**

**1 CREDIT**  
FEE: \$20.00

**GRADE 11**

ALL YEAR

**PREREQUISITE:** Junior Status

*"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 filled out and signed by Mr. Gomez before signing up for the class.**

This is a course within Computer Literacy 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.

**235 COMPUTER LITERACY XII**  
**SR. THE PAW PRINT NEWS**

**1 CREDIT**  
FEE: \$20.00

**GRADE 12**

ALL YEAR

**PREREQUISITE:** Senior Status

*"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 filled out and signed by Mr. Gomez before signing up for the class.**

This is a course within Computer Literacy 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.

**COMPUTER LITERACY PROGRAMS**

Microsoft Word	Adobe Photoshop Elements	Keyboarding	Game Design
Microsoft Excel	Adobe Photoshop	Microsoft Outlook	Database Applications
Microsoft PowerPoint	Adobe InDesign	K'Nex	Spreadsheet Applications
Microsoft Access	Adobe Dreamweaver	3D Printing	Software Applications
Microsoft Publisher	Adobe Illustrator	Raspberry Pi	Keyboarding I
Google Docs	Programming	Solar Panel	

**240 COMPUTERIZED ACCOUNTING I**

**1 CREDIT**

ALL YEAR

FEE: \$26.00

This course introduces the basic fundamentals of manual and computerized accounting procedures that are common to all business operations. The course will aid the students in preparing for office employment and in setting up their own personal accounting records. Students will gain experience working with accounts receivable and accounts payable ledgers, various journals, financial statements, checking accounts, and payroll records. College-bound students that are looking for a career in a very rewarding profession should consider Accounting. Students taking Accounting I should have a good background in basic Math.

**241 COMPUTERIZED ACCOUNTING II**

**1 CREDIT**

ALL YEAR

FEE: \$27.00

**PREREQUISITE:** Accounting I

Accounting II will allow students to continue learning about the basic fundamentals of manual and computerized Accounting. This course introduces Adjustments and Valuation for a Merchandising Business including: Uncollectible Accounts, Depreciation, Inventory, and Interest. Accounting II will also introduce Accounting for Partnerships and Recording International and Internet Sales. Along with these advanced Accounting procedures, students will be introduced to basic fundamentals of business.

### **AOT 1500 — Computer Presentation Software**

*3 Credit hours*

Introduces Microsoft PowerPoint, a software program that helps you organize and present information to an audience. It allows you to enhance your presentation with pictures, charts, sound and video via black-and-white or color overhead transparencies, 35 mm slides, audience handouts, speaker notes, outline pages and computer-based slide presentations.

### **AOT 1650 — Word Processing Software**

*3 Credit hours*

Introduces the student to Microsoft Word, word processing software package. The student will be able to create, format, save and print Word documents. Other topics covered are using customized features, moving text within and between documents, adding special features to documents and enhancing the visual display of documents with graphic features.

### **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 1850 — Webpage Layout and Design**

*3 Credit hours*

Introduces student to the software Dreamweaver. This course is intended to expose the student to the concepts of developing and displaying web pages using hypertext markup language (HTML) editors for visually designing and managing websites and pages in a professional environment. The course will introduce the student to the features of Dreamweaver with a series of explanations, examples, exercises and projects that develop the skills needed to develop attractive and effective web pages and create, organize and manage websites. Students will learn to use tables, layers, frames, style sheets, behaviors and forms.

### **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.**

## **RHODES STATE COLLEGE CERTIFICATION CURRICULUM**

### **Digital Media Technology Certification Curriculum (Rhodes State College)**

The following courses need to be completed to earn a Digital Media Technology Certificate throughout your high school career. The certificate is issued through Rhodes State College. Most courses can be completed at Bath High School.

***\*Denotes courses offered at Bath High School***

\*CPT 1050 Tech Basics for IT Pro (3 Credit Hours)

CPT 1120 Introduction to VB Programming (3 Credit Hours)

\*CPT 1250 Computer Applications in the Workplace (3 Credit Hours)

\*CPT 1580 Introduction to Graphic Design and Layout (3 Credit Hours)

\*CPT 1850 Webpage Layout and Design (3 Credit Hours)

CPT 2350 Database Programming (3 Credit Hours)

\*CPT 2650 Creating & Editing Digital Image (3 Credit Hours)

\*CPT 2670 Graphics Software and Applications (3 Credit Hours)

### **Video & Graphic Specialist Certification Curriculum (Rhodes State College)**

The following courses need to be completed to earn a Video & Graphic Specialist Certificate throughout your high school career. The certificate is issued through Rhodes State College. Most courses can be completed at Bath High School.

***\*Denotes courses offered at Bath High School***

\*CPT 1050 Tech Basics for IT Pro (3 Credit Hours)

CPT 1120 Introduction to VB Programming (3 Credit Hours)

\*CPT 1580 Introduction to Graphic Design and Layout (3 Credit Hours)

\*CPT 1850 Webpage Layout and Design (3 Credit Hours)

CPT 2110 Introduction to Programming – COBOL (3 Credit Hours)

\*CPT 2650 Creating & Editing Digital Image (3 Credit Hours)

\*CPT 2670 Graphics Software and Applications (3 Credit Hours)

EET 2320 C# Programming (3 Credit Hours)

## Pre-Gaming Design Certification Curriculum (Rhodes State College)

The following courses need to be completed to earn a Pre-Gaming Design Certificate throughout your high school career. The certificate is issued through Rhodes State College. Most courses can be completed at Bath High School.

*\*Denotes courses offered at Bath High School*

- \*CPT 1050 Tech Basics for IT Pro (3 Credit Hours)
- \*CPT 1250 Computer Applications in the Workplace (3 Credit Hours)
- \*CPT 1580 Introduction to Graphic Design and layout (3 Credit Hours)
- \*CPT 2650 Creating & Editing Digital Image (3 Credit Hours)
- \*CPT 2670 Graphics Software and Applications (3 Credit Hours)

## **CAREER EDUCATION**

**703 PERSONAL FINANCE & CAREER EXPLORATION**      **1/2 CREDIT**      **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.*

**704 CAREER AWARENESS TRAINING A (CAT)**      **1 CREDIT**      **GRADE 12**  
*1<sup>st</sup> SEMESTER*      FEE: TBD

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.

**705 CAREER AWARENESS TRAINING B (CAT)**      **1 CREDIT**      **GRADE 12**  
*2<sup>nd</sup> SEMESTER*      FEE: TBD

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.

## **CBI**

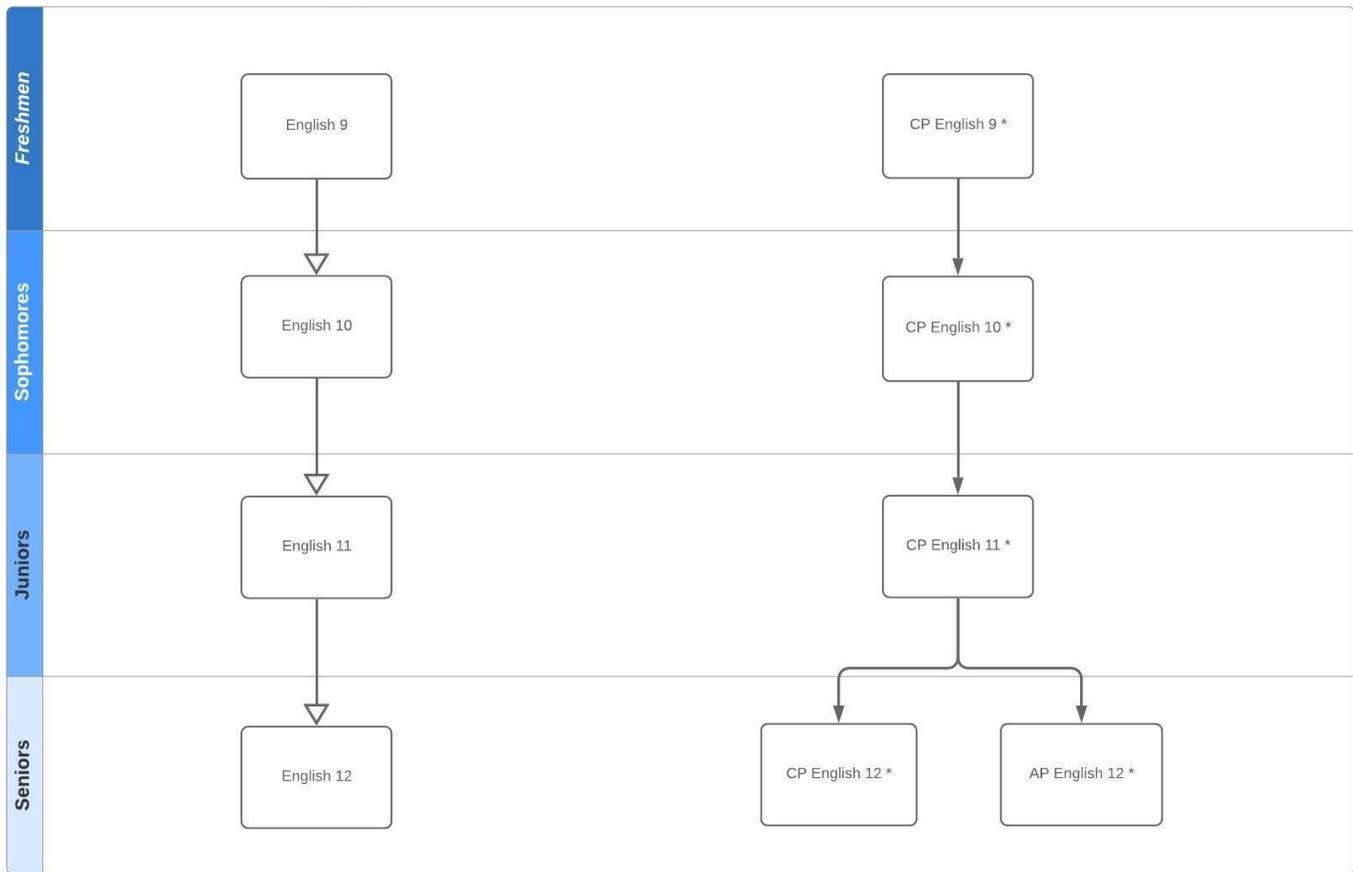
**710 CAREER BASED INTERVENTION RELATED**      **1 CREDIT**      **GRADES 11,12**  
*ALL YEAR*      FEE: \$25.00

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**      **3 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 5<sup>th</sup>, 6<sup>th</sup> and 7<sup>th</sup> period and will NOT be permitted to take other classes during this time.



\* 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.

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 \$85.00 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.

**329 GREAT WORKS****1/2 CREDIT****GRADES 11, 12**

SEMESTER

FEE: TBD

This course is a yearlong senior level English elective. Students will read literature from a variety of genres in American, British, and World Literature. Some of the famous works include Truman Capote's famous non-fiction novel, *In Cold Blood*, and Ken Kesey's modern classic, *One Flew Over the Cuckoo's Nest*. This course will require a research project in which students present data from an author study; but the course will also include creative writing, artistic media projects, and in-class essays. Students who enjoy reading and engaging in discussion will find Great Works to be a rewarding experience. As this course is an elective, students must be enrolled in four English classes to fulfill the graduation requirement.

**330 PUBLIC SPEAKING****1/2 CREDIT****GRADES 11, 12**

SEMESTER

FEE: TBD

This course is designed for the students that have the desire to improve their public speaking and communication skills. We will dive into different types of communication such as verbal, nonverbal messages, listening and evaluating, interpersonal relationships, communicating person to person, and other practical speaking instruments. We will work to eliminate the fear of public speaking as well as the nervous outcomes by giving various types of speeches in class. The various types of speeches will be written and then presented orally with emphasis on grammar, structure, mechanics, audience, delivery, organization, and purpose. As this course is an elective, students must be enrolled in four English classes to fulfill the graduation requirement.

**331 CREATIVE WRITING****1/2 CREDIT****GRADES 10,11, 12**

SEMESTER

FEE: TBD

This course will teach techniques for expressive writing and explore imaginative uses of language through creative genres (ex: fiction, poetry, literary nonfiction, etc.). There will be a strong emphasis on the student's own unique style and preferred subject matter, while broadening knowledge of the elements of craft and of incorporating elements of creative composition. Peer reviews and sharing ideas are essential elements to this course and a love of art, writing, and originality are preferred. As this course is an elective, students must be enrolled in four English classes to fulfill the graduation requirement.

*Priority will be given to upperclassmen.*

# ***ENGINEERING & ROBOTICS***

## **706 INTRODUCTION TO ENGINEERING**

**1/2 CREDIT**

**GRADES 10,11,12**

*SEMESTER*

FEE: TBD

This course will expose students to major concepts in engineering. Topics include mechanics, energy, statics, materials and kinematics. Students will explore various technology systems and manufacturing processes help students learn how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. Other topics covered include thermodynamics, fluid systems, electrical systems, control systems, statics and strengths of materials, material testing, engineering reliability, and kinematics. Students acquire knowledge and skills in engineering problem solving and explore requirements for careers in engineering.

## **707 ROBOTICS**

**1/2 CREDIT**

**GRADES 10,11,12**

*SEMESTER*

FEE: TBD

This is an introductory robotics course where students begin by learning about engineering and engineering problem solving. Students will be introduced to the design and modeling process. Utilizing this design approach students will create models and use documentation to solve problems. They learn about structures, energy transfer, machine automation, and computer programming. This course gives students hands -on overview of many different mechanisms that are used within machines and robotics systems. Students will learn about mechanical systems, energy transfer, machine automation, and robotics while building real world models.

## **708 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.

**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****HUM 1601 — 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****HUM 1602 — American Sign Language II****RHODES STATE COLLEGE***3 Credit hours***PREREQUISITE:** HUM 1601.

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****HUM 1603 — American Sign Language III****RHODES STATE COLLEGE***3 Credit hours***Prerequisites:** HUM 1601, HUM 1602.

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 NOT PASSED IN 8<sup>TH</sup> 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.

**501 PHYSICAL EDUCATION****1/4 CREDIT****GRADES 9,10***SEMESTER*

Physical education meets every day for one semester. Two semesters are required for graduation. Regulation gym clothes and active participation are required. Grading is on a satisfactory or unsatisfactory basis. 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.

**503 STATE TESTED NURSING ASSISTANT (STNA)****1/2 CREDIT****GRADE 12**

SEMESTER

FEE: TBD

**PREREQUISITE:** 16 years of age or older

The Nurse Aide Training Program is a 76-hour course that includes 60 hours of classroom lecture with hands-on training in the lab and 16 hours of clinical experience. The clinical hours are off site and conducted in a long-term care facility. These hours will be assigned within the first weeks of class and are in addition to the classroom hours posted. The curriculum includes: Infection control, communication and interpersonal skills, safety and emergency procedures, resident's rights, promoting residents' independence, basic nursing skills, restorative services, personal care skills, mental health and social service needs. Upon successful completion of the program and passing the required exam, the student will be a prepared nurse aide, equipped to provide hands on personal and basic nursing care to patients under the supervision of a licensed nurse.

**504A STRENGTH & CONDITIONING****1/2 CREDIT****GRADES 10,11,12***1<sup>st</sup> SEMESTER*

FEE: TBD

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.

**504B STRENGTH & CONDITIONING****1/2 CREDIT****GRADES 10,11,12***2<sup>nd</sup> SEMESTER*

FEE: TBD

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.

**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. This course will prepare students to handle life emergencies that people do not see coming and possibly save a 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.

# **INDUSTRIAL TECHNOLOGY DEPARTMENT**

## **700 INDUSTRIAL TECH I**

ALL YEAR

**1 CREDIT**

LAB FEE: \$50.00

**GRADES 9,10,11,12**

**PREREQUISITE:** Counselor recommendation

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**

ALL YEAR

**1 CREDIT**

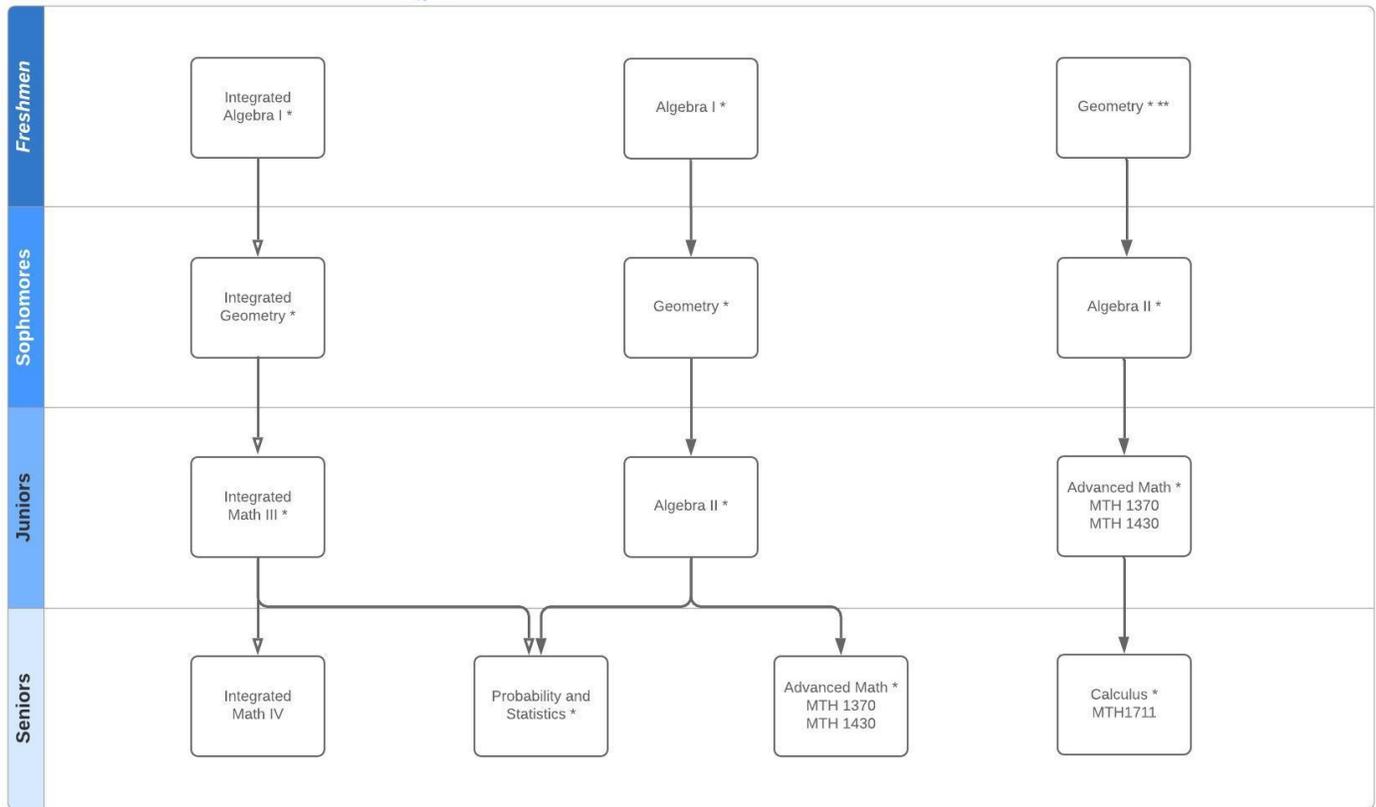
LAB FEE: \$50.00

**GRADES 10,11,12**

PLUS students must purchase their own wood and materials

**PREREQUISITE:** Must receive a passing grade in Industrial Tech I. **Teacher recommendation is needed.**

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.



\*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.

### **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, 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.

**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.**

**813 INTEGRATED MATH III**

**1 CREDIT**

**GRADES 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.**

**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.**

**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.

**OR**

**MTH 1370 — College Algebra**

**RHODES STATE COLLEGE**

4 Credit hours

**Prerequisites:** MTH 0904 (with a "C" or better) or placement.

**Co-requisite:** MTH 1430

Covers equations and inequalities, complex numbers, graphs and equations of lines, functions including quadratic functions and composite functions, inverse functions, polynomial and rational functions, the Fundamental Theorem of Algebra, exponential and logarithmic functions, systems of equations and inequalities, conic sections, and sequences and series.

**AND**

**MTH 1430 — Trigonometry**

**RHODES STATE COLLEGE**

3 Credit hours

**Prerequisites:** MTH 1370 (with a grade of "C" or better) or placement.

**Co-requisite:** MTH 1370

Concentrates on the development and use of the trigonometric functions with additional study of vectors. The course will cover trigonometric functions, solving right and oblique triangles, graphs of trigonometric functions, identities, trigonometric equations, inverse trigonometric functions, complex numbers, polar coordinates and graphs, and vectors.

**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.

**OR****MTH 1711 — Calculus I****RHODES STATE COLLEGE***5 Credit hours***Prerequisites:** MTH 1370, MTH 1430 (with grade of "C" or better) or placement.

Covers limits including the definition and 1'Hospital's Rule; continuity; derivatives including the transcendental functions; applications of derivatives including related rate, curve sketching, and optimization problems; introduction to integration; Fundamental Theorem of Calculus; and applications to area and volumes.

**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.

**OR****MTH 1260 — STATISTICS****RHODES STATE COLLEGE***3 Credit hours*

Covers data collection, frequency distribution, graphs, measures, confidence levels, hypothesis testing, analysis of variance, and correlation and regression analysis. Transfer: TM.

**815 Integrated IV****1 CREDIT****GRADE 12***ALL YEAR*

This course will enable students to display, describe, transform and interpret numerical information represented as data, graphs and equations. A major theme of this course is the use of polynomial, exponential, and trigonometric functions to model real world situations. Graphing calculators/computers will be incorporated throughout the course.

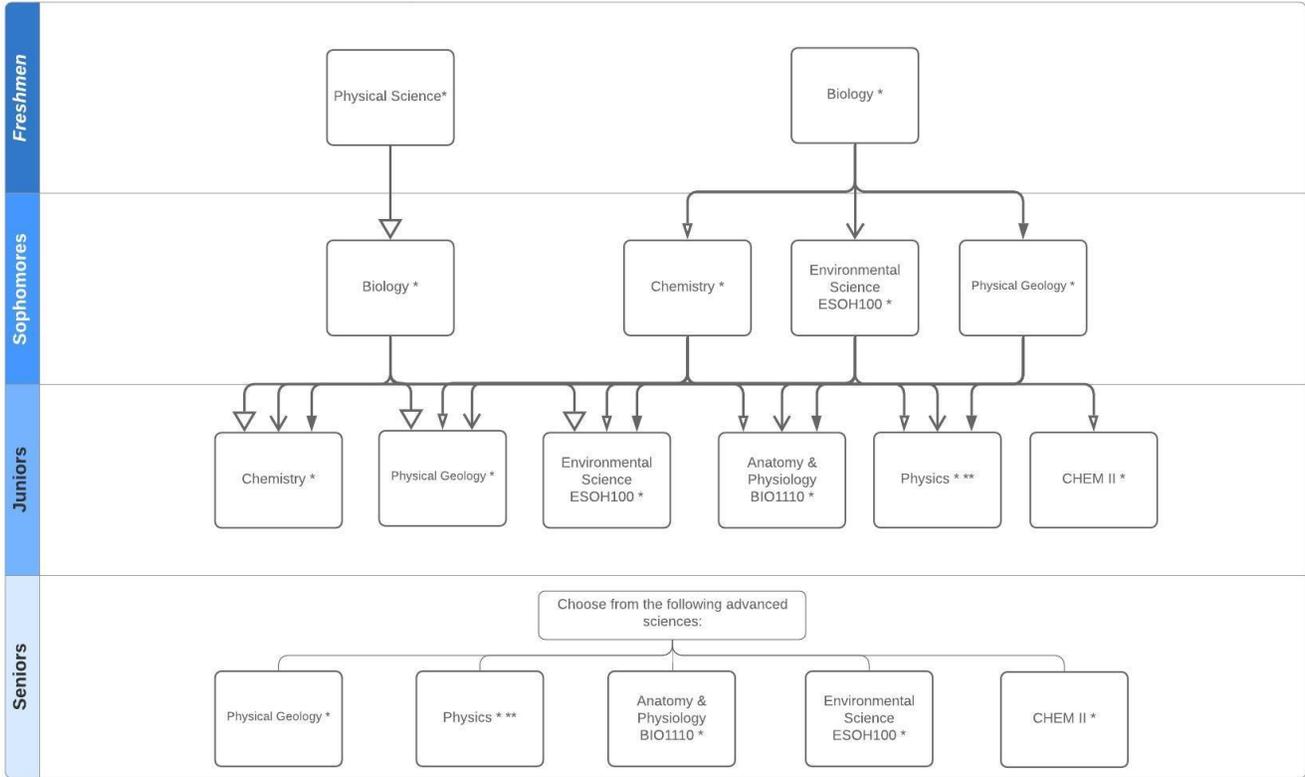
***MUSIC*****900 CONCERT CHOIR****1 CREDIT****GRADES 9,10,11,12***ALL YEAR*

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.

<b>913 CHAMBER CHORALE</b> ALL YEAR	<b><u>1 CREDIT</u></b> FEE: \$15.00	<b>GRADES 9,10,11,12</b>
<b>This choir is open through selective audition to students in grades 9, 10, 11 and 12.</b>		
<b>Attendance at rehearsals and performances is mandatory.</b>		
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.		
<b>905 SHOW CHOIR</b> ALL YEAR	<b><u>1/2 CREDIT</u></b> FEE: \$15.00	<b>GRADES 9,10,11,12</b>
<b>Attendance at rehearsals and performances is mandatory.</b>		
<b>You must be a member of the choir program and have the approval of the director.</b>		
This "early bird" choir class meets Tuesday, Wednesday, 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.		
<b>901 BAND</b> ALL YEAR	<b><u>1 CREDIT</u></b> FEE: \$30.00	<b>GRADES 9,10,11,12</b>
<b>Attendance at rehearsals and performances is mandatory.</b>		
<b>Placement in the two concert bands is through individual auditions.</b>		
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.		
<b>906 FLAGS</b> SEMESTER	<b><u>1/2 CREDIT</u></b> FEE: \$30.00	<b>GRADES 9,10,11,12</b>
<b>Attendance at rehearsals and marching band performances is mandatory.</b>		
<b>Membership in the Flag Corp is by audition only.</b> 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.		
<b>912 JAZZ BAND</b> ALL YEAR	<b><u>1/2 CREDIT</u></b>	<b>GRADES 9,10,11,12</b>
<b>You must have permission from the band directors to register for this course.</b>		
<b>Attendance at rehearsals and performances is mandatory.</b>		
This "early bird" class meets Monday, Wednesday and Friday 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.		
<b>903 MUSIC THEORY</b> <b>1<sup>st</sup> semester only</b>	<b><u>1/2 CREDIT</u></b> FEE: \$15.00	<b>GRADES 9,10,11,12</b>
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.		
<b>911 MUSIC APPRECIATION</b> <b>2<sup>nd</sup> semester only</b>	<b><u>1/2 CREDIT</u></b>	<b>GRADES 9,10,11,12</b>
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.		



\* 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.

**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.

**934 CHEMISTRY I**

**1 CREDIT**

**GRADES 10,11,12**

ALL YEAR

FEE: \$10.00

**PREREQUISITE:** Currently enrolled in Biology, or 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.**

**945 CHEMISTRY II**

ALL YEAR

**1 CREDIT**

FEE: \$10.00

**GRADES 11,12****PREREQUISITE:** Chemistry I**Students must achieve at least a "C" average in Chemistry I or have permission of the instructor.**

This is an advanced course for those students interested in furthering their knowledge in the chemical sciences. Students will study topics from Chemistry I in greater depth while adding sections related to organic chemistry, nuclear chemistry and other advanced topics in Chemistry. Students will expand upon the problem-solving skills developed in Chemistry I. Students will also complete numerous inquiry based laboratory experiments during the completion of the course.

**926 PHYSICAL GEOLOGY**

ALL YEAR

**1 CREDIT**

FEE: \$5.00

**GRADES 10,11,12****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.

**936 PHYSICS**

ALL YEAR

**1 CREDIT**

FEE: \$10.00

**GRADES 11,12****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.

**942 ANATOMY AND PHYSIOLOGY**

ALL YEAR

**1 CREDIT**

FEE: \$15.00

**GRADES 11,12****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.

**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 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.

**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.

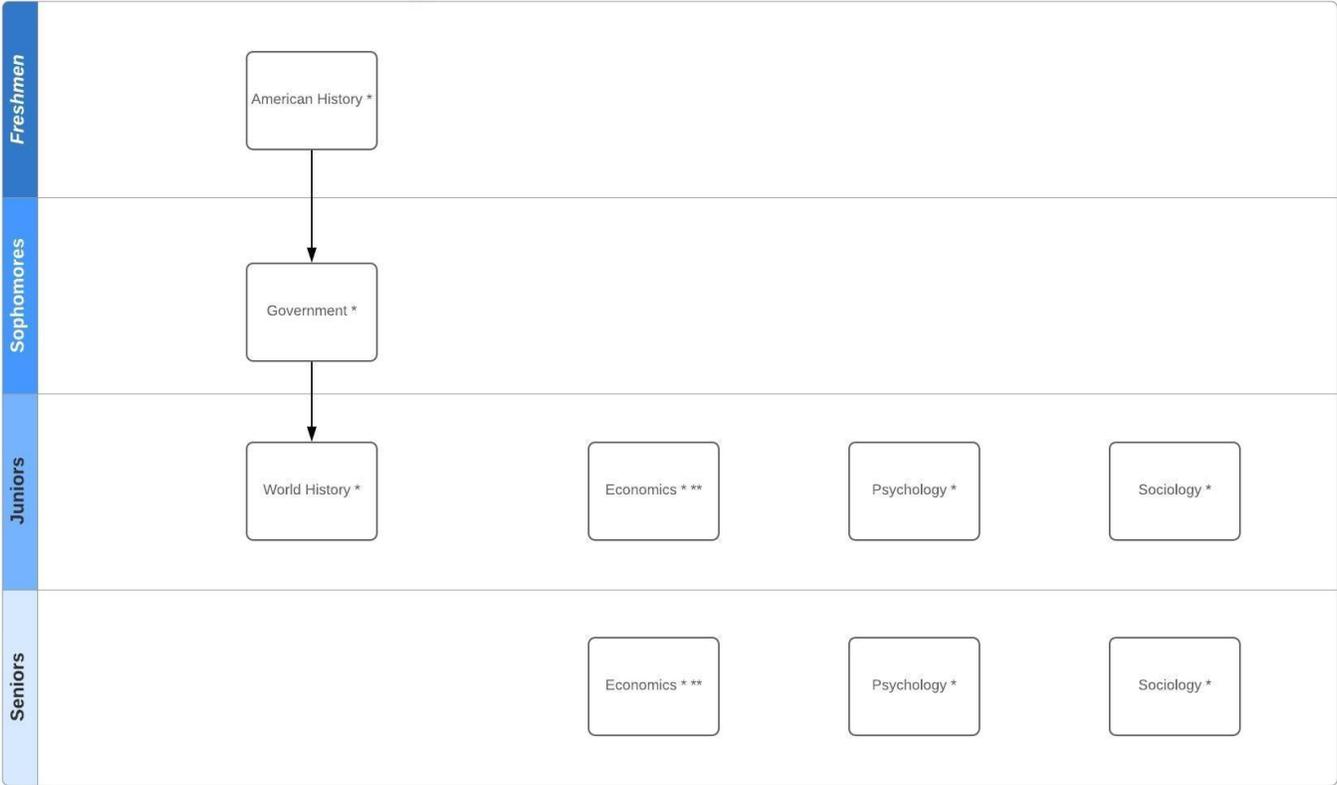
**947 LAB AIDE****1/4 CREDIT****GRADES 11,12***SEMESTER***PREREQUISITE:** 4 Science Credits in 3 Years of High School

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. Student will receive a Pass/Fail grade. The grade does not count in the GPA.

# SOCIAL STUDIES



Social Studies Department  
Bath High School | Curriculum Map



\* 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 10<sup>th</sup> grade level benchmarks/indicators.

**963 AMERICAN GOVERNMENT** **1 CREDIT** **GRADE 10, 11**  
*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 I** **1/2 CREDIT** **GRADE**  
*SEMESTER*

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.

**961 WORLD HISTORY II****1/2 CREDIT****GRADE***SEMESTER*

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.

# **APOLLO CAREER CENTER**

## **ADMISSIONS REQUIREMENTS:**

All applicants must meet individual program criteria in addition to 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.

**TECHNICAL PREPARATION (TECH PREP) PROGRAMS:** All Apollo programs are now Tech Prep, but students can decide what is best for them, whether it is going right to work or continuing their education after high school graduation. These students would enroll in a two or four-year college immediately after graduation realizing that an associate degree (or more) would probably be required for a job in their desired field.

**COLLEGE CREDIT:** Apollo has signed agreements with several colleges which have agreed to grant actual college credit for some courses offered at Apollo in Career Tech programs. This gives students a head start if they choose to go on to college after graduation.

**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 (8 of 16, six defined)

### ***Apollo offers 21 programs for high school students in which students earn 3 credits for their program:***

Automated Manufacturing Technology  
Automotive Collision Technology  
Automotive Technology  
Building and Renovations  
Carpentry  
Computer Information Support  
Construction & Equipment Technology  
Cosmetology  
Culinary Arts

Early Childhood Education  
Electrical Systems Technology  
Firefighting Technology  
Floral Design Interiors  
Health Sciences  
Multimedia Technology  
Print & Graphics  
Spa & Esthetics Technology (Seniors Only) \*\*\*  
Welding and Fabrication

### ***COUNSELOR RECOMMENDED PROGRAMS***

Career Explorations – Sophomores only (4 Credits-minimum)  
Career Based Intervention – Any grade (must have job/transportation)