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# 2019-2020 CURRICULUM GUIDE

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# Earning an Ohio High School Diploma

## Class of 2020

As a student who entered grade 9 between July 1, 2016 and June 30, 2017, you have multiple pathways to earn a high school diploma so that you can move on to your next steps in education or a career.

- You must complete and earn a state minimum of 20 credits in specific subjects. Additionally, you must receive instruction in economics and financial literacy and complete at least two semesters of fine arts. Your district may have more graduation requirements. Your school counselor has this information.
- You must demonstrate what you have learned. There are three pathways in Ohio law.

### **1. Ohio's State Tests**

Earn 18 out of 35 points on seven end-of-course state tests. You can earn up to five points on each test. You need a minimum of four points in math, four points in English language arts and six points across science and social studies.

### **2. Industry-recognized credential and score on workforce readiness test**

Earn an industry-recognized credential or a group of credentials totaling 12 points and earn the required score on the WorkKeys test. Ohio pays for you to take the test one time. Some districts offer the Senior Only program through which you can earn credentials in one school year.

### **3. College and career readiness tests**

Earn remediation-free scores\* in math and English language arts on the ACT or SAT. Your district chooses either the ACT or SAT. You will take a one-time statewide spring test in grade 11 for free.

\*Ohio's university presidents set these scores, which are subject to change.

- If you do not meet any of the above three pathways, Ohio law provides you two additional options to earn a high school diploma. The reverse side of this fact sheet explains them.

# Additional Graduation Options Available for the Class of 2020

Students who entered grade 9 after July 1, 2014, are the first to earn diplomas under the new graduation requirements. In addition to satisfying the high school curriculum requirements, students in Ohio must meet one of [three existing pathways](#) to earn a high school diploma.

To support the transition to new requirements, the General Assembly approved temporary graduation options for students in the class of 2018. **Recent legislation extended additional graduation options to the classes of 2019 and 2020, as provided below.**

**Please note, state law modified the criteria available for the class of 2020 and not all of the original criteria are available to students in the class of 2020.**

The Department expects most students will meet one of the three existing pathways, and districts should continue to work with students, as appropriate, to meet these requirements. These options provide an opportunity for students who do not otherwise meet one of the three existing pathways to graduation to earn a diploma.

The two additional graduation options for the class of 2020 are:

## Option 1

Students entering grade 9 between July 1, 2016, and June 30, 2017, are eligible to utilize the modified graduation options below. Students must take and pass courses that constitute the curriculum requirements and take all seven end-of-course exams. If the student receives a score of “1” or “2” on any math or English language arts test, the student must retake the test at least once.

**Additionally, you must meet [at least two](#) of the below requirements:**

- Earn a GPA of 2.5 on a 4.0 scale in all courses completed **during the 11th and 12th grades** (must complete at least four full-year – or equivalent – courses in each year);
- Complete a capstone project during 12th grade that meets criteria defined by Ohio Department of Education guidance and evaluation processes (**guidance available by May 31, 2019**);
- During 12th grade, complete a work or community service experience totaling 120 hours, as defined by the Ohio Department of Education and Governor’s Office for Workforce Transformation (**guidance available by May 31, 2019**);
- Earn three or more [College Credit Plus](#) credits at any time during high school;
- Earn credit for an Advanced Placement (AP) or International Baccalaureate (IB) course and earn an AP exam score of 3 or higher or IB exam score of 4 or higher at any time during high school;
- Earn a WorkKeys exam score of 3 on each of three test sections;
- Earn a State Board-approved [industry-recognized credential](#) or credentials that equal at least three points;
- [Meet OhioMeansJobs Readiness Seal requirements](#).

## Option 2

Students must take and pass courses that constitute the curriculum requirements and take all seven end-of-course exams. Students must finish a career-technical program that includes at least four courses in a single career pathway and complete **at least one** of the options below:

- Earn a total score of Proficient or better based on all career technical exams or test modules;
- Earn an industry-recognized credential or credentials that equal 12 points;
- Complete a workplace experience totaling 250 hours with evidence of positive evaluations.

### QUESTIONS?

If you have questions about graduation requirements, call (614) 466-1317 or send an email to [gradrequirements@education.ohio.gov](mailto:gradrequirements@education.ohio.gov)



Talk to your school counselor early in the school year about your path to graduation and your future success.

December 2018



# Earning an Ohio High School Diploma

## Graduation Requirements for 2021 and Beyond

*There is no one-size-fits-all way to graduate. Ohio gives you several pathways to qualify for a high school diploma. Choose the way that works best for you!*

To earn a high school diploma in Ohio, you must complete the courses shown below and then choose a pathway on the right to show that you are ready for college or a job. Here's what you need to do to graduate. Your school counselor will give you more details.

### Complete Courses

Take and earn a state minimum of 20 credits in specific subjects.

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 must also 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.

More information about graduation pathways is at [education.ohio.gov](http://education.ohio.gov), search *graduation requirements*. Then, talk to your school counselor.

### Show That You Are Ready

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

#### Ohio's State Tests

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

<b>Algebra I or Integrated Math I</b>	<b>English I</b>
<b>Geometry or Integrated Math II</b>	<b>English II</b>
<b>American Government</b>	<b>Biology</b>
<b>American History</b>	

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 the state tests.

OR

#### 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

#### 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. 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.

# Earn at least 18 points on seven end-of-course state tests

## END-OF-COURSE EXAMS ARE:

- Algebra I and geometry or integrated math I and II
- Biology (or Physical Science for the class of 2018 only)
- American history and American government
- English I and English II

For each of the seven end-of-course state tests, a student earns one to five graduation points. Students have the potential to earn a total of 35 points. To meet this graduation pathway, a student must earn a minimum number of 18 points from the seven tests.

This graduation pathway gives a student flexibility in accumulating 18 points. A high score on one test can balance a low score on another test. A student must earn a total of at least four points on English tests, four points on math tests and six points on science and social studies tests.

<u>PERFORMANCE LEVEL</u>	<u>GRADUATION POINTS</u>
<b>Advanced</b>	5
<b>Accelerated</b>	4
<b>Proficient</b>	3
<b>Basic</b>	2
<b>Limited</b>	1

## Students may earn graduation points through approved substitute tests

- College Credit Plus (CCP) courses or approved AP/IB tests, in the subject area, will satisfy the end-of-course graduation test requirement for American history, American government, physical science (class of 2018 only) and biology. The college course grade earned under College Credit Plus or AP/IB test score may earn graduation points in place of the end-of-course tests as provided here.
- It is important to note, while students can earn graduation points for CCP coursework and AP/IB test scores in biology, all schools must administer the biology end-of-course tests to all students in order to satisfy federal testing requirements. CCP students may use their course grade and AP/IB students may use their test scores OR the biology end-of-course test score to earn graduation points, whichever is higher. A student completing a CCP course in American history or American government will not need to sit for the end-of-course tests in the subject area and may earn graduation points based on the letter grade in the course.
- There are no CCP/AP/IB substitutions for mathematics or English language arts. Students may use math and English language arts CCP/AP/IB courses to satisfy the graduation curriculum requirements. But schools must administer the end-of-course tests to students to earn graduation points.

## GRADUATION POINTS FOR COURSE GRADES PRIOR TO JULY 1, 2015

- The student is in the Graduating Classes of 2018 and beyond. (This is not applicable to students choosing the new OGT options.)
- The student received credit on their transcript for a course taken prior to July 1, 2015.
- The course didn't have a state end-of-course test available at the time the student was enrolled in the course.
- The student will receive graduation points based on the course grade.<sup>3</sup>



1 - The following table converts Advanced Placement and International Baccalaureate test scores to graduation points for valid courses. This applies only to American history, American government and science. There are no permitted substitutions for English language arts and mathematics.

<u>AP AND IB CROSSWALK TO GRADUATION POINTS</u>		
<u>ADVANCED PLACEMENT</u>	<u>INTERNATIONAL BACCALAUREATE</u>	<u>GRADUATION POINTS</u>
4 or 5	6 or 7	5
3	4 or 5	4
2	2 or 3	3
Not applicable	Not applicable	2
1	1	1

The Ohio State Board of education approved the following AP and IB substitute tests:

PHYSICAL SCIENCE

- Advanced Placement Physics 1: Algebra-based (only the class of 2018)
- Advanced Placement Physics 2: Algebra-based (only the class of 2018)
- International Baccalaureate Physics Standard Level (only the class of 2018)
- International Baccalaureate Physics Higher Level (only the class of 2018)

BIOLOGY

- Advanced Placement Biology
- International Baccalaureate Biology

AMERICAN HISTORY

- Advanced Placement United States History
- International Baccalaureate History – Route Two – including study of the history of the Americas

AMERICAN GOVERNMENT

- Advanced Placement United States Government and Politics
  - International Baccalaureate Global Politics
- 2 - The following table is to be used to convert College Credit Plus grades to graduation points for valid courses. This applies only to American history, American government and science. There are no permitted substitutions for English language arts and mathematics.

<u>COLLEGE CREDIT PLUS COURSE GRADE</u> <u>(SOCIAL STUDIES AND SCIENCE SUBSTITUTE</u> <u>COURSES)</u>	<u>OHIO GRADUATION POINTS</u>
A or B	5
C	4
D	3
Not applicable	2
Not applicable	1
F – Fail or drop the course	0

3 - The following conversion chart should be used to determine the number of graduation points a student will receive based on the grade the student receives for high school courses prior to end-of-course tests being available. (This is not applicable to students choosing the new OGT options.)

<u>HIGH SCHOOL GRADE</u>	<u>OHIO GRADUATION POINTS</u>
A	5
B	4
C Earned Credit or Passed Course	3
D	2
Not applicable	1

<u>THE FOLLOWING PROVIDES THE DATES WHEN END OF COURSE TESTS WERE AVAILABLE</u> <u>FOR THE FIRST TIME</u>		
Fall 2014	Spring 2015	Fall 2015
Algebra I	Physical Science	Biology
Geometry	American History	
English Language Arts I	American Government	
English Language Arts II	Integrated Math I & II	

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# College and Career Readiness Test

One of the pathways that students may use to meet the test requirement for graduation is a college and career readiness test. The two tests that meet this pathway are the ACT and SAT. Colleges and universities use the ACT and SAT to determine student readiness for the rigors of higher education. These institutions generally expect that students who earn "remediation-free" scores will be able to succeed in their college courses.

The Ohio Department of Higher Education works with Ohio universities to set the remediation-free scores for the ACT and SAT. Periodically, for a variety of reasons, these scores may be adjusted. State law requires the Ohio Department of Education to use the ACT and SAT remediation-free scores to meet the graduation requirements of the college and career readiness test pathway.

The Ohio Department of Education will communicate the remediation-free scores needed to meet the graduation requirement in spring of the students' junior (grade 11) year before they take the state-sponsored test. 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. Any changes after Feb. 1 each year will affect only future groups of students.

Students must earn "remediation-free" scores in each of the three subscore areas, two in English language arts and one in mathematics.

## What are the remediation-free scores?

SUBJECT		ACT		SAT TAKEN PRIOR TO MARCH 1, 2016		SAT TAKEN AFTER MARCH 1, 2016		
English Language Arts	English subscore of 18 (or higher)			Writing 430 (or higher)		Evidence-Based Reading and Writing (EBRW) 480 (or higher)		
	Entered high school prior to July 1, 2014, reading subscore of 21 (or higher)			Reading 450 (or higher)				
	Entered high school after July 1, 2014, reading subscore of 22 (or higher)							
Mathematics		Mathematics subscore of 22 (or higher)			Mathematics 520 (or higher)		Mathematics 530 (or higher)	

Each student may use the highest score in each subscore from multiple administrations of a test to meet the student's graduation requirement pathway. This would include the state-funded administration, which all Ohio students will take in the spring of their junior year and additional attempts that students take and fund through non-state resources during their academic careers.

Students who meet the remediation-free scores in all three subscore areas under a single test will meet the requirements for graduation under this pathway. These students will receive Ohio diplomas upon completion of the curriculum requirements.

As part of the state and federal reporting requirements, districts are required to submit student scores for the following state end-of-course tests: geometry or math II, English language arts II, biology, American history and American government. Therefore, districts do need to administer these tests to all students.

**Statewide Administration** Districts will select either the ACT or SAT to administer each school year. Here is more information about the state-funded administration of [ACT](#) and [SAT](#).

# Industry-Recognized Credentials and WorkKeys

Earning an [industry-recognized credential](#) and a [WorkKeys score](#) of 13 is [one of three pathways](#) to earn a high school diploma. When students earn industry-recognized credentials, schools and districts get credit on Ohio Report Cards for their success in preparing students for careers. | [Watch the Credential Graduation Pathway webcast](#) (Dec. 7, 2016)

## What's in it for students?

The process of earning an industry-recognized credential (and career-technical education in general) allows students to experience education through work, about work and for work. Students learn more deeply by practicing and applying their knowledge through work and employment experiences – learning through work. They learn about workplace expectations in terms of professional or “soft” skills needed for employment, as well as learning about career pathways and what the labor market for particular occupations looks like – learning about work. And, they learn the job-specific skills they will need to perform day-to-day tasks – learning for work.

## What's in it for schools?

Schools get credit in the Prepared for Success measure on the report card for students who earn approved industry-recognized credentials or groups of credentials. Including industry credentials in this component places an emphasis on the career readiness of students.

## What's in it for businesses and communities?

Finding, hiring and retaining high-quality employees is a monumental task. Industry-recognized credentials help employers validate the knowledge and skills of potential employees and saves valuable time in assessing the skills of job applicants.

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# Complete Courses and Requirements

To earn a high school diploma in Ohio, you must complete the courses shown below and then [choose a pathway to show that you are ready for college or a job](#). Your school counselor will give you more details.

## Complete Courses

Take and earn a state minimum of 20 credits in specific subjects.

Courses	State Minimum
English Language Arts	4 credits
Health	½ credit
Mathematics	4 credits <sup>1</sup>
Physical Education	½ credit <sup>2</sup>
Science	3 credits <sup>3</sup>
Social Studies	3 credits <sup>4</sup>
<a href="#">Electives</a>	5 credits <sup>5</sup>

## Other Requirements

You also must receive instruction in economics and financial literacy<sup>6</sup> and complete at least two semesters of fine arts<sup>6</sup>.

**Your district may require more than 20 credits to graduate.**

**1 Mathematics** units must include one unit of algebra II or the equivalent of algebra II. Exceptions: a) Algebra II is not a requirement for students following a [career-technical pathway](#). However, students still must have four units in mathematics, and b) A family may decide that their child is not prepared to meet the graduation requirement for a higher level math course. Or, their child may be planning a career that does not require higher level math. Algebra II may not be a requirement for this student. [Here](#) is more information on Curriculum Choices.

**2 Physical Education** - School districts may adopt a policy that would exempt students who participate in interscholastic athletics, marching band or cheerleading for two full seasons or an approved Junior Reserve Officer Training Corps (JROTC) program for two years from the physical education requirement. Students must take another course, which cannot be a physical education course, of at least 60 contact hours.

**3 Science** units must include one unit of physical sciences, one unit of life sciences and one unit of advanced study in one or more of the following sciences: chemistry, physics or other physical science; advanced biology or other life science; astronomy, physical geology or other earth or space science. Exception: A family may decide that their student is not prepared to meet the graduation requirement for a higher level science course. Or, their student maybe planning a career that does not require higher level science. Higher level science may not be a requirement for this student. [Here](#) is more information on Curriculum Choices.

**4 Social Studies** units must include ½ unit of American history and ½ unit of American government in three units required for the classes of 2018 and 2019. The class of 2021 will need ½ unit in world history and civilizations in their required three units as well as American history and American government.

**5 Elective credits** must include one or any combination of foreign language, fine arts, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.

**6 Other state requirements** - All students must receive instruction in economics and financial literacy during grades 9-12 and must complete at least two semesters of fine arts taken any time in grades 7-12. Fine arts is not a requirement for students following a career-technical pathway.

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# Academic Honors Diploma

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Academic Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, which are [here](#) for the class of 2017 and [here](#) for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for honors diplomas.

ACADEMIC HONORS DIPLOMA	
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher

## Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

**Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

**Social Studies** – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

**Fine Arts** – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**ACT and SAT score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included.

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## Career Tech Honors Diploma

High school students can gain state recognition for exceeding Ohio's graduation requirements through a Career-Tech Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, which are [here](#) for the class of 2017 and [here](#) for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for honors diplomas.

CAREER-TECH HONORS DIPLOMA	
Math	4 units
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	2 units of one world language
Electives	4 units of career-technical courses
GPA	3.5 on a 4.0 scale
ACT/SAT/WorkKeys	ACT: 27 or higher/SAT: 1280 or higher/WorkKeys: 6 or higher on Reading for Information and 6 or higher on Applied Mathematics
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.
Portfolio	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.
Additional Assessments	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.

### Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area teach or co-teach the courses used for an honors diploma.

**Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for college freshman-level science classes, such as anatomy, botany or astronomy).

**Social Studies** – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages do fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

**Electives** – Students must complete four units of career-technical education courses. Contact your school for more information on available career-technical education electives.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**ACT/SAT/WorkKeys score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included. Students using WorkKeys to satisfy this assessment requirement must earn a 6 or higher on both the Applied Mathematics and Reading for Information sections of WorkKeys.

**Field Experience** - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study.

Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience.](#)

**Portfolio** - Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts. [Click here for more detailed guidance on the portfolio criterion.](#)

**Additional Assessments** – Students must earn an approved industry-recognized credential or achieve a proficiency benchmark for the appropriate Ohio Career-Technical Competency Assessment or equivalent. More information on industry-recognized credentials is located on the [Department's website](#).

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## STEM Honors Diploma

High school students can gain state recognition for exceeding Ohio's graduation requirements through a STEM Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, which are [here](#) for the class of 2017 and [here](#) for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for honors diplomas.

## STEM HONORS DIPLOMA

Math	5 units
Science	5 units, including 2 units of advanced science
Social Studies	3 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	2 units with a focus in STEM
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	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

## Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

**Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content. Students can meet the math criterion for the STEM Honors Diploma through successful completion of coursework that contains content equivalent to five units.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy). Students can meet the science criterion for the STEM Honors Diploma through successful completion of coursework that contains content equivalent to five units, with two of the five units being in advanced science.

**Social Studies** – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

**Electives** – Courses labeled as STEM must include opportunities for project- and problem-based learning through the application of science, technology, engineering and mathematics. If used for mathematics credit, a single



computer programming course may simultaneously fulfill the requirements for the fifth mathematics credit and a STEM elective. Use of one course to meet two criteria also may occur for STEM courses that align with science.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**Fine Arts** – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

**ACT and SAT score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included

**Field Experience** - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience](#).

## Arts Honors Diploma

High school students can gain state recognition for exceeding Ohio's graduation requirements through an Arts Honors Diploma. Dance, drama/theatre, music and visual art are areas of study in which students can earn Arts Honors Diplomas. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, which are [here](#) for the class of 2017 and [here](#) for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for honors diplomas.

<b><u>ARTS HONORS DIPLOMA</u></b>	
Math	4 units
Science	3 units, including 1 unit of advanced science
Social Studies	3 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	4 units
Electives	2 units with a focus in fine arts
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	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

## Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students also can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

**Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

**Social Studies** – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements.

If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

**Fine Arts** – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses and electives with a focus in fine arts.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**ACT and SAT score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included.

**Field Experience** - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience.](#)

**Portfolio** - Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts. [Click here for more detailed guidance on the portfolio criterion.](#)

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# Social Science and Civic Engagement Honors Diploma

High school students can gain state recognition for exceeding Ohio's graduation requirements through a Social Studies and Civic Engagement Honors Diploma. High-level coursework, college and career readiness tests and real-world experiences challenge students.

Students must meet **all but one** of the following criteria, unless it is a minimum graduation requirement, which can be found [here](#) for the class of 2017 and [here](#) for the classes of 2018 and beyond. Students must meet general graduation requirements to qualify for honors diplomas.

SOCIAL SCIENCE AND CIVIC ENGAGEMENT HONORS DIPLOMA	
Math	4 units
Science	3 units, including 1 unit of advanced science
Social Studies	5 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	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

## Guidance

To be eligible, students must complete units, or credits, in specific subjects (see above chart). They can use Advanced Placement, International Baccalaureate, [College Credit Plus](#) and [Credit Flexibility](#) coursework to meet the unit requirements of an honors diploma. A single course can meet multiple criteria if it fits under multiple subject areas.

Students can design their own independent study courses. This requires that someone with proper licensure in the subject area must teach or co-teach the courses used for an honors diploma.

**Math** – Students must take algebra I, geometry, algebra II (or equivalent), and one other higher level course OR a four-course sequence that contains equivalent or higher content.

**Science** – Advanced science refers to courses that are inquiry based with laboratory experiences. They must align with the grades 11/12 standards (or above) or with an Advanced Placement science course or entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany or astronomy).

**Social Studies** – Students may get credit for both an American history course and/or the Advanced Placement or International Baccalaureate American history course (same for government and world history). If a district counts

financial literacy as a social studies course, students can use it as an elective to meet the requirement. If the district counts financial literacy as a family consumer science or business education elective, it does not count.

**World Language** – Only credits from courses that are sequential and proficiency based (e.g., Spanish levels I, II, III or German I and II and French I and II) fulfill the honors diploma requirement. Sequential classical (e.g., Latin, Ancient Greek) and visual (e.g., American Sign Language) languages DO fulfill the honors diploma requirement. No units from language courses coded as “Foreign Language Exploratory” can count toward the honors diploma requirement. No units from culture-based courses can count toward the honors diploma requirements. If a student opts to complete this criterion by taking *two units each of two world languages studied*, a student must complete a total of four world language units. This means two sequential, proficiency-based units in two different languages.

**Fine Arts** – Courses taken in middle school may meet the general graduation requirement of two semesters of fine arts, but a course must count for high school credit (be high school level work or above) to count for the honors diploma. Dance, drama/theatre, music and visual art courses all count as fine arts courses.

**Electives** – If an environmental studies course includes a strong civic component (e.g., work with local groups for stream monitoring and present findings to city council), students may petition their districts to use the course for a focus in civics.

**GPA** – GPAs must be calculated on an unweighted 4.0 scale.

**ACT and SAT score requirements** – Students must have scores of 27 or higher on the ACT or 1280 or higher on the 2016 SAT or their equivalents on previous or future versions of the tests. The score for SAT was updated due to the new SAT exam. For students who took the SAT before March 1, 2016, concordance tables can be found [here](#), and further information can be found on the [College Board's website](#). The ACT writing and SAT essay sections are not included.

**Field Experience** - To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented. [Click here for more detailed guidance on field experience](#).

**Portfolio** - Work that is contained in a portfolio documents the student's extensive knowledge and technical, critical-thinking and creative skills (representative of the student's honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts. [Click here for more detailed guidance on the portfolio criterion](#).

# OHIO MEANS JOBS CAREER READINESS SEAL



Ohio high school students now can earn recognition by showing they are prepared to contribute to the workplace and their communities. The OhioMeansJobs-Readiness Seal is a formal designation students can earn on their high school diplomas and transcripts indicating they have the personal strengths, strong work ethic and professional experience that businesses need.

To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate certain professional skills required for success in the workplace. Students work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community.

The OhioMeansJobs-Readiness Seal is available for the graduating classes of 2018 and beyond and will be printed directly on Ohio diplomas and transcripts.

## Requirements for Earning an Ohio Seal of Biliteracy

To determine student eligibility to earn an Ohio Seal of Biliteracy, the answer must be an unqualified “Yes” to **all** the following questions:

### 1. Is the student eligible to earn a high school diploma?

*Qualifiers:*

- a. Is the student currently a senior or a junior in good standing within 15 months of graduating?
- b. Does the student attend a school that is officially participating in the state’s Seal of Biliteracy program – or – is he or she an eligible home-schooled student?

### 2. Has the student met one of the English language arts proficiency requirements for earning a Seal of Biliteracy? *Qualifiers:*

- a. Earned a proficient level or higher on Ohio’s required state tests for high school English language arts I and II; or
- b. Earned a remediation-free score on the English and reading sections of the ACT or SAT; or
- c. Earned a proficient level or higher on an Ohio Department of Education-approved alternative assessment (TerraNova or Iowa Test); or
- d. Earned a score of proficient or higher on the 9-12 Ohio English Language Proficiency Assessment (OELPA).

### 3. Has the student satisfied one of the foreign language proficiency requirements for earning a Seal of Biliteracy?

*Qualifiers:*

- a. Passed an Advanced Placement (AP) foreign language examination with a score of 4 or higher; or
- b. Passed an International Baccalaureate (IB) foreign language examination with a score of 5 or higher on the Higher Level exam or a score of 6 or higher on the Standard Level exam; or
- c. Attained a score of Intermediate High or higher in comprehension, speaking, reading and writing the foreign language based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines found at [actfl.org/](http://actfl.org/), using assessments approved by the Ohio Department of Education; or
- d. Qualified for proficiency-based credits through Ohio’s credit flexibility program and attained a score of Intermediate High or higher in comprehension, speaking, reading and writing based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines using assessments approved by the Ohio Department of Education; or
- e. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpersonal signing, presentational signing and demonstrating understanding of American Sign Language on an American Sign Language assessment approved by the Ohio Department of Education; or
- f. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpretive reading and presentational writing on a classical language assessment approved by the Ohio Department of Education.

January 2018

## **GRADE CLASSIFICATION**

SOPHOMORE = 5 CREDITS

JUNIOR = 10 CREDITS

SENIOR = 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.

## **SPECIAL NOTE: Instrumental & Vocal Music**

Four (4) credits in music will count toward the credits required for Graduation.

All other credits will count over and above the required mark.

## **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.

Two units are to be earned during the freshman and sophomore years.

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 6, 2019 at 7:00 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; up to 4 credits in summer school; 2 credits by correspondence courses, however, only a total of six 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.

## **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.

## **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 recommended that students take six courses each semester.



## **ARTICULATION AGREEMENT/COLLEGE CREDIT PLUS (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.

## **REQUIRED COURSES FOR FRESHMEN**

*Students will need to repeat failed classes or attend and pass classes in summer school.*

### **ENGLISH - 1 CREDIT**

ENGLISH 9  
COLLEGE PREP ENGLISH 9

### **HEALTH – 1/2 CREDIT**

***IF NOT PASSED IN 8<sup>TH</sup> GRADE***

### **PHYSICAL EDUCATION – ¼ CREDIT**

OR COMPLETE 2 SEASONS IN A SPORT/BAND

### **MATH - 1 CREDIT**

INTEGRATED ALGEBRA I  
ALGEBRA I  
GEOMETRY I

### **SOCIAL STUDIES – 1 CREDIT**

AMERICAN HISTORY

### **SCIENCE - 1 CREDIT**

GENERAL/PHYSICAL SCIENCE  
BIOLOGY  
NATURAL SCIENCE

**PERSONAL FINANCIAL MANAGEMENT/TEEN SUCCESS as a FRESHMAN  
or ECONOMICS as a JUNIOR or SENIOR**

## **ELECTIVES**

Fundamentals of Art	Band	Concert Choir	Spanish I & II	Computer Literacy I, II
Drawing/Painting I	Jazz Band	Show Choir	SPN 1010	AOT 1500 CPT 1040
Sculpture/Ceramics I	Flags	Music Theory	American Sign Language I	AOT 1650 CPT 1050
CPR & First Aid		Music Appreciation	HUM 1601	MGT 1250 CPT 1250
Principles of Food				CPT 1580 CPT 2650
Industrial Technology I				Computer Lit. XIII YBK

# 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 AND PAINTING V****1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIAL FEES: \$20.00

**PREREQUISITE:** Drawing and 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 AND PAINTING VI****1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIAL FEES: \$20.00

**PREREQUISITE:** Drawing and 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 AND PAINTING VII****1/2 CREDIT****GRADES 11,12**

SEMESTER

MATERIAL FEES: \$20.00

**PREREQUISITE:** Drawing and 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 10,11,12**

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***

To help students become more independent in their learning, thinking, planning, and problem solving, the Business/Technology Department has developed the "BathPride Company" concept. Our emphasis is on independent learning, self-discipline/motivation, problem solving, and mature behavior/attitude. We also stress the "working smart" concept (i.e. making the best possible use of time.)

Students will prepare a weekly plan to efficiently manage their time and resources. In addition, students will be expected to meet BathPride Company lessons/level deadlines. Through lessons and competency levels students will be required to demonstrate the skills and software they have learned. Students will be given **Choice**, will be held **Accountable** for their choices, and will be able to demonstrate **Competency**.

## **214 COMPUTER LITERACY I**

**SEMESTER**

**1/2 CREDIT**

**FEE: \$10.00**

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

**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. **See page 19 for software choices.** 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.

## **215 COMPUTER LITERACY II**

**SEMESTER**

**1/2 CREDIT**

**FEE: \$10.00**

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

**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.

## **216 COMPUTER LITERACY III**

**SEMESTER**

**1/2 CREDIT**

**FEE: \$10.00**

**GRADES 10,11,12**

**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.

## **217 COMPUTER LITERACY IV**

**SEMESTER**

**1/2 CREDIT**

**FEE: \$10.00**

**GRADES 10,11,12**

**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.

**218 COMPUTER LITERACY V****1/2 CREDIT****GRADES 10,11,12***SEMESTER*

FEE: \$10.00

**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.

**219 COMPUTER LITERACY VI****1/2 CREDIT****GRADES 10,11,12***SEMESTER*

FEE: \$10.00

**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.

**230 COMPUTER LITERACY VII****1/2 CREDIT****GRADES 11,12***SEMESTER*

FEE: \$10.00

**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****1/2 CREDIT****GRADE 12***SEMESTER*

FEE: \$10.00

**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****1/2 CREDIT****GRADE 9***2<sup>ND</sup> SEMESTER ONLY*

FEE: \$10.00

**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****1/2 CREDIT****GRADE 10***2<sup>ND</sup> SEMESTER ONLY*

FEE: \$10.00

**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****1 CREDIT****GRADE 11**

ALL YEAR

FEE: \$20.00

**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****1 CREDIT****GRADE 12**

ALL YEAR

FEE: \$20.00

**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****1 CREDIT****GRADE 11****JR. THE PAW PRINT NEWSPAPER**

FEE: \$20.00

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. Self-motivation, a positive attitude, and high standards of achievement are essential in all staff members.

**235 COMPUTER LITERACY XII****1 CREDIT****GRADE 12****SR. THE PAW PRINT NEWSPAPER**

FEE: \$20.00

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. Self-motivation, a positive attitude, and high standards of achievement are essential in all staff members.

## BathPride Company Software

The BathPride Company offers students an opportunity to become proficient on software that will prove beneficial in completing high school and college coursework, satisfying job (and eventually career) related responsibilities, as well as meeting personal and special interest needs. The following represents available areas of study in the BathPride Company:

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

**Students will take courses in the BathPride Company for letter grades. A choice must be made by the end of the second week of the semester, IN WRITING, if you choose to receive an S/U grade instead.**



## ***BathPride Company Specialized Jobs***

The BathPride Company offers students an opportunity to employ the skills learned in the software in a business setting. These specialized jobs will take the skills learned in the software and turn them into real life situations. This intern will better prepare the students for college course work; satisfying job related responsibilities, as well as meet personal and special interest needs. The following represents available jobs in the BathPride Company: Morning Announcements, Webpage Management  
***Students may not take these jobs for a letter grade/grade point average. There are only S/U grades. This does not count towards eligibility.***

### **240 COMPUTERIZED ACCOUNTING I**

**1 CREDIT**

**GRADES 10,11,12**

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**

**GRADES 11,12**

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.

### **242 COMPUTERIZED ACCOUNTING III (Independent Study) 1 CREDIT**

**GRADE 12**

ALL YEAR

FEE: \$27.50

**PREREQUISITE:** Accounting II with a grade of "A" or "B"

**Accounting III is an independent course that requires a student to attain at least a B in Accounting II.**

Students will be introduced to Advanced Computerized Accounting procedures. This course focuses on students who have an interest in studying Accounting at the college level. Topics covered: Departmentalized Accounting, Adjustments and Valuation, Corporation Accounting, Management Accounting, and Manufacturing Cost Accounting.

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

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

*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**

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

*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**

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

*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**

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

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

**MGT 1250 — Team Building****GRADES 9,10,11,12***3 Credit hours*

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

**MGT 2010 — Organizational Behavior****GRADES 10,11,12***3 Credit hours***Prerequisites:** [PSY 1010](#)

Examines the reactions, interactions, attitudes, and activities of individuals and groups within a goal-seeking organization. Includes business communication, motivation, team building, and conflict resolution. Course considers business relationships among supervisors and subordinates, business and its clients and informal groups with emphasis on the development of effective human relations.

## ***RHODES STATE COLLEGE CERTIFICATION CURRICULUM***

### **Team Leadership Certification Curriculum (Rhodes State College)**

The following courses need to be completed to earn a Team Leadership Certificate throughout your high school career. The certificate is issued through Rhodes State College. Most courses can be completed at Bath High School. This certificate prepares students to be leaders in the field of Business.

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

**COM 1110** English Composition (3 Credit Hours)

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

**MGT 1010** Principles of Management (3 Credit Hours)

**\*MGT 1250** Team Building (3 Credit Hours)

**\*MGT 2010** Organizational Behavior (3 Credit Hours) PREREQ = PSY1010

**PSY 1010** General Psychology (3 Credit Hours) **OR**

**SOC 1010** Sociology (3 Credit Hours)

***\*\*In some cases, courses listed above may be substituted with others. To have your coursework evaluated, please contact the Business Department Chair at Rhodes State College.***

### **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)



### **710 CAREER BASED INTERVENTION RELATED**

*ALL YEAR*

**1 CREDIT**

FEE: \$25.00

**GRADES 11,12**

**PREREQUISITE:** Counselor recommendation

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 fund raising activities are also part of the program.

### **711 CBI WORK**

*ALL YEAR*

**3 CREDITS**

**GRADES 11,12**

**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.



### **321 ENGLISH 9**

*ALL YEAR*

**1 CREDIT**

**GRADE 9**

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

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

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

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

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

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

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

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

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

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

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

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

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

This course is designed for college bound seniors who both enjoy the subject of literature and excel in the study of it. Students who complete this course will be encouraged to take the AP English Literature and Composition exam in the spring and may earn multiple college credits based upon the results of this test. The College Board charged \$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 CREDIT****GRADE 12***ALL YEAR*

This course is a year-long 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 English 12, CP English 12, or AP English to fulfill the graduation requirement.

## ***FAMILY AND CONSUMER SCIENCE***

Family Consumer Science = the science and art of teaching career planning, job skills, resource management, time management, nutrition, food preparation, menu planning, parenting, substance abuse, child care and development, healthy living, clothing and textiles, consumer education, decision making, problem solving, human relationships, family development, and anything else that touches the home and heart.

**620 PRINCIPLES OF FOOD (formally Discovering Foods I)****1/2 CREDIT****GRADES 9,10,11,12***SEMESTER*

LAB FEE: \$45.00

In this course, students will gain knowledge in food selection criteria and apply preparation methods to promote a healthy lifestyle. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized.

**622 GLOBAL FOODS** (Formally known as Discovering Foods II) **1/2 CREDIT** **GRADES 10, 11,12**  
**SEMESTER** LAB FEE: \$45.00

**PREREQUISITE:** Discovering Foods I or Principles of Food

In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes,

**618 CHILD DEVELOPMENT** **1/2 CREDIT** **GRADES 10,11,12**  
**SEMESTER** LAB FEE: \$15.00

Provide students with knowledge of how parents and child care providers meet the needs of infants and young children to provide for healthy growth and development. Prominent theories of child psychology will be studied.

**617 PERSONAL FINANCIAL MANAGEMENT/TEEN SUCCESS** **1/2 CREDIT** **GRADE 9**  
**SEMESTER** LAB FEE: \$10.00

**Personal Financial Management taken as a freshmen or Economics as a junior or senior is required for graduation**

This class prepares freshmen for success in high school and beyond. It will cover techniques to improve study skills and test taking to be successful in school. The course also provides students with an understanding of the concepts and principles involved in managing one's personal finances. Topics include saving and investing, credit, insurance, taxes and Social Security, spending patterns and budget planning, contracts and consumer protection.

## ***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.

**SPN 1010 — Beginning Spanish Language I** **GRADES 9,10,11,12**  
**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.



**SPN 1020 — Beginning Spanish Language II****GRADES 10,11,12***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.

**SPN 2010 - Intermediate Spanish Language & Culture I****GRADES 11,12***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.

**HUM 1601 — American Sign Language I****GRADES 9,10,11,12***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.

**HUM 1602 — American Sign Language II****GRADES 10,11***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.

**HUM 1603 — American Sign Language III****GRADES 11,12**

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.

**507 EXERCISE SCIENCE****1/2 CREDIT****GRADES 10,11,12**

SEMESTER

Discusses the assessment process and first meeting with a client including goal setting, risk analysis, health appraisal, assessment selection and interpretation of results. Students will also research special populations such as pregnancy, metabolic disturbances, cardiovascular and respiratory conditions, orthopedic abnormalities and spinal cord injuries. In the lab setting, students will practice various assessment techniques and be introduced to several case studies in which they will run risk assessments and create exercise prescriptions based on individual needs.

**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.

# MATHEMATICS

## **811 INTEGRATED ALGEBRA I**

ALL YEAR

**1 CREDIT**

**GRADE 9**

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**

ALL YEAR

**1 CREDIT**

**GRADES 9,10**

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**

ALL YEAR

**1 CREDIT**

**GRADES 10,11**

**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 10,11,12**

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 11,12**

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 9,10,11**

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.

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**MTH 1370 College Algebra & MTH 1430 Trigonometry****MTH 1370 — College Algebra****Grades 11,12**

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.

**MTH 1430 — Trigonometry****Grades 11,12**

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.

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**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.

**MTH 1711 — Calculus I****GRADE 12**

5 Credit hours

**Prerequisites:** MTH 1370, MTH 1430 (with grade of "C" or better) or placement.

Covers limits including the definition and l'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.

**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.

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

ALL YEAR

FEE: \$15.00

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

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

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

ALL YEAR

FEE: \$15.00

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

This "early bird" choir class meets Tuesday, 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.

**901 BAND**

ALL YEAR

**1 CREDIT**

FEE: \$30.00

**GRADES 9,10,11,12****Attendance at rehearsals and performances is mandatory.****Placement in the two concert bands is through individual auditions.**

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

**906 FLAGS**

SEMESTER

**1/2 CREDIT**

FEE: \$30.00

**GRADES 9,10,11,12****Attendance at rehearsals and marching band performances is mandatory.**

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

**912 JAZZ BAND**

ALL YEAR You must have permission from the band directors to register for this course.

**1/2 CREDIT****GRADES 9,10,11,12****Attendance at rehearsals and performances is mandatory.**

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.

**903 MUSIC THEORY****1<sup>st</sup> semester only****1/2 CREDIT**

FEE: \$15.00

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

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

**911 MUSIC APPRECIATION****2<sup>nd</sup> semester only****1/2 CREDIT****GRADES 9,10,11,12**

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.

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

This course is designed to help students prepare for the American Institute for Research (AIR) Test as well as provide a foundation in physical, life, and earth science. The course work is activity related to allow students the opportunity to use scientific skills and develop problem solving practices. Emphasis of this course will be the 9<sup>th</sup> grade level indicators/benchmarks.

**930 NATURAL SCIENCE****1 CREDIT****GRADES 9,10***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, periodic table, carbon compounds, crystals, fluids, solutions, acids, bases and salts will be covered. The student 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.**

**926 ENVIRONMENTAL SCIENCE****1 CREDIT****GRADES 10,11,12***ALL YEAR*

FEE: \$5.00

**PREREQUISITE:** Natural Science and currently enrolled in Biology, or Biology.

Environmental Science is a College Preparatory science class. It does meet the state requirements for science course work needed for unconditional admission to a university. This class will study topics that deal with the planet earth. It will include topics such as: 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.

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

FEE: \$15.00

**PREREQUISITE:** General/Physical Science, Natural Science, or Instructor Permission \* (Should be completed by the end of Sophomore year) \*Those who wish to take Biology their freshman year need to be academically strong students that will be ready to take the state Biology AIR Test.

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. The course will also include the study of evolutionary patterns and individual forms. The microscope will be an essential tool. Dissection is required. The fee includes dissection guides.

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

FEE: \$10.00

**PREREQUISITE:** Natural Science and 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****1 CREDIT****GRADES 11,12***ALL YEAR*

FEE: \$10.00

**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.

**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/PHYSIOLOGY (BHS)**

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.

**BIO 1110 — Anatomy and Physiology I (RSC)****GRADES 11,12****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**

Laboratories include dissections, physiology experiments and plastic model demonstrations.

**946 ENVIRONMENTAL BIOLOGY**

ALL YEAR

**1 CREDIT**

FEE: \$15.00

**GRADES 10,11,12****PREREQUISITE:** Biology

Environmental Biology is the comprehensive study of living organisms' interaction with the environment. Emphasis is placed on community ecology, population ecology, conservation ecology, and environmental science. Interaction of the individual organism with its environment will include genetic variation due to environmental influences. Students will work in teams. There will be some independent study. Students should be able to manage time.

**ESOH 100 ENVIRONMENT AND SOCIETY (UF)****GRADES 10,11,12***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**

SEMESTER

**1/4 CREDIT****GRADES 11,12****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***

## **960 WORLD HISTORY I**

**1/2 CREDIT**

### ***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**

### ***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.

## **970 AMERICAN HISTORY-1876 to present**

**1 CREDIT**

**GRADE 9,10**

### ***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**

**GRADES 11,12**

### ***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.

## **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 DIDN'T RECEIVE CREDIT IN PERSONAL FINANCIAL MANAGEMENT/TEEN SUCCESS**

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.

## **972 CURRENT EVENTS**

**1/2 CREDIT**

**GRADES 11,12**

### ***SEMESTER***

An elective course designed to give students a broad based knowledge and understanding of events contemporary to their lives. Students will investigate local, state, national, and international newsworthy events and relate them to their own personal experiences. Students will be required to actively participate in classroom discussions and projects. Students will also be required to follow the news while reading newspapers, magazines, and the internet on a daily basis.

# 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.

### Additional Apollo Information on next page

**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:***

Advanced Manufacturing Careers-Robotics/Welding (Seniors Only) \*\*\*  
Automated Manufacturing Technology  
Automotive Collision Technology  
Automotive Technology  
Building and Renovations  
Carpentry  
Computer Information Support  
Construction & Equipment Technology  
Cosmetology  
Culinary Arts

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

### **COUNSELOR RECOMMENDED PROGRAMS**

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