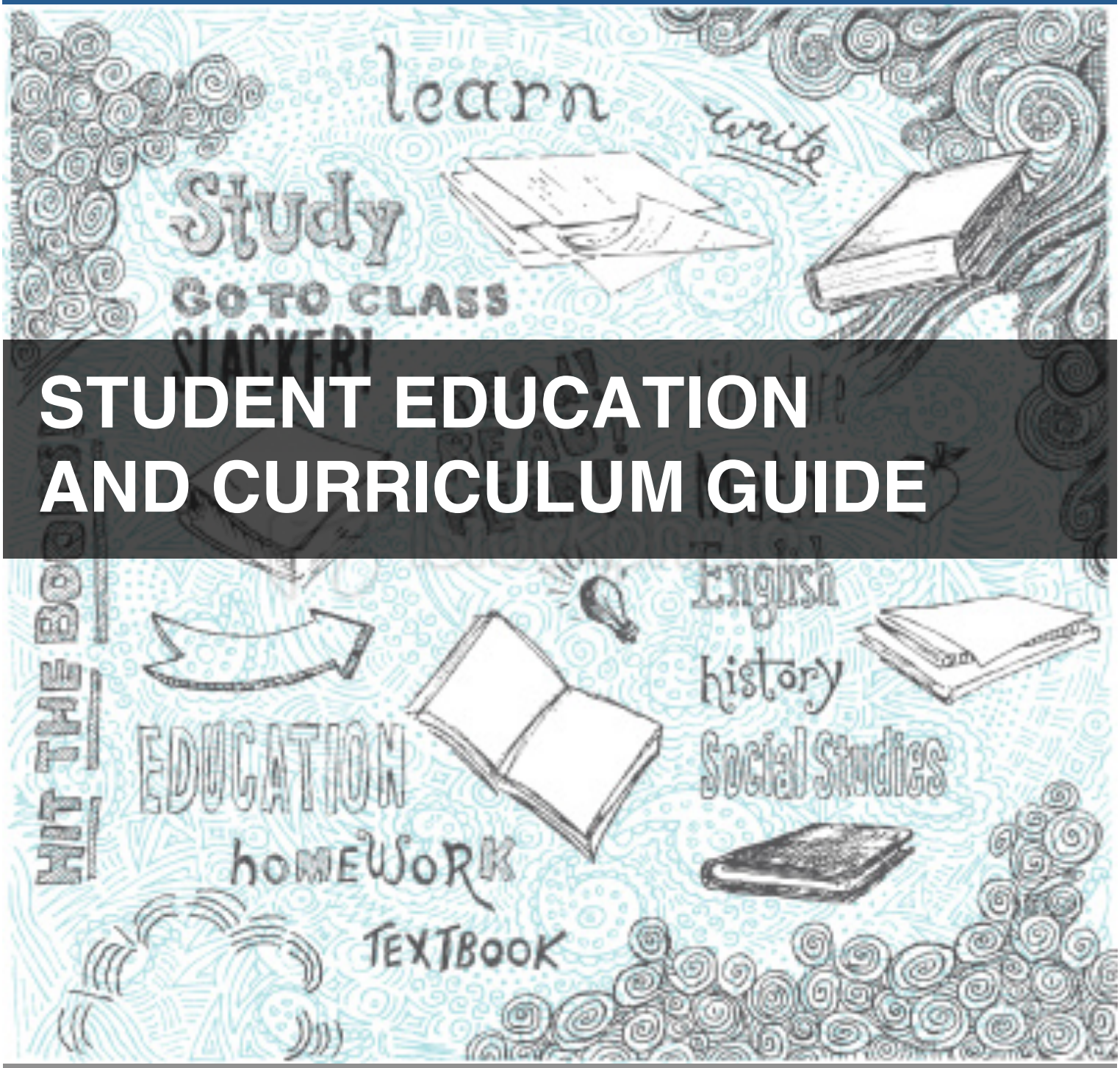

STUDENT EDUCATION AND CURRICULUM GUIDE

ARCHBOLD HIGH SCHOOL
2020-2021

TABLE OF CONTENTS

3 Archbold Area Schools Mission Statement

3 School Counseling Services

4 Scheduling Policies & Procedures

4 Withdrawing from a Course

5 Graduation Requirements for the Class of 2021/2022

6 Graduation Requirements for the Class of 2023+

8 Honors Diploma

9 Early Completion of High School

9 Participation in Graduation Ceremonies

9 Earning Credits
- Grade Point Average & Class Rank
- District-Wide Grading Scale
- Incompletes
- Failures
- Repeating a Course to Improve a Grade

10 Credit Remediation Options

10 Credit Flexibility Option

11 Advanced Placement

11 Senior Work Release

11 College Credit Plus

12 Articulated Agreements

12 Four County Career Center

13 Eligibility for Sports & Extra-Curricular Activities

13 Academic Awards

14 Student Records & Release of Confidential Information

14 College and Career Readiness
- Career Pathways
- College Preparatory Curriculum
- College Tests
- NCAA/NAIA Athletic Eligibility Requirements

16 AHS Course Catalogue
- 16 Agricultural Education
- 17 Art
- 17 Business
- 18 Computer Technology
- 19 English
- 20 Industrial Technology
- 21 Mathematics
- 22 Music
- 23 Physical Education & Health
- 23 Science
- 25 Social Studies
- 26 Spanish

ARCHBOLD AREA SCHOOLS MISSION STATEMENT

The Archbold Area Schools are committed to the pursuit of continuous improvement in the quality of education that stresses teamwork, integrity, the dignity of the individual, and a desire to make a positive difference in the greater community. Through the cooperative efforts of parents, teachers, students, and community members, an environment will be established where students have the opportunity to develop a joy for learning and an appreciation for the principles that will improve their quality of life.

It is the policy of the Archbold Area Schools' Board of Education that no student or employee shall be discriminated against because of gender, race, color, religion, national origin, sexual orientation or physical handicap.

SCHOOL COUNSELING SERVICES

Archbold High School is serviced by two licensed professional school counselors. The school counselors are employed to support the academic, personal/social and career needs of all students and to help ensure all students graduate from high school being college and career ready. The school counselors provide assistance to students and families through a variety of activities, which include:

- Individual counseling
- Course selection and scheduling
- College and career planning services
- Testing and placement
- Coordination with community agencies and referrals
- Transcript and academic records
- Classroom guidance

To learn more about the school counseling program, visit their website at:
http://net.archbold.k12.oh.us/ahs/guidance/AHS_Guidance/index.html

SCHEDULING POLICIES & PROCEDURES

The basis for building a master schedule of course offerings is the consideration of course requests made by students. When students make their course requests, it is understood that their schedule will reflect these choices as best as possible. Students should receive a copy of their intended schedule in May.

Students are encouraged to review their educational goals with their parent/guardian and school counselor in order to tailor their schedule to meet their post-secondary plans. The following will help in selecting an appropriate program of study:

- Be sure to include all the courses necessary to meet graduation requirements.
- Thoroughly review the course descriptions.
- Be realistic about your ability and aptitude when selecting your courses.
- Consider the pre-requisites and recommendations necessary for each course.
- Consider your interests and take courses that will increase your knowledge in these areas.
- Consider entrance requirements of interested post-secondary schools and careers.

Below are specific parameters that must be followed when scheduling courses:

- AHS operates on an eight (8) period day. For seven (7) of those periods, students must be enrolled in a credit-bearing course. Students have the option of filling their additional period with either a study hall or additional credit-bearing course.
- All courses must be taken in the required sequence and meet pre-requisites.
- Students and parents/guardians may NOT request placement with a specific teacher.
- Any deviation from the requirements above must be approved by a school counselor and administration.

Changes to schedules must be made within the first five (5) days of the start of each semester. Students must meet with their school counselor to obtain a *Schedule Change Request Form* that must be signed by impacted teachers and returned prior to changes going into effect. Acceptable reasons for making a schedule change include:

- Academic misplacement (student is in a class that is too easy or difficult)
- Scheduling error on the part of the school
- Adjustments due to course failures/remediation
- Physical or mental impairment that impacts involvement in a course
- Failure to meet pre-requisites required for a given course

Changes to schedules after the five (5) day cut-off will only be made so long as they meet one of the above acceptable reasons and upon approval by administration.

WITHDRAWING FROM A COURSE

Any withdrawal from a course without penalty is not permitted except as defined in the scheduling policies and procedures. Withdrawals made after the first five (5) days of the start of the semester will result in a “Withdrawal Fail” or “WF” for the semester. This grade will appear on the student's transcript and will be figured into the cumulative grade point average and class rank. Only the administration may grant an exception to this rule.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2021/2022

To graduate from Archbold High School, students must meet the following requirements as established by the Board of Education and the Ohio Department of Education. Credits must include the following:

Archbold High School Requirements

- 21 total credits
- 4 credits English
- 4 credits Math (including 1 credit of Algebra 2 or equivalent)
- 3 credits Science (including 1 credit Physical Science, Biology & Advanced Science)*
- 3 credits Social Studies (including 1 credit Global Studies, US Studies & American Government)
- 0.5 credits Physical Education
- 0.5 credits Health
- 0.5 credits Economics**
- 5.5 credits Electives
- Fine Arts Requirement***
- Financial Literacy Requirement****

* Advanced Science includes Chemistry, Physics, Environmental Science, Anatomy or other approved science beyond Physical Science and Biology.
** FCCC students are exempt from the Economics credit requirement.
*** Fine Art Requirement may be met anytime between grades 7-12.
**** Financial Literacy Requirement is met through Economics at AHS and Government at FCCC.

State Testing Requirements

Students will have four options for meeting their assessment requirement needed to graduate. The three options are outlined below.

1. **Earn a cumulative passing score on seven end-of-course exams:** Students will take a series of end-of-course exams and will earn "graduation points". Exams will be taken in *Algebra I, Geometry, ELA I, ELA II, Biology, American History and American Government*. Students will earn a score of 1 through 5 on each exam and must score a total of 18 graduation points. Of those 18 points, 4 points must come from English, 4 points from Math and 6 points from Science/Social Studies. Students will take these exams at the end of the year in which they take the course and will have an opportunity to retake exams if needed.
2. **Earn a "remediation free" score on a nationally recognized college admission exam:** All students will take the ACT free-of-charge during the spring of their junior year. Students must score at a remediation free level as determined by the Ohio Department of Higher Education to meet this requirement. The current remediation-free scores are: 18 English/22 Reading/22 Math.
3. **Earn an industry-recognized credential and passing score on the ACT WorkKeys career assessment:** The Ohio Department of Education has released a list of pre-approved industry credentials and state licenses that will meet this requirement. Students who successfully earn 12 credential points for one or more approved credentials/licenses and achieve a score of 14 on ACT WorkKeys career assessment will meet this requirement.
4. **Earn a competency score on ELAII and Algebra I end-of-course assessments:** As part of the new graduation requirements for the class of 2023 and beyond, students may meet this new criteria by meeting the set competency score on ELAII and Algebra I as establish by the Ohio Department of Education.

Alternative Pathway

Students in the Class of 2021/2022 who are unable to meet one of the four testing options above can qualify for graduation by meeting the new graduation alternatives set for the class of 2023 and beyond. This includes demonstrating competency through College Credit Plus, career-focused activities or military enlistment as well as demonstrating readiness through the earning of two state approved seals. Students whom this would apply will discuss with their school counselor the specific details of these options.

Students Being Served by an Individualized Education Plan (IEP) and Testing

Students being serviced by an Individualized Education Plan (IEP) may be approved for testing with accommodations or an alternate assessment geared towards the student's specific learning outcomes. Students may be exempted from the consequences of the test, but must attempt the test before this determination can be made. Testing decisions will be made by the IEP team during the annual IEP review.

GRADUATION REQUIREMENTS FOR THE CLASS OF 2023+

To graduate from Archbold High School, students must meet the general graduation requirements as established by the Board of Education and the Ohio Department of Education. This includes three components: course completion, competency demonstration and readiness demonstration.

Course Completion

- 21 total credits
- 4 credits English
- 4 credits Math (including 1 credit of Algebra 2 or equivalent)
- 3 credits Science (including 1 credit Physical Science, Biology & Advanced Science)*
- 3 credits Social Studies (including 1 credit Global Studies, US Studies & American Government)
- 0.5 credits Physical Education
- 0.5 credits Health
- 0.5 credits Economics**
- 5.5 credits Electives
- Fine Arts Requirement***
- Financial Literacy Requirement****

* Advanced Science includes Chemistry, Physics, Environmental Science, Anatomy or other approved science beyond Physical Science and Biology.
** FCCC students are exempt from the Economics credit requirement.
*** Fine Art Requirement may be met anytime between grades 7-12.
**** Financial Literacy Requirement is met through Economics at AHS and Government at FCCC.

Competency Demonstration

Students will demonstrate competency in the foundational areas of English language arts and mathematics by earning a competency score on the ELAII and Algebra I end-of-course state assessments. If students are unable to earn this minimum competency score, they may meet the competency requirement through one of the following alternative means:

1. **College Credit Plus:** Earn a college credit in a non-remedial math or English course (for the subject area not passed)

2. **Career Experience and Technical Skill:** Complete two of the listed criteria, one of which must be a Foundational task.

   Foundational
   - Earn a score of proficient on three or more WebXams in a single career pathway
   - Earn an approved industry-recognized credential
   - Complete a pre-apprenticeship or show evidence of acceptance to an apprenticeship program after high school

   Supporting
   - Complete a 250-hour work-based learning experience with evidence of positive evaluations
   - Earn the workforce readiness score on the WorkKeys
   - Earn the OhioMeansJobs Readiness Seal

3. **Military Readiness:** Enlist in the military as demonstrated by a contract with the military to enlist upon graduation.

Readiness Demonstration

Students must also demonstrate they are prepared for college or careers by earning two (2) of twelve (12) seals that allow students to demonstrate academic, technical and professional skills. Of the two seals, one must be a state-defined seal. Earned seals will be displayed on a student's transcript and diploma.

State Defined Seals

1. OhioMeansJobs Readiness Seal
2. State Seal of Biliteracy
3. Industry-Recognized Credential Seal
4. College-Ready Seal
5. Military Enlistment Seal
6. Citizenship Seal
7. Science Seal
8. Honors Diploma Seal
9. Technology Seal

Locally Defined Seals

1. Community Service Seal
2. Fine and Performing Arts Seals
3. Student Engagement Seal

Students Being Served by an Individualized Education Plan (IEP) and Testing

Students being serviced by an Individualized Education Plan (IEP) may be approved for testing with accommodations or an alternate assessment geared towards the student's specific learning outcomes. Students may be exempted from the consequences of the test, but must attempt the test before this determination can be made. Testing decisions will be made by the IEP team during the annual IEP review.

HONORS DIPLOMA

To qualify for any of the state approved honors diplomas, a student must complete the required curriculum by meeting all or all but one of the prescribed criteria of the respective diploma.

Academic Honors Diploma

English	4 units
Math	4 units (Alg I, Geom, Alg II and one higher level course)
Science	4 units (must include two units of advanced science)
Social Studies	4 units
World Language	3 units of one world language or 2 units of two world languages
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT

Career Tech Honors Diploma

English	4 units
Math	4 units (Alg I, Geom, Alg II and one higher level course)
Science	4 units (must include two units of advanced science)
Social Studies	4 units
World Language	2 units of one world language
Electives	4 units of Career-Technical courses
GPA	3.5 on a 4.0 scale
ACT/SAT/WorkKeys	27 ACT/1280 SAT/WorkKeys 6(Reading) & 6 (Math)
Field Experience	Complete field experience
Portfolio	Develop a portfolio of work based on field experience or related topic
Additional	Earn industry credential or proficient on Career-Tech Competency Assessment

STEM Honors Diploma

English	4 units
Math	5 units (Alg I, Geom, Alg II and two higher level course)
Science	5 units (must include two units of advanced science)
Social Studies	3 units
World Language	3 units of one world language or 2 units of two world languages
Fine Arts	1 unit
Electives	2 units with a focus in STEM courses
GPA	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT
Field Experience	Complete field experience
Portfolio	Develop a portfolio of work based on field experience or related topic

Arts Honors Diploma

English	4 units
Math	4 units (Alg I, Geom, Alg II and one higher level course)
Science	3 units (must include one unit of advanced science)
Social Studies	3 units
World Language	3 units of one world language or 2 units of two world languages
Fine Arts	4 units
Electives	2 units with a focus in fine arts courses
GPA	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT
Field Experience	Complete field experience
Portfolio	Develop a portfolio of work based on field experience or related topic

Social Science & Civic Engagement Honors Diploma

English	4 units
Math	4 units (Alg I, Geom, Alg II and one higher level course)
Science	3 units (must include one unit of advanced science)
Social Studies	5 units
World Language	3 units of one world language or 2 units of two world languages
Fine Arts	1 units
Electives	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale
ACT/SAT	27 ACT/1280 SAT
Field Experience	Complete field experience
Portfolio	Develop a portfolio of work based on field experience or related topic

EARLY COMPLETION OF HIGH SCHOOL

The high school program is intended to be a four-year experience. The Archbold Board of Education acknowledges that some students may desire to pursue educational/career options that require graduation from school at an earlier date than their designated class. While early graduation is an option, it is strongly recommended that a student take four years to complete high school. Please note that there are specific requirements that must be met to qualify for early graduation. Students wishing to learn more about early graduation are encouraged to meet with their school counselor and obtain an application.

PARTICIPATION IN GRADUATION CEREMONIES

Students who have met ALL requirements for graduation and have settled ALL outstanding school fees are eligible to participate in graduation ceremonies. Students who have NOT completed their graduation requirement and who still owe fees up to the day prior to graduation will NOT walk at graduation. Students are encouraged to plan ahead to ensure their participation in graduation ceremonies. A representative will meet with seniors in the fall to place orders for caps and gowns and graduation announcements. Students who do not have orders placed in the fall are to see the office secretary for assistance.

EARNING CREDITS

Students earn credit for the successful completion of courses at the end of each semester. Semester courses are worth 0.5 credits with the exception of Physical Education courses that are worth 0.25 credits.

Grade Point Average and Class Rank
The semester grades earned at the end of each semester will be used in the calculation of a student's cumulative grade point average (GPA) and class ranking. The semester grade is an average of the two quarter grades and exam. Each quarter is worth 42.5% of the average and the exam is worth 15%. A grade point average is determined by assigning points to a student's semester grades, and then the averages are ranked from the highest to the lowest to determine class rank. The following is the scale used for calculating grade point average and rank:

A = 4.0	B = 3.0	C = 2.0	D = 1.0
A- = 3.7	B- = 2.7	C- = 1.7	D- = 0.7
B+ = 3.3	C+ = 2.3	D+ = 1.3	F = 0.0

District-Wide Grading Scale

Regular Grading Scale		AP / Honors Grading Scale	
A = 93-100	C = 73-76	A = 90.5-100	C = 68.5-73
A- = 90-92	C- = 70-72	A- = 87.5-90	C- = 65.5-68
B+ = 87-89	D+ = 67-69	B+ = 84.5-87	D+ = 62.5-65
B = 83-86	D = 63-66	B = 79.5-84	D = 57.5-62
B- = 80-82	D- = 60-62	B- = 76.5-79	D- = 54.5-57
C+ = 77-79	F = Below 60	C+ = 73.5-76	F = Below 54

Incompletes
An incomplete grade results when a student has not completed the required work for a course upon the end of a term and/or semester. Incomplete grades are a student's responsibility and must be taken care of within one week of the end of the quarter, or the incomplete will result in an "F".

Failures
A course for which a student receives an "F" grade means that a student receives NO credit for that course and the course MUST be remediated if the course is a requirement for graduation. The principal must approve any exception to this policy. Failing grades will greatly impact a student's cumulative GPA and class rank in a negative way.

Repeating a Course to Improve a Grade
A student may repeat a course and the higher grade will be recorded and used in calculating the cumulative grade point average and class rank. Credit will only be awarded once for the course. Course retakes must be pre-approved by the school counselor before taking.

CREDIT REMEDIATION OPTIONS

Students have two options to remediate a failed course. All credit remediation must be taken under supervision and must have the approval of the school counselor before enrolling.

- **Course Retake:** Students may retake a failed course. In such a case, the student will receive a letter grade for the retaken course, which will replace the previous failing grade. Retaking a course can help improve a student's academic standing.
- **Apex Learning:** If a students elects to not retake a failed course, they will automatically be enrolled into the online Apex Learning remediation program the following semester and will be required to work on that remediation course daily during an assigned study hall. Remediation courses completed online will be given a Pass/Fail grade. Online remediation does not remove a failure from a student's transcript nor will it improve a student's academic standing.

CREDIT FLEXIBILITY OPTION

Ohio Senate Bill 311 allows students in high school to earn credit through a variety of means. The credit flexibility option is an opportunity for students to tailor fit their high school education to their own personal learning goals. Students may earn credit in the following ways. Credit flexibility packets and applications can be obtained from a school counselor.

- **Option A:** Complete traditional coursework
- **Option B:** Testing out or showing mastery of course content
- **Option C:** Pursue a non-traditional educational option such as a research-based project, distance learning, internship, service learning or other method developed by the student and approved by the school

ADVANCED PLACEMENT

Advanced Placement (AP) is a highly regarded, nationally recognized curriculum developed by College Board that allows students to study college-level material while in high school. Performance on the AP test may translate into college credit dependent upon the score and the policies of the institutions students attend. AHS currently offers AP Government, AP English, and AP Chemistry. Courses are described in the course catalogue of this guide. **Students who participate in AP courses will be required to pay for and take the AP exam at the end of the year.** Note that while not taught as an AP course, students in Calculus will be given the option of taking the AP Calculus test.

SENIOR WORK RELEASE

Seniors may apply for work release (8th period only unless otherwise permitted by administration) to go to work. Students interested in work release must meet with a school counselor for more information and for an application. To be eligible for this option, seniors must be on track for graduation with regards to credits and testing and be in good standing with their current courses. Students will be required to go to study hall during their work release time if they are on the weekly eligibility list and may return to the work release program once they have improved their grades.

COLLEGE CREDIT PLUS

College Credit Plus is the state program mandated by law that affords students in grades 7-12 the opportunity to earn transcripted college credit while in high school. Through College Credit Plus, qualified students have the opportunity to earn college credit through a variety of means including taking courses at the college, taking approved college courses at the high school and taking college courses online. The annual College Credit Plus meeting will be held at the high school each winter and information about the program can be found at the AHS guidance website. Students wishing to participate in College Credit Plus must meet the following criteria and adhere to all deadlines established by Archbold High School policy:

- Attend a mandatory student and parent/guardian meeting each winter of the year prior to participation.
- Submit a signed Intent to Participate form by April 1 of each year prior to participation.
- Establish a college ready score on at least one subtest of a state-approved college readiness assessment or score within one standard deviation and have a high school GPA of 3.0.
- Apply to and be accepted to the institution of higher education in which they plan to take courses (this includes completion of an application, testing requirements and any other established criteria)
- Submit a final college schedule to the school counselor prior to the start of each term as defined: May 15 for Summer Term / Last Day of AHS Semester 2 for Fall Term / Last Day of AHS Semester 1 for Spring Term

College Credit Plus courses available within the high school and taught by a high school teacher are marked with a “CCP” in the course catalogue.

ARTICULATED AGREEMENTS

An Articulated Agreement is an arrangement with an institution of higher education that awards college credit for the completion of certain high school courses should that student attend that particular institution. Currently, AHS maintains an articulated agreement with the University of Northwestern Ohio that recognizes Business Management Ag & Environmental Systems as the first business course for credit, provided the student pass the course with a minimum grade of B and earns a passing score on the end-of-course exam from the Ohio Department of Education.

FOUR COUNTY CAREER CENTER

Four County Career Center is a state-supported career and technical center that offers a wide variety of career programs for students during their junior/senior year. To learn more about the unique offerings at Four County Career Center, visit their website at www.fourcounty.net.

To attend Four County Career Center, students must have 8 credits by the start of their junior year (5 of those must come from Core graduation courses) and meet any specific requirements for the career program. The application deadline is February 1st of each year and students must have 6.5 credits at that time to be placed into a program. Four (4) of these credits must come from core graduation courses. While at Four County, students are considered members of AHS and will receive a diploma from AHS. In addition, students will receive a certificate of completion and career portfolio from Four County Career Center. The programs offered by Four County Career Center are:

- Accounting & Business Management
- Agricultural Diesel Mechanics
- Auto Collision Repair
- Automotive Technologies
- Building Trades/Carpentry
- Chef Training
- Computer Design/3D Modeling
- Cosmetology
- Culinary Arts Management
- Diesel Mechanics
- Early Childhood Education
- Electrical
- Fire and Rescue
- Floral Design
- Health Careers
- Hospitality Services (IEP students only)
- Industrial Services (IEP students only)
- Interior Design
- Landscape & Greenhouse Technologies
- Law Enforcement and Security Tactics
- Mechanical Systems & Piping
- Medical Office Technologies
- Network Administration & Cybersecurity
- Powersports
- Software Development and Game Design
- Specialized Mechatronics & Robotics Technology
- Sports Fitness and Exercise Science
- Veterinarian Assistant
- Visual Art and Design
- Welding Fabrication

Students choosing to attend Four County Career Center are encouraged to participate in the programs available for the full day, but do have the option of choosing to only attend Four County Career Center for their lab and to take their required courses at AHS. In order for students to participate in a half-day schedule, they must have their own transportation to and from Four County Career Center and they must be able to fit their required courses in their schedule. See your school counselor if interested in a half-day schedule to explore your options.

A student who is scheduled to attend or currently attends Four County Career Center may return to AHS. The following protocol must be met to return to AHS:

- Requests should be made prior to the start of a semester. Students requesting to return mid-semester will be strongly encouraged to finish the semester at FCCC to avoid the lose of credits.
- Student and parent/guardian must meet with the school counselor to discuss the implications of returning to AHS and to schedule courses.
- Student will be required to obtain a signature from their Four County school counselor to verify their withdrawal from Four County Career Center.

ELIGIBILITY FOR SPORTS & EXTRA-CURRICULAR ACTIVITIES

In order for a student to be eligible to participate in athletics, a student must be currently enrolled and have been enrolled during the immediately preceding grading period in a minimum of 5 credit hours. To be eligible, a student must maintain a 1.25 GPA and not earn more than one failing grade in the preceding grading period. The eligibility of incoming freshmen is contingent on the student passing 75% of those subjects carried the preceding grading period in which the student was enrolled. AHS monitors eligibility (including those attending Four County) for athletics and extra-curricular activities on a weekly basis. Any student receiving 2 F's in one week will be ineligible to participate the following week. The 5-credit rule is also in effect each week. Athletes and participants becoming ineligible due to weekly eligibility may practice at the coach's/advisor's discretion.

ACADEMIC AWARDS

Alpha & Honor Roll
The Alpha and Honor Roll for each quarter is determined by the grade point average earned on the student grade card. To make the honor roll, a student must have a 3.0 GPA and be enrolled in at least 2 courses at the high school. To be named on the alpha roll, a 3.7 GPA must be met, along with the other requirements listed for the honor roll. Students enrolled in CCP must be enrolled in 2 courses (defined as those earning 1/2 credit per semester) at AHS to be eligible.

Academic Letter
Students may earn an Academic Letter all four years in high school upon meeting the established GPA requirement at the end of the first semester of the year. In the first year a student will earn an Academic Letter and will then earn a star pin for each subsequent year. The GPA guidelines are as follows:

Freshman: 3.85 GPA after the 1st semester
Sophomore: 3.80 GPA after the 1st semester
Junior: 3.75 GPA after the 1st semester
Senior: 3.70 GPA after the 1st semester

Top 10% of the Class
Each year, AHS recognizes those students who rank in the top 10% of their graduating class. This recognition is based off of the students ranking in the class, which is determined by their cumulative grade point average at the end of the first semester of senior year.

STUDENT RECORDS & RELEASE OF CONFIDENTIAL INFORMATION

Under Federal Law, "The Family Educational Rights and Privacy Act of 1974", schools must permit parents of students to inspect their child's records upon request to administration and must not permit others not specified by the law to have access to student records without written consent. These rights are granted to the student themselves upon their 18th birthday. Students wishing to have a transcript released to any third party must submit a signed **Transcript Release Form** to their counselor. This form can be accessed from the guidance website and requires a parent/guardian signature (students under 18) or student signature for those 18 or older.

COLLEGE AND CAREER READINESS

Students have many options available to them after high school and it is the school's mission to ensure that every student graduates from Archbold High School college/career ready. Throughout high school, students will be exposed to a wealth of information and opportunities designed to help them explore and plan for post-secondary schooling and career options. Students are encouraged to see their school counselor to discuss their plans. Below is some general information for consideration.

Career Pathways
There are multiple career pathways a student may choose to take during and after high school that can help them achieve their career goals. These include: 4-year college, 2-year college, career & technical training, military and entering the workforce.

College Preparatory Curriculum
Many colleges have a preference of high school courses they like to see students have upon applying to college. All college-bound students are encouraged to follow these guidelines. Please note that colleges have varied requirements and students are encourage to research schools to ensure their high school course work is adequately preparing them.

- 4 credits of English
- 4 credits of College Prep Math (Algebra II at a minimum)
- 4 credits of Social Studies
- 4 credits of Science (including lab-based science)
- 2-3 credits of the same Foreign Language
- 1 credit of Fine Art (music, art, drama, etc.)

College Tests
There are two national testing programs whose tests are used for college admission and/or placement. A student should check with colleges to verify which test is preferred. Each test is given multiple times a year and students are encouraged to take the tests more than once. Generally, colleges will use the highest score(s) for admission/scholarship consideration.

- **ACT (American College Testing Program):** The ACT is a measure of scholastic aptitude in English, mathematics, reading and science reasoning. An optional writing test is available and required by some colleges. Students must register online at www.actstudent.org for the test.
- **SAT (Scholastic Aptitude Test):** The SAT is designed to measure how well students have developed verbal, writing and mathematical skills. Students must register online at www.sat.collegeboard.org for the test.

Students are encouraged to prepare for these tests through study and practice. Both testing programs provide test preparation materials on their websites. AHS also offers students the opportunity to take the PSAT, a practice SAT test used for the National Merit Scholarship Program. The PSAT is given in October to interested juniors.

NCAA/NAIA Athletic Eligibility Requirements

Students wanting to play athletics at the college level must ensure they meet the guidelines of eligibility for that specific division. NCAA Division I/II institutions have adopted certain academic requirements that must be met for a student to qualify for participation in athletics and to receive scholarships. NAIA institutions have also established eligibility requirements for students. Both NCAA and NAIA have an online clearinghouse that students must register for during their junior or senior year to begin the process of establishing eligibility. Students should visit either clearinghouse or see a school counselor for the specific eligibility requirements. **It is the responsibility of the student to understand NCAA/NAIA requirements.** The school counselors are not involved in the recruitment process. Students should work with their coaches to ensure they are following recruitment requirements. Below are the initial steps that should be followed to establish your eligibility:

- Send your SAT or ACT test scores directly to the NCAA and or NAIA Clearinghouse (this is done when registering for either test).
- Register with NCAA at www.eligibilitycenter.org or the NAIA at www.playnaia.org.
- Print the required transcript release form and bring to a school counselor so your transcript can be sent to the clearinghouse.

AGRICULTURAL EDUCATION DEPARTMENT

All students who take an Agricultural Education course will participate in 1) classroom and lab, 2) FFA and 3) supervised agricultural experience (SAE).

FFA is a national youth organization that allows students to develop their potential for success through leadership, personal growth, and career success. FFA activities include local chapter meetings, state and national conventions, judging contests, and many service-based projects. The SAE component is the area where students develop their responsibility through some sort of project. Projects are to be done in addition to class time and may consist of ownership, job placement, home improvement, exploratory, or experimentation, all of which must have direct learning outcomes relating to Agriculture.

Students who complete two years of science-based agriculture courses (those marked with a #) may request to be awarded one credit of science to use towards their graduation requirements.

Agriculture, Food, and Natural Resources
Grades 9-10 / 1 year / 1 Credit

This course introduces students to the pathways that are offered in the Agricultural and Environmental Systems career field. As such, learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science & management, plant & horticultural science, power technology and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability. Completion of this course may be used in conjunction with another eligible course towards the awarding of 1 credit of science toward graduation.

Livestock Science
Grades 10-12 / 1 year / 1 Credit

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance. **Prerequisite: Agriculture, Food & Natural Resources or permission from the instructor.**

Mechanical Principles
Grades 10-12 / 1 year / 1 Credit

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills. **Prerequisite: Students must have taken, or currently be enrolled in, 1 year of Agricultural Education or Industrial Technology.**

Science and Technology of Food
Grades 11-12 / 1 year / 1 Credit

This course examines the research, marketing, processing and packaging techniques applied to the development of food products. Learners will examine principles of food preservation techniques and determine correlations to food sensory, shelf life and food stability. Learners will examine and develop food safety, sanitation, and quality assurance protocol. Government regulations and food legislation will be examined and the implications to food science and technology will be identified. A great deal of emphasis will be placed specifically on dairy and meat products as well. **Prerequisite: Students must have successfully completed Biology or have instructor permission to enroll.**

Business Management Ag and Environmental Systems
Grade 12 / 1 year / 1 Credit

Learners will examine elements of business, identify organizational structures and identify and apply management skills. Learners will develop business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Learners will practice customer sales techniques and apply concepts of ethics and professionalism while understanding related business regulations. Students in this class will also be primarily responsible for managing the school farm. Students who successfully complete this course will receive credit for the first business course at the University of Northwestern Ohio, should they pursue higher education at that institution.

Agricultural and Environmental Systems Capstone
Grade 12 / 1 year / 3 credits

Students must be concurrently enrolled in Business Management for Agricultural and Environmental Systems to take this course. This course requires the application of learning to a project that serves as an instrument of evaluation. Students will experience on-the-job training by working, preferably, in an agriculturally related business or farm. Agreements must be made between the student, employer, teacher and school. The work time is flexible and can be started June 1, prior to the year of graduation. The student must obtain 450 hours of placement by May 31 of their graduating year to receive credit for the experience. Job visits made by the teacher are used to determine the learning involved and the safety and work conditions. Students must have a job, preferably related to an agricultural field, to leave school on early release for this program – the purpose of this course is to gain agricultural skills on-the-job. Students will be required to maintain a 2.0 GPA in all classes. Problems in this course and other courses – both academically and disciplinary – may result in suspension from early release for this program. Participation in the FFA and SAE programs is still required. Academics will always take precedence over the work-release agreement!

ART DEPARTMENT

Art I
Grades 9-12 / 1 year / 1 credit

This course emphasizes a hands-on learning of the elements of art and the principles of design, color theory and vocabulary by introducing a wide variety of media and artists throughout history to the present. Students are provided a strong foundation in design, drawing, and technique in a teacher-structured environment. Studio habits of mind are introduced to foster creativity and emphasize problem solving and decision-making.

Art II
Grades 10-12 / 1 year / 1 credit

Art II is the continued exploration of various media and techniques in both two and three-dimensional design. It is a must for those who hope to pursue a career in art. Projects include painting, sketching, ceramics and printing. **Prerequisite: Successful completion of Art I and permission from instructor.**

Advanced Art
Grades 11-12 / 1 year / 1 credit

The Advanced Art course is designed to challenge and build on student's prior experiences and to introduce the concept of an artist's portfolio. This student-centered class will focus on developing ones own style and vision using media of individual choice. Students will research, produce, document and reflect on each piece. At the end of the year, students will be required to participate in the art show with a minimum of 4 pieces. **Prerequisite: Successful completion of Art II and permission from instructor.**

BUSINESS DEPARTMENT

Accounting I
Grades 9-12 / 1 year / 1 credit

In Accounting I, students become familiar with the basic principles of keeping business records through practical problems. Students learn accounting terminology (the language of business) and develop an understanding of basic accounting concepts, principles, practices and procedures. The course is recommended for any student and is an elective and does not fulfill a math requirement.

Accounting II
Grades 10-12 / 1 year / 1 credit

This course will act as a continuation from the first year Accounting course. A simulation will be completed. The students will frequently work on their own and are required to meet pre-set deadlines. The course is highly recommended for students thinking about a career in business, management or finance. **Prerequisite: "C" average in Accounting I or permission from the instructor.**

Introduction to Business
Grades 10-12 / 1 semester / 0.5 credit

This class will explore the many different careers available in the business arena. The major components of a business will be introduced including production, service, marketing, finance, management, accounting, and human resources. The course will also examine the economic, social, competitive and regulatory environment of business.

Personal Finance
Grades 11-12 / 1 semester / 0.5 credit

Personal Finance will help students create their own financial plan. It's designed to provide students with opportunities to develop skills for solving real world problems. The focus will be on saving money, negotiating great deals, establishing a budget that works, understanding different types of investments, setting career goals and much more. This course will provide a foundational understanding for making informed personal financial decisions as well as teaching the responsibilities and dangers of social networking. This course is for any student who wants a better understanding of their money and how it can work for them.

Business Ethics
Grades 11-12 / 1 semester / 0.5 credit

Business Ethics will take a look at everyday issues and analyze the different options available to solve the problem. The class is designed to prompt the students to think "outside the box" and look at situations from different perspectives. Students will be asked to support the decisions they make. A series of movies, articles, and books will provide the situational information needed for the class.

Financial Accounting (CCP) (ACC111)
Grades 11-12 / 1 semester / 1 credit

This course is designed for students who have a solid understanding in Accounting I and plan to attend college majoring in business or accounting. Topics to be covered, but not limited to the accounting cycle, receivables, inventory, depreciation, liabilities, investments and stock. Completion of this course may qualify for 3 credits of Financial Accounting from NSCC. **Prerequisite: "C" average in Accounting I and/or II or permission from the instructor. Students must also meet all requirements set by NSCC.**

Managerial Accounting (CCP) (ACC112)
Grades 11-12 / 1 semester / 1 credit

This course is designed for students who have a solid understanding in Accounting I and plan to attend college majoring in business or accounting. Topics to be covered, but not limited to the statement of cash flows moving into job ordering, project costing, activity based costing, cost behavior, budgeting and other managerial topics. Completion of this course may qualify for 3 credits of Managerial Accounting from NSCC. **Prerequisite: NSCC Financial Accounting (ACC111). Students must also meet all requirements set by NSCC for participation.**

Payroll Accounting (CCP) (ACC120)
Grades 11-12 / 1 semester / 1 credit

This course includes the various phases of the Social Security Act, unemployment compensation, federal withholding tax, and systems of accounting used in keeping payroll and wage records. Students complete the necessary federal and state tax reports and apply payroll accounting concepts to microcomputer applications. **Pre / Co-requisite: NSCC Financial Accounting (ACC111) or Managerial Accounting (ACC112). Students must meet all requirements set by NSCC for participation.**

Marketing (CCP) (MKT110)
Grades 10-12 / 1 semester / 1 credit

Marketing is an introductory course that exposes the student to the "marketing mix" (product, price, promotion, and distribution). Topics include the global environment and social and ethical responsibilities; using technology and information to build customer relationships; target markets and customer behavior; product decisions; distributing decisions; promotion decisions; and pricing decisions. The topics are looked at from the profit and nonprofit viewpoint. Global as well as domestic strategies are examined. The student is introduced to the above topics through lecture, textbook readings, media presentations, classroom discussions, and a team marketing project. Completion of this course may qualify for 3 credits of Marketing from NSCC. **Pre / Co-requisite: NSCC Microeconomics (ECO212). This will count towards the economics graduation requirement. Students must also meet all requirements set by NSCC for participation.**

COMPUTER TECHNOLOGY DEPARTMENT

Desktop Publishing
Grades 9-12 / 1 year / 1 credit

Desktop Publishing offers knowledge of a variety of programs and computer skills. Students will learn Photoshop skills, and will use Word, Pages, InDesign and The Print Shop to integrate text and graphics into publications created for print purposes. Students will also learn methods for creating animated gifs, and digital video recording and editing.

Web Design
Grades 9-12 / 1 semester / 0.5 credit

This one-semester course will teach students the basics of HTML and CSS coding in creating websites. The students will also generate web pages using Dreamweaver, and will create a website using a free online site generator.

Computer Graphics
Grades 9-12 / 1 semester / 0.5 credit

Students will learn how to use Adobe Illustrator to create vector graphics, such as logos and other graphics. They will create original designs as well as learn from graphic designers on the Internet. Attention to detail and following directions are important skills that the students will develop throughout this course.

Advanced Graphics
Grades 10-12 / 1 semester / 0.5 credit

Students will be creating vector graphics that are more complicated, and some that have real-life application such as a t-shirt design. Students will also explore basics of graphic animation with the help of the JavaScript programming language. **Prerequisite: Computer Graphics.**

Yearbook Design
Grades 10-12 / 1 year / 1 credit

This course is open to students who wish to plan and put together the yearbook in a laboratory situation producing computer-generated layouts. Students

must fill out an application to be part of this staff, and are chosen to work as a photographer, page designer, or combination of the two based on skills, interests, and availability. Interested students need to consider serving as a staff member for more than one year, as the photography and computer skills will build with experience. **Prerequisite: Desktop Publishing and/or advisor permission. Students must submit an application for consideration.**

Microsoft Applications (CCP) (CIS114)
Grades 10-12 / 1 semester / 1 credit

This course is a basic course in which the student learns to operate the personal computer using four components of Microsoft Office software: Microsoft Word, Excel, Access and PowerPoint. All the basic program functions will be covered for each package, as well as many advanced functions. A basic knowledge of the keyboard is helpful. **Prerequisite: Successful completion of a high school computer course or satisfactory score on computer placement test. Students must meet all requirements set by NSCC for participation. Desktop publishing is highly recommended to take prior to this course.**

ENGLISH DEPARTMENT

English 9
Grade 9 / 1 year / 1 credit

At the ninth grade level, students are encouraged to read a great deal of literature. Reading not only increases knowledge of the world around the students but also gathers views that authors present about life. In addition, reading will increase vocabulary and aid writing ability. Students in English 9 will read the following types of literature: novel, short story, drama, poetry, and non-fiction. Throughout the course, students will continue to improve their basic composition skills through multiple writing styles, including explanatory, persuasive, and narrative. Grammar is also a focus in English 9 since grammar is considered the basic structure of our language and will aid reading, writing, and speaking skills. This is a required course at the freshman level.

English 10
Grade 10 / 1 year / 1 credit

English 10 is based on world literature and a wide variety of authors and styles. Novels, short stories, essays, poetry and some larger works such as Shakespeare and Greek theater will all be used in integrated thematic studies. Students in English 10 will continue to improve their basic composition skills through multiple writing styles, including narrative, persuasive and explanatory. Grammar and vocabulary acquisition and development will also be a focus.

Honors English 10
Grade 10 / 1 year / 1 credit

Honors English 10 will provide challenging opportunities for students to deepen engagement with the same curriculum focus as English 10. The curriculum for honors course is more demanding and will have requirements beyond those of English 10. Students in this honors course will explore literature more widely and deeply, including more challenging and/or complete print and non-print texts. In addition, students in Honors English 10 will practice academic writing skills and style in the form of literary analysis, fictional compositions, and various short persuasive and analytical essays, along with more detailed versions of narratives, persuasive and explanatory writing. Vocabulary acquisition and development will remain a focus as well. **Prerequisite: "B" or higher in English 9 or instructor approval.**

English 11 CP
Grade 11 / 1 year / 1 credit

English 11 College Prep offers students opportunities to learn basic reading and communication skills expected for success in 2-year and 4-year college programs. Students will chronologically analyze nonfiction, fiction, and poetry selections of American literature for social, religious, and political impact. The course will stress vocabulary acquisition. In addition, students in English 11 CP will learn practical application of writing skills in the form of a research project, an analytical paper, business and technical documents, and various short essays.

Honors English 11
Grade 11 / 1 year / 1 credit

Honors English 11 offers students opportunities to learn reading and communication skills essential for success in rigorous 4-year programs, at state and private liberal arts colleges and universities. In addition to the CP curriculum, students will chronologically analyze more nonfiction, fiction, poetry and dramatic selections of American literature for social, religious, and political impact. The course will stress academic vocabulary acquisition. In addition, students in Honors English 11 will practice academic writing skills and style in the form of research projects, literary analyses, fictional compositions, and various short persuasive and analytical essays. **Prerequisite: "B" or higher in English 10 or instructor approval.**

English 12 CP
Grade 12 / 1 year / 1 credit

English 12 College Prep includes the study of advanced composition and English literature. The composition portion of the course emphasizes research, expository and analytical writing. Structure, content, and form are thoroughly examined. The English literature study surveys the literature of England from the Anglo-Saxon period through modern

times. The history, authors, and literature are studied for appreciation and understanding of England's literary development.

AP English Literature and Composition
Grade 12 / 1 year / 1 credit

Advanced Placement English Literature and Composition is a yearlong course with an emphasis in reading, discussing, writing, and rewriting. The novels, plays, short stories, and poems surveyed consist of American, English, and World Literature written during the 1500s through modern times. With intensive concentration on composition skills and on authors' narrative techniques, this college level course prepares students for the AP Exam, college, and career challenges. Through various class activities, such as student-conducted seminars, the teacher acts as a consultant and facilitator, allowing students to assume responsibility for learning. Students will also be required to pay for and take the AP English Literature Exam in May. **Prerequisite: Overall "B" average in prior English courses or permission of the instructor. Participation in Honors English 10 is recommended.**

Literature for College Success
Grade 11-12 / 1 semester / 0.5 credit

In this world literature class, students will spend a majority of their time reading and interacting with various literary works, similar to a college literature class.. These works will challenge them in their comprehension, inference, and synthesizing skills. As they read, students will be asked to write essays analyzing the text, making assertions, and connecting ideas in the text with real life issues. Several larger novels and other lengthy works will be read and analyzed. Students may take this course multiple years. This class will count as elective credit and not count towards your 4 required English credits.

Speech
Grades 10-12 / 1 semester / 0.5 credit

Speech class is designed to give students numerous opportunities to speak before an audience. Through various types of speeches, discussion, and impromptu form, a student will gain skills in public speaking. General communication skills will be analyzed along with productive group management skills. Students may take up to two semesters of speech. This class will count as elective credit and not count towards your 4 required English credits.

INDUSTRIAL TECHNOLOGY DEPARTMENT

Introduction to Woods
Grades 9-12 / 1 year / 1 credit

Introduction to Woods is an exploratory experience in drafting, design, and woodworking. Each student is encouraged to carry a project through a complete series of phases, beginning with design and planning, research, and then going into the lab to complete the hands-on activities.

Advanced Woods
Grade 11-12 / 1 year / 1 credit

Advanced Woods will cover the areas of architectural drafting, advanced computer drafting and advanced woodworking. CAD drawings will include the design and drawing of residential homes and an advanced woodworking project. Safety tests will be given for every power machine in the woodworking. On the completion of these skills, students will select an advanced woodworking project to complete throughout the remainder of the year. Students may take this course for both the junior and senior year. **Prerequisite: Introduction to Woods.**

Metal Fabrication
Grade 10-12 / 1 year / 1 credit

The metals curriculum is designed to teach the fundamental aspects of many different metalworking processes. Welding units including MIG, TIG, and Stick welding which will all be included in this curriculum. Students will become proficient with these types of welding. Students will also learn how to safely operate a cutting torch and a plasma cutter. There will be time spent learning sheet metal forming skills using many different sheet metal processing machines. Students will spend time fabricating a metalworking project that will draw on knowledge and skills developed throughout the class. There will also be a small section of the course dedicated to computer drafting, which will be used to developed plans for the metal working projects being built.

Computer Aided Drafting
Grade 10-12 / 1 semester / 0.5 credit

The use of advanced concepts and techniques of Vectorworks computer-aided drafting and design, applied to provide the student with exposure to the basic practices of engineering graphics. The students will gain knowledge and experience in areas of architectural, structural, mechanical, and landscape design. **Prerequisite: Introduction to Woods or permission from instructor for those students without woods experience.**

MATHEMATICS DEPARTMENT

Calculator Recommendation: It is recommended that students purchase a graphing calculator. Texas Instruments model TI-83+ is the best model for what students will do in high school mathematics and science courses. Students are encouraged to ask a teacher for advice on an alternative calculator.

Algebra IA
Grade 9 / 1 year / 1 credit

Algebra I A is a course designed to reinforce foundational math concepts. These concepts include adding/subtracting integers, multiplication/division facts, conversions back and forth from fractions to decimals and proper to improper fractions, solving linear equations, factoring & solving quadratic equations, and graphing linear equations. **Prerequisite: This course is by teacher recommendation only.**

Algebra IB
Grade 10 / 1 year / 1 credit

Algebra I B is a continuation of the Algebra I A, going deeper into the following concepts: functions, inequalities, systems of equations, graphing equations and reading various forms of tables. **Prerequisite: Algebra IA. This course is by teacher recommendation only.**

Algebra I CP
Grade 9 / 1 year / 1 credit

Algebra I incorporates many different areas of mathematics, algebra, geometry, probability and statistics, in real-life problems. Students will write, evaluate, solve, interpret, and graph algebraic expressions and equations. Students will solve and graph linear functions and polynomial, radical and rational functions. **Prerequisite: 8th Grade Math**

Geometry
Grades 9-11 / 1 year / 1 credit

Geometry incorporates different areas of mathematics, algebra, geometry, probability and statistics with an emphasis on the application of the geometrical theorems, postulates, definitions and corollaries to prove various mathematical concepts. **Prerequisite: Algebra IB or Algebra I CP. This course is by teacher recommendation only.**

Geometry CP
Grades 9-11 / 1 year / 1 credit

Geometry incorporates different areas of mathematics, algebra, geometry, probability and statistics with an emphasis on the application of the geometrical theorems, postulates, definitions and corollaries to prove various mathematical concepts. **Prerequisite: Algebra I CP.**

Algebra II
Grades 12 / 1 year / 1 credit

Algebra II incorporates many different areas of mathematics, algebra and geometry and progresses at a rate adequate for non-college bound students. Students will solve and graph linear equations, inequalities and quadratic functions. They will also factor and simplify rational expressions. This course is designed for the student began their high school math sequence with pre-algebra or Algebra I A and is not ready for Algebra II CP. **Prerequisite: Geometry. This course is by teacher recommendation only.**

Algebra II CP
Grades 10-12 / 1 year / 1 credit

Algebra II CP incorporates many different areas of mathematics, algebra, geometry, trigonometry, and beginning pre-calculus, using them in real-life problems. Students will solve and graph linear, rational, quadratic, and polynomial functions. Students will also explore irrational and complex numbers and use them in higher order thinking. **Prerequisite: "C" or better in Geometry or teacher approval**

Statistics
Grades 10-12 / 1 year / 1 credit

This course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Statistics is not meant to replace pre-calculus or Calculus. Most college majors require a statistics course in their plan of study. Students should research majors at colleges of their interest to see if statistics is a requirement. A TI-83+ graphing calculator is required for this course. **Prerequisite: Algebra II / Algebra II CP or permission from instructor.**

Pre-Calculus
Grades 11-12 / 1 year / 1 credit

Pre-calculus consists of the study of the following topics: functions, exponents and logarithms, analytic geometry, trigonometry, limits, and an introduction to Calculus. It is intended for those students who plan to continue their study of mathematics or the sciences. **Prerequisite: Algebra II CP.**

Calculus
Grade 12 / 1 year / 1 credit

Calculus makes extensive use of plane geometry and algebra and also the notion of limit and of the limiting processes. From the idea of limit arise the 2 principal concepts of Calculus – the derivative and the integral. Students taking calculus have the choice of taking the AP Calculus assessment. **Prerequisite: Pre-Calculus.**

MUSIC DEPARTMENT

Chorale
Grades 9-12 / 1 year / 1 credit

This course is a performing group of students who have vocal music ability, a desire to work cooperatively, and a motivation to achieve musical excellence. This group specializes in choral works suitable for school, church, and community functions. The literature used covers a wide range of classical, secular, sacred, popular, rock, and jazz. Public performance at school programs, concerts, and

contests are an outgrowth of the classroom and are mandatory. Students will be graded on singing skills, participation, and musical knowledge. In an effort to keep this chorus numerically balanced, auditions may be required at the discretion of the director.

Women's Chorus
Grades 9-12 / 1 year / 1 credit

This course is a performing group of female students who have vocal music ability, a desire to work cooperatively, and a motivation to achieve musical excellence. This group specializes in choral works for female voice suitable for school, church, and community functions. The literature used covers a wide range of classical, secular, and sacred, as well as popular, rock, and jazz. Public performance at school programs, concerts, and contests are an outgrowth of the classroom and are mandatory for all members. Students will be graded on singing skills, participation, and musical knowledge. This ensemble is open to all female students and no audition is required.

Instrumental Music
Grades 9-12 / 1 year / 1 credit

The curriculum is divided into two performance groups: The AHS Blue Streak Marching Band and the AHS Symphonic Band. All members study and perform in both groups. Practices for the marching band begin before school starts in the fall with attendance required. The Symphonic Band begins immediately after marching band completes its season. This group provides the student with an in-depth experience in all styles of music from classical to pop. Opportunities are also available for the study of solo literature and small ensemble music. Public performances at school programs, concerts, and contests are mandatory for all members.

Music History
Grades 11-12 / 1 semester / 0.5 credit

This course is a survey introduction to the art (classical) music of western culture, including music from the Medieval, Renaissance, Baroque, Classical, Romantic and 20th Century eras, featuring the study of selected masterworks in relation to the periods which they represent. Emphasis is placed on developing awareness of musical style and structure within the historical context of the time period. In addition, this course will examine in-depth the history of music in the United States from the colonial period to the present. Music samples representative of American Music will be utilized in class including popular (Pop) music. Music History is offered every other year opposite of Music Theory.

Music Theory
Grades 11-12 / 1 semester / 0.5 credit

This course is a study of the fundamentals of music. Emphasis is centered on using techniques to part-write, compose, and arrange music. This course will integrate aspects of melody, harmony, texture, rhythm, form, musical analysis, and composition. In addition, musicianship skills such as dictation and other listening skills are considered an important part of the course. The student's ability to read and write musical notation is fundamental to this course. It is strongly recommended that the student have acquired at least basic performance skills in voice or on an instrument. This course serves as important preparatory work for continued study of music in college. Music Theory is offered every other year opposite of Music History.

Theater Production
Grades 10-12 / 1 semester / 0.5 credit

This class will explore all necessary aspects of the stage, acting, and how to run a show/ stage production. Skills such as set design, scene painting, lighting, sound, costuming, stage makeup, and auditions will be explored. This class does not require any performance skills, but are encouraged if the student chooses. This course is a hands-on course where students will be working with real situations for real productions. Students enrolled in this course will be able to transfer these skills to their school, community, and church productions. Involvement in the Fall Play and/or Spring Musical is expected as the students will be trained to handle all facets of drama on and off stage.

Pop Music
Grades 10-12 / 1 semester / 0.5 credit

This class will explore how the music from the 1900's-2000's influenced our music today. Students will be taught how to appreciate the music that was the building blocks for current popular music. Genres of music that may be studied are jazz, rock & roll, hip-hop, and rap. Students enrolled in this course will learn how to listen, identify, and compare themes and tendencies in past music with modern-day music. These skills can be transferred to any music they hear outside of the classroom.

PHYSICAL EDUCATION & HEALTH DEPRTMENT

Health
Grade 9 / 1 semester / 0.5 credit

The objectives of the health course are to better the overall health of the students in the physical, mental, social, spiritual, and emotional aspects. Through the instruction and discussion of these aspects, students will be able to make better decisions and choices to live a healthier, happier life.

Physical Education II
Grade 9 / 1 semester / 0.25 credit

This course is a continuation of Physical Education I. The objectives of physical education are to promote growth and development, to develop sportsmanship, teamwork and leadership, to develop playing skills, coordination, personal goals and values, to promote social and emotional challenges through participation, to present leisure time activities of a valuable nature, and to promote self-expression and self evaluation. All Freshmen are required to take PE II.

Advanced Lifetime Fitness
Grades 10-12 / 1 semester / 0.25 credit

This class is designed to allow students to become more comfortable and knowledgeable in a fitness facility setting. The students will improve fitness levels through strength training, flexibility, agility training, speed training and aerobic conditioning. This course will allow students to learn the names of various exercises and equipment a fitness facility has to offer. They will also learn how to properly use equipment and perform various exercises using free weights. Students will be responsible for keeping track of individual goals and daily progress to see personal gains and improvements. Students may take this course multiple years.

SCIENCE DEPARTMENT

Physical Science
Grade 9 / 1 year / 1 credit

Physical Science is a college-prep lab-based course that will address concepts in the areas of Physics, Chemistry and the Universe. Broad areas of study include constant velocity, forces and motion, nature of matter and energy, structures and properties of atoms, and how atoms form elements and compounds. Space science topics include theories of the formation of the universe, formation of the stars, and galaxy formations. Students continue to develop a deeper understanding of the processes of scientific inquiry and how these processes use evidence to support conclusions based on logical reasoning. Skills built in this class will be used as preparation for the advanced science courses. Writing, math skills , and problem solving skills will be stressed.

Biology
Grade 10 / 1 year / 1 credit

Biology is a college-prep, lab-based science that enables students to understand the living environment. Students study life science concepts in four broad categories; cells and their structure and function, genetics and molecular bases of inheritance, biological evolution, and the diversity and interdependence of life. Embedded throughout this course are the basic science processes of inquiry, modeling investigations, and the nature of science. Students learn to trace the historical development of scientific theories, ideas, ethical guidelines in science, the interdependence of science and technology, and the study of emerging issues. This course stresses the appreciation for the complexity of life and the use of the scientific method when exploring this complexity through laboratory activities.

Honors Biology
Grade 10 / 1 year / 1 credit

Honors Biology is an advanced course that is designed for the highly motivated student with a strong interest in the fields of biology, nursing, or medical careers. Honors Biology will thoroughly cover the concepts of the cell and their structure and function, the genetic and molecular bases of inheritance, biological evolution, and the diversity and interdependence of life. Honors Biology has a flipped classroom model, with lectures being completed outside of class on student iPads. Class time will be used to complete complex labs and activities with a class discussion dealing with the data after. The complex labs in this course will also provide you with a way to build your observation, thinking, and problem solving skills. Students will be required to complete written lab reports during each unit. **Prerequisite: "A-" in physical science or permission of the instructor.**

Chemistry
Grades 11-12 / 1 year / 1 credit

Chemistry includes the topics of: taking appropriate data, properties of matter, how particles move, energy and states of matter, describing substances, how particles are arranged, formulas for compounds, chemical reactions, counting atoms and stoichiometry. This course follows a modeling curriculum where students conduct laboratory experiment and then contribute to class discussions based on the results. Chemistry requires adequate reading and writing skills, basic algebra skills, and the ability to think critically and discuss experimental findings. Chemistry is strongly recommended for college preparatory students to build the skills mentioned previously. This is a challenging course for those considering going to a college or university.

Honors Chemistry
Grades 11-12 / 1 year / 1 credit

Honors Chemistry covers all of the topics included in chemistry but at a faster pace. In addition, it will also include more challenging examples to problems, lab work, and more independence than the alternate chemistry course. It is understood that students enrolling in this course can catch on to course material more quickly and analyze more deeply in class discussion. This course is considered to be a predecessor to AP Chemistry as a senior. Honors Chemistry is strongly recommended for college

preparatory students that are considering going into careers in medicine, engineering, research & development, agronomy or other science related areas. **Prerequisite: "B" in biology, physical science and Algebra II CP, or permission of the instructor.**

Environmental Science
Grades 11-12 / 1 year / 1 credit

This course is arranged as a survey of the many areas of science, but it is focused on the topics of consumer chemistry and environmental science. The basic foundations of Earth science, life science, chemistry and physics are incorporated into a further understanding of consumer and industrial products and the impact that these and Earth's inhabitants have on the environment.

Anatomy & Physiology
Grade 11-12 / 1 year / 1 credit

According to the Bureau of Job Statistics, 5 out of the top 10 fastest growing jobs of the next decade will occur in the health care field. Those jobs include physician's assistant, occupational therapy, physical therapy, and nursing. A course in Anatomy and Physiology is essential in preparing for these high need, high wage jobs. This course serves as a survey of the major body systems of the human body. Included in this survey are the skeletal system, the muscular system, the digestive system, the nervous system and others. **Prerequisite: "C" or better in biology.**

AP Chemistry
Grade 12 / 1 year / 1 credit

Please note that this course meets two periods each day. AP chemistry is designed to be the equivalent of the general chemistry course usually taken during the first college year. The major topics include: structure of matter, properties of matter, chemical reactions, reaction kinetics, thermodynamics and equilibrium. This course takes topics from the previous chemistry course and further elaborates on the them. Very little time is spent on lecture, students will conduct more complex lab experiments then last year and then have class discussions dealing with the data. The double period gives the students time necessary to meet the laboratory requirements for the course and the opportunity to work collaboratively with others using more advanced equipment. The labs will also provide you with a way to build your observation, thinking and problem solving skills, along with opportunity for physical manipulations, analysis of data collection and calculations associated with the data. Students will be required to complete written lab experiment summaries similar to a college course. AP Chemistry is strongly recommended for seniors that are considering going into careers in medicine, chemical engineering, environmental science, scientific research & development, agronomy or other science related areas. Students will be required to pay for and take the AP exam in May. **Prerequisite: "B" in chemistry or permission of the instructor.**

Physics
Grade 12 / 1 year / 1 credit

This is a college prep class designed for the students who have a curiosity about the physical world. This course is necessary for engineering, medicine and related fields. Physics is the study of energy in its relationship to matter. It covers the fields of mechanics, heat, light, sound, electricity and magnetism. It includes a great deal of applied mathematics. Students should be familiar with basic algebra, geometry, and trigonometry in preparation for this course. **Prerequisites: Must have completed or be taking Pre-Calculus in conjunction with Physics. It is highly recommended that students take chemistry prior to physics. Teacher approval is needed if chemistry has not been taken.**

Robotics
Grades 11-12 / 1 semester / 0.5 credit

This course will be set up to introduce students to basic programming as well as problem solving strategies. Students will be required to develop, build, and program mobile robots. This will be a lab-based course which will require students to learn how to code, problem solve, and use critical thinking on autonomous mobile robots; all useful skills needed to compete in the 21st century economy. **Prerequisite: This course is space limited and preference will be given to students with an expressed interest in pursuing future STEM or manufacturing related careers.**

SOCIAL STUDIES DEPARTMENT

Global Studies
Grade 9 / 1 year / 1 credit

In this yearlong course, students will continue the chronological study of world history from 1750 to the present. We will consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills.

US Studies
Grade 10 / 1 year / 1 credit

Tenth-grade students continue the chronological study of the history of the United States, with emphasis on domestic affairs. As students study historic eras, they consider the geographic, cultural, economic and governmental changes that have occurred. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods.

Scholastic UpFront will also be incorporated into the class, as well as current events.

American Government
Grade 12 / 1 year / 1 credit

This one-year course is an in depth study of the structure, organization of, and functions of both federal and state government. Units of study include foundations of American government, political behavior, legislative, executive, and judicial branches, comparative political and economic systems, and participation in state and local governments. Students will engage in an intensive study of the United States Constitution and democratic citizenship. Practical applications will be demonstrated through field seminars, simulations, and debates. Development and implementation of foreign policy issues will be examined in light of current world and national events through weekly magazine and newspaper readings.

AP United States Government and Politics
Grades 11-12 / 1 year / 1 credit

AP U.S. Government and Politics is a college level year long course that not only seeks to prepare students for success on the AP Exam in May (required), but also provide students with the political knowledge and reasoning processes to participate meaningfully and thoughtfully in discussions and debates that are currently shaping American politics and society. This course is a political science course that studies the interconnectedness of the different parts of the American political system and the behaviors and attitudes that shape this system and are the byproduct of this system. AP U.S. Government and Politics accomplishes these goals by framing the acquisition of political knowledge around enduring understandings and big ideas about American government and politics that can be applied to a set of disciplinary practices through the use of a set of reasoning processes. Students will be required to participate in the We The People simulated Congressional hearings. **Prerequisite: Recommendation of social studies teacher.**

Economics
Grade 12 / 1 semester / 0.5 credit

Economics is a required course that deals with the science of making choices. The primary objective of the course is to teach students the basic tools of economic concepts, which will enable them to make better choices in the marketplace and the voting booth. Students will learn through practical examples and discussion how our economy is organized and how supply and demand, the government and the Federal Reserve System influence our economy.

Psychology I
Grades 11-12 / 1 semester / 0.5 credit

This course will focus on the basics of psychology. Some topics of interest will include the workings of the nervous system, memory, sensation and perception, dreams, learning, careers, statistics, and abnormal psychology. Readings, videos and speakers will be used to investigate the management of a healthy lifestyle in an ever-changing environment.

Psychology II
Grades 11-12 / 1 semester / 0.5 credit

This course will investigation psychological topics such as motivation, emotions, personality, developmental psychology. Research, article reviews, and videos are tools that will be used to complete the understanding of psychology's contributions in our everyday living. The Birth Order Book is required reading for this class. Psychology I is NOT a prerequisite for Psychology II.

Sociology
Grades 11-12 / 1 semester / 0.5 credit

Sociology is the study of society. In order to understand society we must be able to see the world through the eyes of others. By using this sociological imagination you can understand the world around you. Studying sociology means looking at why things are the way they are and at the relationships between humans and the world around them. Units of study include: Culture and Social Structure, The Individual in Society, Social Inequality, Social Institutions, and The Changing Social World. The class will be project based.

Current Events
Grades 11-12 / 1 semester / 0.5 credit

This course is an elective. Through the scope of a current medium, magazine and/or newspaper, students will become familiar with local, state, national and worldwide events. A strong sense of cultural understanding and sensitivity will be developed as part of the discussion of this class. Classroom discussion/participation is vitally important to the class. This class may be taken more than once for credit.

Senior Seminar
Grades 12 / 1 semester / 0.5 credit

The primary objective of this course is to prepare students for life after high school. Through the topical format of the course students will gain knowledge on several social, financial, and health related issues. Specific units include: college and career readiness, drugs and Alcohol, Health & Wellness, Financial Literacy, and Adult Survivor Skills. An environment will be established where students will analyze these issues along with parental input and community experts. **Note that this course does NOT count towards the Honors Diploma social studies requirement.**

SPANISH DEPARTMENT

Spanish I
Grades 9-12 / 1 year / 1 credit

This course is an introduction to the listening, speaking, reading, and writing of the Spanish language. Basic everyday situations that a young person would be likely to encounter form the core of the material studied. Examples are greetings, family, addresses, eating, activities, and shopping. Methods are suggested to the English-speaking student to help approximate the pronunciation of a native speaker. The sound-spelling system of the Spanish language is outlined as a basis for accurate reading and writing. **Prerequisite: A "C" average in English is strongly recommended before beginning a foreign language.**

Spanish II
Grades 10-12 / 1 year / 1 credit

The language skills of listening, speaking, reading and writing are developed. Vocabulary is expanded to include new topics such as leisure activities, physical fitness, and travel terms. Synonyms for words previously learned will also be studied. **Prerequisite: "C" average in Spanish I or permission from instructor.**

Spanish III
Grades 11-12 / 1 year / 1 credit

Study of the Spanish language will continue to deepen, focusing on new tenses of verb forms including the imperfect, the future, and the conditional. Vocabulary will continue to be expanded, as will the practice of listening to, speaking, reading and writing Spanish in real-life situations. We will also spend time understanding the Spanish culture and history. **Prerequisite: "C" average in Spanish II or permission from instructor.**

Spanish IV
Grades 12 / 1 year / 1 credit

Course content will vary according to interests, goals and needs of students enrolled. The study of the Spanish language will deepen even further, focusing on more complex verb tenses, including the imperative and the subjunctive. Students will continue the practice of speaking, listening to, reading and writing Spanish in real-life situations. In addition, selections are made from the rich literary heritage of the Spanish language, as well placing an emphasis on Spanish culture. **Prerequisite: "C" average in Spanish III or permission from instructor.**