

## TO STUDENTS AND PARENTS OF ADA HIGH SCHOOL

The information contained in this booklet is compiled with the hope that it will be of assistance to students and parents in cooperatively planning the program of study you wish to pursue at Ada High School.

The proper choice of courses is extremely important to an individual's success and future endeavors. Everyone needs to carefully select and analyze his or her selections before a final choice is made for the coming school year. This selection process should be done cooperatively between student, their parents or guardian, and the guidance department.

Please choose wisely with consideration for your abilities, needs, interests, and hopes for the future.

Ada Administration

# ADA HIGH SCHOOL PROGRAM OF STUDIES

## THE OHIO CORE CURRICULUM GRADUATION REQUIREMENTS (Minimum)\*

English	4 units
Mathematics (including Alg II or equiv.)	4 units
Science (Life, Physical & 1 unit of adv. study)	3 units
Social Studies (World, US, Government)	3 units
Health	½ unit
Physical Education*	½ unit
Personal Finance/Economics	½ unit
Communications	½ unit
Electives	5 units
<i>Electives must include:</i>	
Fine Arts (2 semesters)	1 unit
Technology	½ unit
Total Credits	21 units
Testing	Earn 18 combined points on Ohio State Tests (EOCs)

**English and Math Courses:** AHS students must always be enrolled in an English and a Math course

**Fine Arts Courses:** Art, Ceramics, Choir, VS, Band, Crafts, Art Exploration, Theory of Music, R & P Music, Film & Lit

**Technology Courses:** Computer Apps, CAD, Comp. Tech., Digital Graphics, Animation, A/V Production

**Adv. Sciences:** Adv. Chem, Physics, Anat/Phys., Geol., Astronomy

## CLASSIFICATION OF STUDENTS

Freshman = first year in high school

Sophomore = second year in high school

Junior = third year in high school

Senior = fourth (+) year in high school

## COURSE REQUIREMENTS FOR EACH GRADE LEVEL

*Students must be enrolled in at least six (6) classes per day, and seven classes are highly recommended. Exceptions may be approved by the high school principal. (Keep in mind athletic eligibility when requesting exceptions.)*

Grade 8 - Health, Physical Education

Grade 9 - English, Mathematics, Social Studies, Science, Physical Education

Grade 10 - English, Mathematics, Social Studies, Science

Grade 11 - English, Government, Science, Mathematics

Grade 12 - English, Personal Finance, Communications, Mathematics

Students may choose when to take Fine Arts, Technology, and other electives, including Foreign Language, Business and Agriculture courses.

## EARLY GRADUATION

Students who desire to complete their high school graduation requirements at the end of their junior year must complete the application form and provide a planned program to justify this request. Parents, counselors, and the high school principal must agree that this will be to the best advantage for the student before this application will be approved. This application is to be made at the time the student is completing registration during his/her sophomore year. Applications for early graduation are available in the guidance office. Any exceptions to early graduation arrangements will be made in consultation with the guidance counselor, student, parents, and administration. Final decisions will be made by the school administration.

## ATTENDANCE AT GRADUATION EXERCISES

Seniors must meet all graduation requirements to participate in graduation exercises (including earning the required 18 points for end-of-course exams). The opportunity to participate in the graduation ceremony is a privilege. In order to participate, students must wear proper attire, including the cap and gown representative of the school. Seniors who do not wish to participate in graduation exercises may be excused by making written application to the high school principal prior to graduation practice.

### **CREDIT TOWARD GRADUATION** (alternatives)

- I. Tutoring, Educational Travel, Mentoring - Credit for tutoring, mentoring, and educational travel other than home instruction, shall be granted as long as it meets all state minimum standards. Such options and tutors must be approved by the high school principal. Any requests for home instruction must be processed.
- II. College Credit Plus (formerly Post Sec Enrollment Options) - **All** students who wish to participate in College Credit Plus should contact the Guidance Office no later than April 1 of the current school year for additional paperwork. All state mandated guidelines will be followed concerning this program. *College entrance standards limit enrollment – check with the university/college you are considering.* Most universities require ACT scores. Get more info at [www.transfercredit.ohio.gov](http://www.transfercredit.ohio.gov) also Ohio Dept of Ed and Ohio Dept of Higher Ed.
- III. Credit Flexibility Options – In addition to completing traditional coursework, a student may earn units of high school credit based on an individually approved credit flexibility plan. In accordance with state law, a student may earn full or partial credit through demonstrated proficiency of course content. Students interested in this option must request the application and follow the guidelines/deadlines set forth.
- IV. PE Waiver – Beginning with the graduating class of 2017, the student athlete must complete at least two full seasons of AHS interscholastic sports, marching band or cheerleading to earn a waiver. Students who are eligible for a waiver are encouraged to complete at least one quarter-credit of physical education (e.g. a semester PE class during the 8<sup>th</sup> grade year). The waiver must be approved by the principal. Proof or verification of satisfactory participation is required by completing the PE Waiver Request Form.
- V. Junior High Credit - Students who successfully complete Health, Physical Education, Algebra I in eighth grade will receive high school credits for these courses. *Grades for these courses will be included in the high school grade point average.*

### **DIPLOMAS**

**Ohio Diploma** - Complete the high school curriculum or IEP  
- For Class of 2018 and beyond see more info below regarding testing and diploma options

**Academic Honors Diploma** - Same as above AND

Complete all but one of the following:

- a. 4 units of English
- b. 4 units of Math (Alg I, Alg II, Geom and another higher level course)
- c. 4 units of Science (must include 2 units of advanced science)
- d. 4 units of Social Studies
- e. 3 units of one Foreign Language (or 2 units each of two languages)
- f. 1 unit of Fine Arts
- g. 3.5 Grade Point Average
- h. 27 on the ACT or 1280 on SAT

Note: there is also a STEM Honors Diploma, Arts Honors Diploma and Social Science & Civic Engagement Honors Diploma – please refer to <http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas> for more information. Also, for a student to earn the diploma he/she wishes, plans must be made during scheduling opportunities.

**Diploma Options for class of 2018 and beyond** – ALL students take end-of-course exams AND meet one of the following three:

**Option 1** - Students can accumulate a passing score from seven end-of-course exams in Eng 9, Eng 10, Alg I or Int Math I, Geom or Int Math II, US Stud, Am Gov't, Phys Sci in 2014-15 but Biology 2015-16 and beyond. The higher a student scores on any end-of-course exam, the more graduation points he or she earns:

Advanced Level = 5 points

Accelerated Level = 4 points

Proficient Level = 3 points

Basic Level = 2 points

Limited Level = 1 point

When a student reaches 18 graduation points overall, he or she becomes eligible for a diploma. Of these overall points, a student must earn at least four points between the math exams, four points between the English exams, and six points between the science and social studies exams. A student who took Algebra I in 8<sup>th</sup> grade will automatically receive a score of three points for that course exam towards the total points needed for graduation in 2014-2015.

**Option 2** – Earn a remediation-free score on a nationally recognized college admission exam such as ACT or SAT. AHS has selected to give the ACT. Remediation-free scores on the ACT are: English – 18, Reading – 22, Math 22. The state will pay for all 11<sup>th</sup> grade students to take the exam free of charge.

**Option 3** – Earn a State Board of Education-approved, industry recognized credential or a state-issued license for practice in a career and achieve a score that demonstrates workforce readiness and employability on a job skills assessment.

## VALEDICTORIAN/SALUTATORIAN

For the class of 2012 and beyond: the standing or rank in senior class and the top scholastic honors for val. and sal. are determined by averaging semester grades for 9 semesters. To be considered for val/sal, a student must also demonstrate academic rigor. Therefore, the student must have credits in 5 of the 8 following academic subjects: AP History, AP English, Trig/PreCalc, Calculus, Physics, Adv Chemistry, Anat/Phys, and/or 4 years of a foreign language (same language).

## SCHEDULING

The scheduling process will begin in the second semester with the issuing of a Program of Studies. Course offerings for the next school year will be based on student sign-up. Students should make choices after careful consideration. Parents, teachers, and counselors should be involved in the process.

### **Administrative Policy – Minimum Course Selection**

The schedule provides for a student to attend eight periods on the regular schedule. All students in grades 9-12 **are required to enroll for a minimum of 6 full periods each semester** (7 classes highly recommended) excluding lunch. A student may not be scheduled for more than 2 study halls per day. Since many students take a full eight period program, students should select courses that reflect their goals, business placement, or college requirements. Exceptions to this regulation may be made at the discretion of the high school principal.

### **Administrative Policy - Schedule Changes**

It should be remembered that pre-registration affords a student more than ample opportunity to select his/her classes; therefore, schedule changes will be considered during the first four days of the current semester only and *students need to consider the impact on his/her athletic eligibility before requesting a change.*

## MAKE-UP OF COURSE WORK

It is the student's responsibility to make up all work missed as a result of an excused absence from school. As a general rule, a student must make up all missed work and assignments within a three-day period after returning to school. Long-term absence should be cleared through the office and worked out with individual teachers.

## INCOMPLETE

It is the responsibility of the student to take the initiative in the removal of an incomplete. Incomplete work should be cleared no later than the end of the first two weeks of the next grading period. An incomplete at the end of the school year will not be given unless approved by the teacher and building principal. **Incompletes not cleared within two weeks may result in failure of the class.**

## AUDIT POLICY

**PURPOSE** - The purpose of the audit policy is to permit students the option of retaking a course they previously earned credit in. It is expected that students electing this option shall complete all applicable work assignments/exams satisfactorily within the guidelines set forth by the teacher.

**PROCEDURES** - Students requesting this option must have permission from the teacher, administration, and parents before entering the designated class. Entry into a class is contingent on a "space available" basis. Final decision will rest with the teacher and/or administration.

The course being audited does not count as one of the six (6) required courses per semester. Students must secure the six (6) required courses first before considering a course audit. The course being audited will not appear on the student's report card during the semester/year. Quarterly progress reports will be sent to parents with a satisfactory/unsatisfactory notation. A student may be withdrawn from the course by: receiving two (2) consecutive unsatisfactory progress reports, exceeding the limit for excessive absences, by teacher recommendation.

## CAREER CHOICES

Courses chosen during high school become the foundation for future career options; therefore, careful selection of courses will form a path to a chosen career. "Career" implies more than just a job; it includes education, work, and lifestyle. Achieving a successful and satisfying career takes years of planning, studying, training, and hard work.

Career Clusters listed below include related careers that require similar educational backgrounds. Using the information in each cluster, students can plan a Career Plan that enables adolescents to make a successful transition from school to post-secondary education and/or career.

The Career Clusters are:

Agriculture & Environmental Systems, Arts & Communication, Business & Administrative Services, Construction Technologies, Education & Training, Engineering & Science Technologies, Finance, Government &

Public Administration, Health Sciences, Hospitality & Tourism, Human Services, Information Technology, Law & Public Safety, Manufacturing Technologies, Marketing, Transportation Systems

As students register, the above career clusters can be used to guide course selection. Additional information about careers is available in the guidance office, online, and in the school library. Please go to the following website and create an account: [www.ohiomeansjobs.org](http://www.ohiomeansjobs.org). The site offers lots of helpful information through career exploration where the student can create a career profile, plan and resume and search occupations, jobs and career fairs.

Ada High School course selection is determined by requirements, student interest, student ability, and eventual career goals. Students interested in pursuing a four-year college program will select the college preparatory program. Students selecting either direct employment or the two-year career programs must develop skills that will prepare them for the program they desire. Suggested course selection for the four years of high school is listed below. This is a recommended format that should be changed to meet the individual needs of each student.

## **COURSE SELECTION**

### **COLLEGE PREPARATORY - (Suggestions)**

Grade 9	Grade 10	Grade 11	Grade 12
English 9 or Adv	English 10 or Adv	English 11CP	English 12 CP or AP
French or Spanish	French or Spanish	French or Spanish	French or Spanish
World Studies	U.S. Studies	Government	Communications
Algebra I	Geometry	Algebra II	Precalculus /Trigonometry or Calculus
CP Bio	Chemistry	Anat and/or Adv Chem	Physics and/or Adv. Chem
Phys Ed II (sem)	Fine Arts Elective	Tech Elective	Personal Finance
Fine Arts Elective	Tech Elective	Elective	<i>College Credit Plus</i>

Fine Arts , Technology and Foreign Language

*(Students may choose when to take Fine Arts, Technology and Foreign Language Electives.)*

Other valuable courses to include would be Art, Music, Soc Studies electives, Tech, Business, & Agriculture Education

### **APOLLO COURSE OF STUDY - (Suggestions)**

Grade 9	Grade 10	
English 9	English 10	*Tech Prep classes require Int Math or Alg I/Health Careers require C in Bio.
World Studies	Geometry	*OZ option refers to programs that offer the choice of returning to the home school for half of the school day to take courses.
Algebra I	Physical Science	* For a two-year program, a student must have a minimum 8 credits in academic courses consisting of: 2 Eng, 2 Math,
General Biology	U. S. Studies	1 Science, 1 Soc. Stud. and 2 additional state required courses.
Phys Ed II (sem)	Fine Arts Elective	
Tech Elective	Elective	
Fine Arts Elective		
<i>Business or</i>		
<i>Technology or</i>		
<i>Fine Arts or</i>		
<i>Foreign Language</i>		

Other valuable courses to include would be Art, Music, Soc Studies electives, Tech, Business, & Agriculture Education

### **COLLEGE CREDIT PLUS - (Suggestions)**

30 credit hour option	15 credit hour option
Comp Apps – 3 hrs	Comp Apps – 3 hrs
Dig Graph – 3 hrs	Dig Graph – 3 hrs
Animation – 3 hrs	Animation – 3 hrs
Intro to Film – 3 hrs	Intro to Film – 3 hrs
Adv Chem – 3 hrs	Themes in Lit & Film – 3 hrs
Physics – 4 hrs	
Themes in Lit & Film – 3 hrs	
AP Hist & Eng	
CC+ Calc at ONU – 8 hrs	



**The Minimum Core recommended for State Universities:**

The state universities have established minimum standards for students entering college. The standard is called minimum core. This refers to the courses students should have taken while attending high school. The courses at Ada High School that meet the minimum core standards are listed below. A student may be admitted without these courses but will be expected to make up any deficiencies prior to graduation. Private universities establish different enrollment criteria that are specific to each college or major.

**English: 4 units**

English 9, 10, 11, 12

**Math: 4 units** must include Alg II, or equivalent

Math 1, 2, 3, Algebra I, Geometry, Algebra II, Trigonometry, Precalculus, Calculus

**Science: 3 units**

CP Biology, Chemistry, Anat/Phys, Adv. Chemistry, Physics, Geology, Astronomy

**Social Studies: 3 units**

World Studies, U.S. Studies, Government, AP US Hist, Psych, Soc

**Foreign Language: 2 units**

French I, II, III, IV or Spanish I, II, III, IV

**Fine Arts: 1 unit**

Art courses, Music courses

**FOUR-YEAR HIGH SCHOOL PLANNER**

Keep in mind your college, career goals, and type of diploma desired, plan your school program of studies in the space below.

**GRADE 9**

- 1. English 9 \_\_\_\_\_
- 2. World Studies \_\_\_\_\_
- 3. Alg I \_\_\_\_\_
- 4. Science \_\_\_\_\_
- 5. Physical Education \_\_\_\_\_
- 6. Fine Arts \_\_\_\_\_
- 7. Elective \_\_\_\_\_
- 8. Elective \_\_\_\_\_

**GRADE 11**

- 1. English 11 \_\_\_\_\_
- 2. Government \_\_\_\_\_
- 3. Math \_\_\_\_\_
- 4. Science \_\_\_\_\_
- 5. Elective \_\_\_\_\_
- 6. Elective \_\_\_\_\_
- 7. Elective \_\_\_\_\_
- 8. Elective \_\_\_\_\_

**GRADE 10**

- 1. English 10 \_\_\_\_\_
- 2. U.S. Studies \_\_\_\_\_
- 3. Geom \_\_\_\_\_
- 4. Science \_\_\_\_\_
- 5. Tech \_\_\_\_\_
- 6. Elective \_\_\_\_\_
- 7. Elective \_\_\_\_\_
- 8. Elective \_\_\_\_\_

**GRADE 12**

- 1. English 12 \_\_\_\_\_
- 2. PF/Comm \_\_\_\_\_
- 3. Math \_\_\_\_\_
- 4. Elective \_\_\_\_\_
- 5. Elective \_\_\_\_\_
- 6. Elective \_\_\_\_\_
- 7. Elective \_\_\_\_\_
- 8. Elective \_\_\_\_\_

Total Credits Required: 21

## ART

### Art Ia (020012)

**Open to Grades:** 9, 10, 11, 12

**Credit:** ½ unit

**Length:** One semester

**Lab Fee:** \$20.00

**Prerequisites:** None

#### **Description and/or Recommendations:**

Art Ia offers students a wonderful opportunity to apply their creative ability in a constructive manner and to continue to improve their basic drawing and design skills which they have been working with in junior high art. In this first year of high school art, students are given projects that range from realistic to abstract, from 9 x 12 inch paper to 4 x 5 feet cardboard. Students work in the following media: tempera, pencil, charcoal, felt tip pen, India ink, styrofoam and wood.

### Art Ib (020012)

**Open to Grades:** 9, 10, 11, 12

**Credit:** ½ unit

**Length:** One semester

**Lab Fee:** \$20.00

**Prerequisites:** Successful completion of Art Ia with a grade of "C" or better.

#### **Description and/or Recommendations:**

Art Ib completes the first year foundation of knowledge for art students. This class builds on the knowledge and skills introduced in Art Ia. Students work in the following media: tempera, pencil, charcoal, felt tip pen, India ink, styrofoam and wood.

### Art II (020250)

**Open to Grades:** 10, 11,12

**Credit:** One unit

**Length:** One year

**Lab Fee:** \$40.00

**Prerequisites:** Successful completion of Art Ia&b with a C average or better

#### **Description and/or Recommendations:**

The second year of high school art is a continuation of the building of a solid foundation in the basics of our visual arts program. Students are given projects that are more challenging to their creative ability, while at the same time staying within the well-structured program that enables them to improve at a faster rate than other high school art programs. Students continue to work in all the flat media previously mentioned and in acrylics and wood-block printing. Units of study will also include manual photography and graphic design. The three-dimensional media of clay, wood, and wire are also included.

### Art III (020250)

**Open To Grades:** 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** \$40.00

**Prerequisites:** Successful completion of Art II with a C average or better

#### **Description and/or Recommendations:**

In the third year, students begin to develop their own styles, tastes, favorite media, and subject matter. They begin to enjoy the fruits of their two previous years of hard work. Projects are now looking more polished and professional. Because of the degree of difficulty, projects require more time and greater concentration. Stylization of drawing, painting and design are the goals of Art III.

### Art IV (029902)\*

**Open to Grades:** 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** \$40.00

**Prerequisites:** Successful completion of Art III with a C average or better

#### **Description and/or Recommendations:**

The fourth year art student must decide what he/she wants to do with his/her final year of art. The student who has decided to go on to art school or to a college major in the field of art will spend the first semester completing a portfolio for college entrance. The student who is not going to college but would like to be employed in a visual art related field will prepare a portfolio for the job market.

Students who are taking art for enjoyment will go on a teacher/student contract. They decide what media and projects they would like to work in. One semester at a time is planned by the student and approved by the teacher. The number of projects, the type and quality of work are negotiated between the student and teacher for certain grades before the student begins working.

Students who complete all four years of this art program with a B average or better, can enter any art school in the country with the confidence that they are second to no one and can achieve success in their future endeavors in the field of art.

**Ceramics I** (020242)

**Open To Grades:** 9, 10, 11, 12

**Credit:** ½ unit

**Length:** One Semester

**Lab Fee:** \$40.00

**Prerequisites:** None

**Description and/or Recommendations:**

Ada art students will have the opportunity to learn to work with one media, clay. They can become proficient in handbuilding, wheel throwing, glazing, and firing techniques of stoneware clay.

Enrollment has to be limited to ten students per class because of space and equipment. Because of the limited enrollment of ceramics, students will be selected on their previous art class performance.

**Ceramics II** (020242)

**Open to Grades:** 10, 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** \$75.00

**Prerequisites:** Successful completion of Ceramics I with a C average or better

**Description and/or Recommendations:**

Top students from Ceramics I may elect to continue building the skills they began in Ceramics I. They will continue work on the wheel, producing more advanced shapes, larger sizes, and using different clay bodies.

These students will have more responsibilities in firing the kilns, mixing different clays, and making different clays, and making different tools to work with clay. They will learn to mix glazes and to prepare glazes for application. With the knowledge gained from Ceramics II, students will be able to set up their own ceramics studios.

**Special Projects in Ceramics III/IV** (020242)

**Open To Grades:** 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** \$75.00

**Prerequisites:** Successful completion of Ceramics II with a C average or better

**Description and/or Recommendations:**

Similar in content to Art IV, the student can choose to develop a ceramic portfolio for college entrance. Students who are taking ceramics for enjoyment will go on a teacher/student contract. The student will be given added responsibilities of loading, maintaining, and firing kilns - glaze formulation and mixing, and research into various aspects of clay.

**Art Exploration** (offered alternating years)

**Open to Grades:** 10, 11, 12

**Credit:** ½ unit

**Length:** One Semester

**Lab Fee:** \$35.00

**Prerequisites:** none

**Description and/or Recommendations:**

This course will have students become familiar with different periods in art and create projects based on that art movement. Products may include but not limited to fresco painting, black and white photography, sculpture, and printmaking. During the course, the elements and principals of art will be emphasized.

**Art Exploration 2** (offered alternating years)

**Open to Grades:** 10, 11, 12

**Credit:** ½ unit

**Length:** One Semester

**Lab Fee:** \$35.00

**Prerequisites:** none

**Description and/or Recommendations:**

This course will be a continuation of Art Exploration, however you do not need Art Expl 1 to take this class. Students will become familiar with different periods in art and create projects based on that art movement. Products may include but not limited to acrylic painting, photography, sculpture, and printmaking. During the course, the elements and principals of art will be emphasized.

**Crafts Special Projects** (020240)(offered alternating years)

**Open To Grades:** 10, 11, 12

**Credit:** ½ unit

**Length:** One Semester

**Lab Fee:** \$35.00

**Prerequisites:** none

**Description and/or Recommendations:**

The course will introduce fiber arts, paper arts and their manipulation to create artwork that is functional or for display. Products may include but not limited to batik, weaving, stained glass, jewelry, bookmaking and binding, collage, pulp construction, and papermaking. During the course, the elements and principles of art will be emphasized.



**Crafts Special Projects 2** (020240)(offered alternating years)

**Open to Grades:** 10, 11, 12

**Credit:** ½ unit

**Length:** One Semester

**Lab Fee:** \$35.00

**Prerequisites:** none

**Description and/or Recommendations:**

This course will be a continuation of Crafts Special Projects, however you do not need Crafts 1 to take this course. Different areas of crafts will be completed such as relief printmaking, glass art, basket-weaving and so on. During the course, the elements and principals of art will be emphasized.

**ENGLISH**

**English 9** (050160)

**Open to Grades:** 9

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of workbook and novel

**Prerequisites:** None

**Description and/or Recommendations:**

The freshman English program will be a continuation and extension of the junior high program with emphasis on grammar, composition, and literature. Composition will be taught through the writing process and will focus on reflective and creative writing. Grammar will be emphasized and will include basic review of previously learned material. Literature will include all styles of writing including short story, nonfiction, novels, poetry, and drama with emphasis placed on novels, Homer's *The Odyssey*, and Shakespeare's *Romeo and Juliet*. Vocabulary will be stressed in connection with both etymology and reading material.

**Reading Intervention** is a mandatory class for students who are selected that are reading below grade level at the end of 8<sup>th</sup> grade as determined by Star reading scores and teacher recommendation. The course is graded pass/fail and counts as an elective credit.

**English 9 Advanced** (050160)

**Open to Grades:** 9

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of workbook and novel

**Prerequisites:** Earn an A in 8<sup>th</sup> grade ELA and teacher recommendation, also STAR reading scores may be considered

**Description and/or Recommendations:**

The Advanced freshman class will place more emphasis on classic literature, including both American and World literature selections. Composition will move past reflective and creative writing to include research methods and analysis of written text. Grammar will be taught in connection with written work. Literature studied will include all writing styles including short story, nonfiction, novel, poetry, and drama with emphasis placed on novels, Homer's *The Odyssey*, and Shakespeare's *Romeo and Juliet* and be at an accelerated pace. Some novel study will be student choice. Vocabulary will be stressed in connection with both etymology and reading material.

**English 10** (050170)

**Open to Grades:** 10

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of workbook and novel

**Prerequisites:** Grade 9 English

**Description and/or Recommendations:**

This course concentrates on skill building, particularly those skills associated with close reading of both literature and non-fiction. Students will study grammar and vocabulary. They will read a variety of genre and will engage in the writing process to produce essays, synthesis papers, narratives, and short stories. The emphasis of this course is on strengthening basic English skills.

**English 10 Advanced** (050170)

**Open to Grades:** 10

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of workbook and novel

**Prerequisites:** Earn a B or higher in English 9 Adv or an A in English 9 and teacher recommendation

**Description and/or Recommendations:**

This course concentrates on the same Common Core skill building as English 10, however students will read literature classics, including "To Kill a Mockingbird" and "The Autobiography of Frederick Douglass." Students will be required to write college prep level essays of varying length. Students who take advanced 10th grade English should recognize that this is a more intensive English class than English 10. It requires strong reading and writing skills, and students who sign up for the advanced class should expect to be challenged.

**English 11** (050180)

**Open to Grades:** 11

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of workbook and novel

**Prerequisites:** 9 & 10 English

**Description and/or Recommendations:**

Designed primarily for the non-college bound student, this course will emphasize practical skills and reading development. Written communication will center around the writing process. The literature emphasis will be short stories, poetry, drama, and novels from American literature. Vocabulary through literature will be emphasized. This class may be divided into a two-semester split approach or taught as a single year unit. In either case, the student must complete the entire year to earn the required one unit for English. Vocabulary will be stressed in connection with both etymology and reading material.

**English Composition - Rhodes State COM-1110** (050400)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** Cost of workbook and novel(s)

**Prerequisites:** English 9 and 10 with teacher recommendation or Eng 11\*

**Description and/or Recommendations:**

Provides practice in sound organization and effective expression of ideas in original expository and argumentative compositions as well as the research paper. Extensive discussion of rhetorical modes and editing techniques. (This course and Composition and Literature must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**Composition and Literature - Rhodes State COM-2400** (059930)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** Cost of novel(s)

**Prerequisites:** English Composition\*

**Description and/or Recommendations:**

Builds on the writing foundational skills introduced in [COM 1110](#) and emphasizes critical thinking and communication skills to promote skilled academic writing. Using literature as the course content, students focus upon essay writing in multiple genres. This course aims to develop the student's ability to communicate ideas about literature effectively by using the principles of the writing process. (This course and English Composition must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**Introduction to Literature - Rhodes State LIT-2210** (050300)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** TBD

**Prerequisites:** No prerequisite

**Description and/or Recommendations:**

This course serves as an introduction to the three major areas of literature: poetry, prose, and drama. This course may be taken for both high school and Rhodes CCP credit. Students will demonstrate the ability to use research to support original interpretations, to relate texts with historical time periods, to understand major literary movements, and to analyze texts. Class will include one Greek drama and one Shakespearean play. (This course and Intro to Film must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**Introduction to Film - Rhodes State LIT-1450** (059999)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** TBD

**Prerequisites:** No prerequisite

**Description and/or Recommendations:**

This course is designed to focus on a close study of films and film making. This course engages students in the exploration of films: how they are created, what techniques are used to create them and how to read their composition. We will explore film, culture and ideology, and how it is present within the frame. Students will study the meaning inherent in mid-en-scene, sound, acting, directing, kinetics and many other film components. (This course and Intro to Lit must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**The American Short Story - Rhodes State LIT-2250** (050300)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** Cost of novel(s)

**Prerequisites:** A grade of 85% or higher in Eng 10 Adv or Eng 11CP and teacher recommendation\*

**Description and/or Recommendations:**

Centers of American authors and their themes. These themes are often a reflection of the author's education, experiences, and social milieu. The course will focus on the historical, social, philosophical and theological implications of the stories. (This course and British Literature I must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**British Literature I - Rhodes State LIT-2301** (050300)\*

**Open To Grades:** 11, 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** Cost of novel(s)

**Prerequisites:** A grade of 85% or higher in Eng 10 Adv or Eng 11CP and teacher recommendation\*

**Description and/or Recommendations:**

Provides an introductory survey of British literature, spanning from the Old English period to the Early Modern or Renaissance period. In this course, students will be introduced to a variety of literary styles (poetry, essay, drama), and to the historical contexts from which these literary works came. This course requires analytical and critical reading and writing, mastery of objective knowledge of the texts, and culminates in a research project focusing on a specific text from the early period of British literature. (This course and The American Short Story must be taken together)

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**AP English 12** (059930)

**Open To Grades:** 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** Cost of Norton Anthology & AP Workbook;

**Prerequisites:** Grade of A in English 11CP

cost of AP test(approx \$92-to be pd in spring)

Essay and teacher recommendation

cost of selected novels for summer reading

**Description and/or Recommendations:**

This advanced course is designed for seniors who are interested in a higher level of literary analysis and writing competency. The course follows a rigorous curriculum, based on (adapted from) selected syllabi/curriculum from the AP College Board. Novel study will focus on frequently tested and/or cited novels on the AP National Test. Students selecting this course will take the appropriate Advanced Placement Test in May. **Additionally, students will be required to participate in a summer reading assignment, write an essay and complete an in-depth analysis of 3-5 novels, prior to fall classes.** An AP workbook and separate reading materials are also part of the Advanced Placement curriculum. A letter will be sent home in the spring with students who are SERIOUSLY interested in taking the course.

**Communications - Rhodes State Public Speaking COM-2110** (059999)\*

**Open To Grades:** 12

**Credit:** 1/2 unit and/or College Credit\*

**Length:** One semester

**Lab Fee:** None\*

**Prerequisites:** none\*

**Description and/or Recommendations:**

The Communications course is intended as a practical course dealing with the development of communication skills, offering students a unique opportunity to explore several areas of Communication, including interpersonal/group communication, individual public speaking, and debate skills. In addition to partner and small group activities, students will be expected to perform, as well as prepare and deliver, a variety of speeches before an audience. The course is based on the assigned textbook, yet pulls from many outside resources. The class is activity-centered, however tests, quizzes, and written assignments will be given as well. The overall goal of the class is to provide graduating students with an opportunity to become better communicators overall.

\* You must submit an application to Rhodes State to enroll in any of the College Credit Plus courses. You must take the ACT and have an English sub score of 18 to be considered college ready. TAG course

**Yearbook** (059999)

**Open to Grades:** 9, 10, 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** none

**Prerequisites:** approval of instructor and 2.0 gpa – limit of 12 students

**Description and/or Recommendations:**

This class involves all aspects of yearbook production – including ad sales, graphic design, copy writing and marketing. It is important that the students who sign up for this class are capable of working both independently and as a group. They must be self-disciplined and responsible. Students are required to spend time outside of class participating in ad sales and fundraising activities.

The curriculum includes acquisition of basic journalism vocabulary and publication skills, including layout and design. All yearbook design is done online and is technology-based. Class activities center on selection and design of the book's theme, page creation, photography assignments, interview techniques, and advertising strategies.

NOTE: Attendance to assigned extra-curricular events is mandatory! Students must attend 5 of the 9 after school work meetings throughout the school year.

### **Film and Literature – Rhodes State LIT-1450/2450**

**Open to Grades:** 11, 12

**Credit:** One unit

**Length:** two semester classes

**Lab Fee:** TBD

**Prerequisites:** 85% or better in Eng 11 CP or Eng 10 Adv and instructor approval

#### **Description and/or Recommendations:**

This course will address the idea of comparative studies between numerous forms of media (film, short film, television, music) and literature (novels, novellas, essays, graphic novels). The students will develop analytical skills which will help them decipher big picture ideas and overall themes as well as gain writing skills that will be needed and used in a college setting. Also, it will give our students a look at not only cross-media subject matter but also cross-cultural information. Note: must earn 85% in first semester to continue in second semester of class

## **FOREIGN LANGUAGE**

### **French I (060230)**

**Open to Grades:** 9, 10, 11, and 12<sup>th</sup> graders who qualify

**Credit:** One unit

**Length:** One year

**Lab Fee:** Workbook

**Prerequisites:** English grade of 80% or better and recommendation of English teacher

#### **Description and/or Recommendations:**

*Bonjour!* French is spoken on 5 continents and is the second most studied language in the world after English. Learn how to communicate with the more than 300 million people who speak French! We will learn how to greet people, describe ourselves to others, and talk about friends and family. We will concentrate on learning basic expressions, vocabulary, and sentence structure all while becoming aware of French customs, culture, and every-day life.

### **French II (060230)**

**Open to Grades:** 10, 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** Workbook

**Prerequisites:** French I grade of 80% or better and recommendation of French I teacher

#### **Description and/or Recommendations:**

*Bon Appétit!* French food and wines are the most well known in the world. It's only fitting that we should learn vocabulary of French cuisine and even how to cook! We will also study the diverse regions of France, what the areas have to offer, their customs, and what they eat. Other topics will include talking about professions, leisure activities, and travel. All of this will be done while continuing to develop listening, reading, speaking, and writing skills.

### **French III and Ohio Northern University Elementary French I FREN 1011(060230)**

**Open to Grades:** 11, 12

**Credit:** One unit and/or college credit\*

**Length:** One year

**Lab Fee:** none

**Prerequisites:** French II grade of 80% or better and recommendation of French II teacher.

#### **Description and/or Recommendations:**

*Vive la France!* Because France is the most visited country in the world, we will be studying the major sites and monuments it has to offer. Along with this, we will go through major events in French history from prehistoric France through the 20<sup>th</sup> century. Students amplify their abilities to communicate in the language, incorporating all modes of communication - listening, reading, speaking, and writing.

\*For ONU Fren 1001: Elem French I college credit, student must submit application to ONU with ACT scores and transcript and be accepted to ONU's CCP program.

### **French IV and ONU Elementary French II FREN 1021(060230)**

**Open to Grades:** 12

**Credit:** One unit and/or college credit\*

**Length:** One year

**Lab Fee:** Workbook or Paperback book

**Prerequisites:** French III students with a grade of 80% or better who are going on to college and need to pass out of their college proficiency tests. (This is usually equal to 2 years of college French.)

**Description and/or Recommendations:**

*Les Beaux Arts* Some of the most invaluable contributions to literature and art come from the French. This year, students will continue to develop communication skills through a study of French literature and a study of famous French artists. Activities will include skits, artistic projects, and other cultural enrichment activities. An emphasis is placed on reading and listening comprehension and oral and written expression as students prepare to advance to the university level.

\*For ONU Fren 1021: Elem French II college credit, student must submit application to ONU with ACT scores and transcript and be accepted to ONU's CCP program.

**Spanish I** (060265)

**Open to Grades:** 9, 10, 11, and 12<sup>th</sup> graders who qualify

**Credit:** One unit

**Length:** One year

**Lab Fee:** workbook

**Prerequisites:** English grade of 80% or better and recommendation of English teacher

**Description and/or Recommendations:**

*¡Bienvenidos!* In Spanish I, students learn how to greet people, describe themselves and to talk about friends and family, their daily lives as well as function in a restaurant. Students will concentrate on communicating in the language. In Spanish I, students learn basic expressions, vocabulary, and sentence structure all while becoming aware of Hispanic customs, culture, and every-day life. Imitation and repetition are emphasized, with writing limited to guided practice.

**Spanish II** (060265)

**Open to Grades:** 10, 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** workbook

**Prerequisites:** Spanish I grade of 80% or above and recommendation of Spanish I teacher.

**Description and/or Recommendations:**

*¡Qué divertido!* In Spanish II, students learn how to function in the Spanish-speaking world. Students further develop communication skills acquired in Spanish I - listening, reading, speaking, and writing. This will be done by learning to shop in a supermarket and Latin American markets and to function train and metro stations as well as the airport. Other themes include exploring leisure activities and hispanic legends.

**Spanish III** (060265)

**Open to Grades:** 11, 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** workbook

**Prerequisites:** Spanish II grade of 80% or above and recommendation of Spanish II teacher.

**Description and/or Recommendations:**

*¡Viajamos!* In Spanish III, students learn how to function in the world of travel. They learn how to function in a hotel, get around a city, ask for and follow directions. Other themes include cooking and health and fitness. Students amplify their abilities to communicate in the language, incorporating all modes of communication - listening, reading, speaking, and writing.

**Spanish IV** (060265)

**Open to Grade:** 12

**Credit:** One unit

**Length:** One year

**Lab Fee:** None

**Prerequisites:** Spanish III grade of 80% or above and recommendation of Spanish III teacher.

**Description and/or Recommendations:**

*¡Viviendo en el mundo global!* During the fourth year of study, students explore global topics including, immigration, the environment, getting a job as well as specific studies of geography, history, art, cuisine, music and dance, and literature. The year is culminated by planning an imaginary trip to a Spanish-speaking country. Current events are also discussed. At this level students perfect their abilities to communicate in the language. An emphasis is placed on reading and listening comprehension and oral and written expression as students prepare to advance to the university level.

## **HEALTH AND PHYSICAL EDUCATION**

**Health I** (260101)

**Open to Grades:** 8, 9 and others with permission of the principal

**Credit:** 1/2 unit

**Length:** One semester

**Lab Fee:** None

**Prerequisites:** None

**Description and/or Recommendations:**

Modern Health is designed to give a positive approach to better health habits in personal and community living. The health of the individual is the most important single factor in the development of a well-rounded person. In view of this, our health education will be considered an integral part of the total education program. Each student recognizes the physical, emotional, social, and mental changes, which occur within themselves and others. Units of study will include topics of personality, mental illness, body systems, first aid, the reproductive system, alcohol, smoking, A.I.D.S., and drugs. We will also attempt to have various speakers come into the class to talk about certain topics.

**Physical Education** (080300)**Open to Grades:** 8, 9 and others with permission of the principal**Credit:** 1/4 unit**Length:** One semester**Lab Fee:** None**Prerequisites:** none**Description and/or Recommendations:**

Physical education is a sequence of activities consisting of physical fitness, handball, football, softball, volleyball, ultimate Frisbee, basketball, and the lifetime sports of badminton, Ping-Pong and shuffleboard. These activities will be taught in units with each student given the opportunity to participate in all activities.

**Lifetime Physical Fitness** (080405)**Open to Grades:** 9-12**Credit:** 1/4 unit**Length:** One semester**Lab Fee:** None**Prerequisites:** none**Description and/or Recommendations:**

Activities taught throughout the school life with emphasis on learning experiences that can be turned into healthful lifetime skills. Focus will be on all aspects of fitness including: core strength, flexibility, cardio, and muscular strength and endurance (weight room one day per week).

**Isotonics** (080300)**Open to Grades:** 9-12**Credit:** ½ unit**Length:** 1 year**Lab Fee:** None**Prerequisites:** None**Description and/or Recommendations:**

*Isotonics* deals with the conditioning of the human body. Students will learn the fundamentals of how to improve his/her strength and flexibility through the use of proper teaching of strength training exercises, basic nutrition, and basic kinesiology. The class will consist of four days of physical training with one-day lab. Students will be required to participate in all strength training aspects of the class in order to gain credit. Gym clothes are required. *NOTE: This course can take the place of PE and can be repeated.*

**MATH****Algebra I** (110301)**Open to Grades:** 9**Credit:** One unit**Length:** One year**Lab Fee:** Workbook**Prerequisites:** successful completion of previous math class**Description and/or Recommendations:**

The content of this course is organized around the families of functions with special emphasis on linear, quadratic, and exponential functions. Students will learn to represent functions as verbal descriptions, equations, tables and graphs. They will also learn to model real-world situations using functions in order to solve problems. Topics covered include, but are not limited to, solving and graphing linear & non-linear equations and inequalities, writing linear & non-linear equations, solving systems of linear & non-linear equations and inequalities, simplifying expression using properties of exponents and graphing exponential functions, solving and factoring polynomial, quadratic, and exponential functions and equations. Data analysis and probability will also be introduced.

**Technology:** Graphing is essential and students will learn to use a graphing calculator.

A TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Math Intervention** is a mandatory class for students who are at-risk of passing Algebra I as determined by 8<sup>th</sup> grade math scores and teacher recommendation. The class will be graded pass/fail and counts as an elective credit.

**Geometry** (111200)

**Open to Grades:** 9, 10

**Length:** One year

**Prerequisites:** Successful completion of Alg I

**Credit:** One unit

**Lab Fee:** Workbook

**Description and/or Recommendations:**

This course explores Euclidean geometry through a balance of informal investigation and proof as a means of constructing a mathematical model of the real world. Topics covered include definitions, postulates and theorems of points, lines, planes, angles, triangles, polygons, circles, parallel lines, perpendicular lines, area and volume of geometric solids, right triangle trigonometry, and constructions.

**Technology:** Students will use the appropriate functions of a graphing calculator to enhance their learning. A TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Math Intervention** is a mandatory class for students who are at-risk of passing Geometry as determined by Algebra I scores and teacher recommendation. The class will be graded pass/fail and counts as an elective credit.

**Applied Algebra II** (110500)

**Open to Grades:** 11

**Length:** One year

**Prerequisites:** below 75% in Alg I or Geom or below proficient on the Alg I or Geom EOC and recommendation of teacher

**Credit:** One unit

**Lab Fee:** Workbook

**Description and/or Recommendations:**

This course includes state standards from Geometry and Algebra 2. A main focus for the course will be applying those standards together and in real world situations.

**Technology:** Graphing is essential and students will use a graphing calculator. A TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Algebra II** (110302)

**Open to Grades:** 10, 11, 12

**Length:** One year

**Prerequisites:** Grade of 75% or above in Geom or below 75% in Int Math III and rec of math teacher

**Credit:** One unit

**Lab Fee:** Workbook

**Description and/or Recommendations:**

This course employs contemporary approaches that develop the real and complex number systems and their properties. The course will illustrate the three global key aspects of Algebra 2 – equations, graphing, and applications. There is a focus on problem solving that introduces students to various problem solving strategies. Topics covered include, but not limited to, are linear equations and inequalities, relations and functions, systems of linear equations and inequalities, matrices, quadratic functions with an emphasis on factoring and the quadratic formula, polynomials and polynomial functions, exponents, roots, and radicals.

**Technology:** Graphing is essential, a TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Precalculus/Trigonometry** (110099/111600)

**Open to Grades:** 11, 12

**Length:** One year

**Prerequisites:** 75% or above in Alg II or successful completion of Alg III and rec of math teacher

**Credit:** One unit

**Lab Fee:** None

**Description and/or Recommendations:**

As a foundation for the study of calculus, this course engages the student in a detailed study of the function concept. Topics covered, but are not limited to, the review of algebra and geometry concepts, graphing techniques of functions, solving a variety of equations, polynomial and rational inequalities, quadratic and power functions, rational and polynomial functions, real and complex zeros, exponential and logarithmic functions, one-to-one and inverse functions, right triangle trigonometry, and applications of trigonometric functions, radian measure, unit circle, inverse trigonometric functions, solving trigonometric equations and trigonometric applications. This course demonstrates the value of technology, through the use of a graphing calculator, as a tool for learning that enhances the understanding of the concepts studied.

**Technology:** **Technology:** A TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Calculus** (110600)

**Open to Grades:** 12

**Length:** One year

**Prerequisites:** Successful completion of Precalc/Trig and rec of math teacher – highly recommended for students who anticipate a career in science, medicine, engineering or mathematics

**Credit:** One unit

**Lab Fee:** Workbook

**Description and/or Recommendations:**

The course covers a review of fundamental concepts and then proceeds with a development of the limit concept and continuity. Differentiation of rational and trigonometric functions is examined in depth. Other topics included are related rates, extreme value problems, Rolle's Theorem and Mean Value Theorem. Numerical, algebraic, and graphical techniques are utilized throughout this course with the emphasis on problem solving.

**Technology: Technology:** Graphing is essential and students will learn to use a graphing calculator. A TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**Algebra III** (111850)**Open to Grades:** 11, 12**Credit:** One unit**Length:** One year**Lab Fee:** Workbook

**Prerequisites:** 75% or above in Int Math III or below 75% in Alg II and rec of math teacher (NOT an option for students who have successfully completed Precalc/Trig)

**Description and/or Recommendations:**

This course is designed for those students who are college bound (four year program) and need to reinforce their pre-college math skills. Topics covered, but not limited to include set theory, the real number system, graphs and functions, systems of linear equations and inequalities, systems of numeration, right triangle trigonometry, measures of central tendency, probability, rational functions, polynomial functions and solving. Other topics of focus include ACT math review as well as practicing for college entrance exams.

**Technology:** Graphing is essential, a TI83+ or TI84+ graphing utility **is required**. Computer access will be necessary for various activities and projects.

**MUSIC****Choir** (120400)**Open to Grades:** 9-12**Credit:** 1 unit**Length:** One year**Lab Fee:** \$24.00 choir fee (due with fall school fees)

**Prerequisites:** A passing grade in choir the previous year. Those wishing to be in choir who have not been in choir the previous year must get the approval of the Choir director.

**Description and/or Recommendations:**

Concert Choir is a beginning level choral experience in which students will develop their musicianship skills. Students will learn to value and understand their unique vocal instrument and the contribution they can make to a musical ensemble. The students develop skills necessary to sing a variety of styles of choral music. Emphasis will be given to proper vocal development, as well as to quality choral sound, music theory, and sight-reading. . Students will perform in a variety of venues and idioms within the vocal music discipline; including concert choir, musical theater, as well as other performances scheduled on a yearly basis by the choir director. Participation in concerts is required. Enrollment = 80 member ceiling unless approved by director and/or principal. Students will be graded on their class participation, musical contribution and performance participation.

**Chorus-Select (Varsity Singers)** (120400)**Open to Grades:** 9-12**Credit:** One unit**Length:** One year plus a summer retreat/camp**Lab Fee:** \$24.00**Prerequisites:** Audition only

Additional fees to be paid to Ada Music Boosters include, but may not be Limited to: 160.00 membership fee, \$35 travel spirit pack, costume  
**Pieces, shoes, hair pieces, make up, etc Installments can be arranged**

**Description and/or Recommendations:**

Varsity Singers is an advanced-level auditioned group chosen from interested members of the choir program. A combo band is also selected. Students should be committed to a high level of musicianship and performance skills. Members will be selected on the merit of vocal ability, dancing ability, showmanship, and attitude. A 5 day retreat is required in the summer of each year. All participants (singer/dancers, band players and crew members) will also learn Concert Choir repertoire during class time be considered both a concert choir and varsity singer member. In addition to meeting daily during 1<sup>st</sup> period, Varsity Singers rehearses outside of the regular school day – details to be determined by the Choir director. Students will perform in a variety of venues and idioms within the vocal music discipline; including, show choir, concert choir, musical theater, as well as other performances scheduled on a yearly basis by the choir director. The curriculum focuses on a varied repertoire of music (including show choir and concert choir literature), proper vocal technique, ensemble singing, music theory and sight-reading. This group does extensive traveling for competitions. *Stage crew members must also audition and selected as part of the group.*



**Band** (120500)

**Open to Grades:** 9-12  
**Length:** One year plus band camp  
**Prerequisites:** Previous Instrumental Experience

**Credit:** One unit  
**Lab Fee:** \$45.00 rental of uniform and will pay for 2 dry-cleanings per year due by August 20 also need 2 pr. black cotton gloves and 2 pr. black socks

**Description and/or Recommendations:**

Students who play instruments are encouraged to become band members. All band members are required to participate in marching and concert bands. *Football players* will be excused from playing in the marching band during football season ON FRIDAY NIGHTS ONLY, but will be asked to march in all practices, parades and competitions. Students with medical problems that are excused by a doctor will also be released from marching. *Partial credit will be given to students who participate in band less than a full year, including Flags and Majorettes.* Because performance is an intricate part of the band's curriculum, participation in parades, contests, football games, as well as concerts, outside of the classroom is required. Concert Band meets 5 times a week during the regular school day with additional ensemble rehearsals as needed. Marching band will meet after school as needed.

**Mechanics and Theory of Music**(120300)

**Open to Grades:** 9-12  
**Length:** One semester  
**Prerequisites:** previous choral or instrumental experience

**Credit:** 1/2 unit  
**Lab Fee:** none

**Description and/or Recommendation:**

This course will explore the inner workings of music through an exploration of musical mechanics. Students will study and discuss the mechanics of notation, scales and key signatures, chords, musical analysis and form. In addition to studying and analyzing music, students will also work with music notation software, MIDI looping software and other music authoring technologies.

**Rock and Pop Music Exploration**(120300)

**Open to Grades:** 9-12  
**Length:** One semester  
**Prerequisites:** none

**Credit:** 1/2 unit  
**Lab Fee:** TBD

**Description and/or Recommendation:**

This is a non-performance based music course (students are not expected to sing or play an instrument). Students will listen to, discuss, and examine the culture and social climate that prompted and was affected by popular music from the 1960's through the present day. Projects will include students examining social issues in America (counter-culture movements, wars, etcetera) and identify the way that popular music genres reacted to these events. Student will be expected to bring in their own music to discuss and compare with other music.

**Musical Theater Literature/Workshop**(120300)

**Open to Grades:** 9-12  
**Length:** One semester  
**Prerequisites:** one year choral experience

**Credit:** 1/2 unit  
**Lab Fee:** none

**Description and/or Recommendation:**

This course is designed for students interested in obtaining knowledge of the musical theatre genre and developing their skills with musical theatre, specifically the work of the actor interpreting song and text in musicals. This course will primarily focus on works in the 21<sup>st</sup> century through solos, duets and large group numbers. This is a hands-on learning course that will provide the foundations for developing, analyzing, and establishing character choices for the musical theatre stage. This course also offers instruction on set, costume and lighting design.

**SCIENCE**

**General Biology** (132230)

**Open to Grades:** 9  
**Length:** One year  
**Prerequisite:** None

**Credit:** One unit  
**Lab Fee:** yes

**Description and/or Recommendations:**

Biology is the study of life. This course is intended to give students the necessary background to understand the fundamentals of Biology. Lab techniques, terminology, and scientific applications will be emphasized. Major topics include: the diversity and interdependence of life, heredity, evolution, and cell function and structure. Students will be introduced to the three domains of life and take a tour through modern taxonomy with dissections culminating at the end of the year.

**CP Biology** (132230)**Open to Grades:** 9**Credit:** One unit**Length:** One year**Lab Fee:** yes**Prerequisites:** B or higher as the final average in 8<sup>th</sup> grade science and teacher recommendation**Description and/or Recommendations:**

Biology is the study of life. This class is intended to give the college bound student the broad background necessary to be prepared for a college Biology course. Lab techniques, terminology, and scientific applications will be emphasized. Major topics include: the diversity and interdependence of life, heredity, evolution, and cell function and structure. Students will be introduced to the three domains of life and take a tour through modern taxonomy with dissections culminating at the end of the year. This course moves deeper into concepts and details than the General Biology class while still covering the fundamental Biology concepts.

**Physical Science** (132220)**Open to Grades:** 10**Credit:** One unit**Length:** One year**Lab Fee:** yes**Prerequisites:** none**Description and/or Recommendations:**

This course is an introductory physical science course with little emphasis on mathematical concepts. It is intended to strengthen concepts introduced at the junior high/middle school level. The course will be approximately one semester of chemistry and one semester of physics. Newton's laws, linear motion, sound, heat, light, chemical formulas and equations, atomic theory and structure as well as the history and nature of science will all be investigated.

**Chemistry** (130301)**Open to Grades:** 10**Credit:** One unit**Length:** One year**Lab Fee:** yes**Prerequisites:** Algebra I or Int Math I and II and teacher recommendation**Description and/or Recommendations:**

Chemistry is a physical science that explores the study of matter. Students will investigate common substances and their uses, write chemical formulas and equations and solve problems using quantitative relationships. Students will learn to analyze and apply as well as work safely in laboratory situations. The history and nature of science will be emphasized and critical thinking skills will be fostered and encouraged. Chemistry is a college preparatory course and serious consideration should be given to taking chemistry if the student plans to attend college.

**Advanced Chemistry and Ohio Northern University CHEM 1001** (132326)\***Open to Grades:** 11, 12**Credit:** One unit and/or college credit\***Length:** One year**Lab Fee:** yes (Student must provide goggles and a notebook)**Prerequisite:** B or higher in Chemistry\*  
(C with teacher & principal approval)**Description and/or Recommendations:**

Advanced Chemistry is both qualitative and quantitative in nature with an emphasis on laboratory explorations. A number of labs will be done interactively with computers. Topics introduced in Chemistry will be further developed. These topics will include acid-base chemistry, oxidation-reduction, equilibrium, molecular geometry and bonding, intermolecular forces and stoichiometry. Students considering a career in the sciences should seriously consider taking Advanced Chemistry.

\*For ONU Chem 1001: Chemistry in Society college credit, must submit application to ONU with ACT scores and transcript, along with teacher recommendation and be accepted to ONU's CCP.

**Anatomy and Physiology** (132330)**Open to Grades:** 11, 12**Credit:** One unit**Length:** One year**Lab Fee:** Fee for preserved specimens**Prerequisites:** Students must have earned a C or higher as the final average in CP Bio or receive special permission from the instructor and principal.**Description and/or Recommendations:**

This is a course for students who have completed CP Biology. This course emphasizes human anatomy and physiology with a portion of the class time devoted to laboratory study of a preserved cat specimen. This course would be especially helpful to those students who plan to enter the medical field.

**Physics and Ohio Northern University Physics 2411** (130302)\*

**Open to Grades:** 12

**Length:** One year

**Prerequisites:** B or higher in Algebra II\*  
(C with teacher & principal approval)

**Credit:** One unit and/or college credit\*

**Lab Fee:** yes (Student must provide notebook.  
Student must pay admission to Cedar Point  
Physics Day)

**Description and/or Recommendations:**

Physics is designed for any student who wishes to enter fields such as mathematics, chemistry, engineering, medicine, etc. This course covers mechanics, heat, light, and sound. A strong math background is essential for this course. Physics deals with applications of physical principles. We will explore the motion of objects, the workings of a machine, the reason a skater pulls his or her arms in during a spin, what makes the best roller coaster and other phenomena. Group work is an essential component of the course. The final exam is a trip to Cedar Point for Physics Day. No students are required to ride rides. Students considering a career in the sciences should seriously consider taking physics.

\* For ONU Phys 2411: General Physics college credit, must submit application to ONU with ACT scores and transcript, along with teacher recommendation and be accepted to ONU's CCP.

**Geology** (132240)

**Open to Grades:** 11, 12

**Length:** One semester

**Prerequisites:** None

**Credit:** 1/2 unit

**Lab Fee:** none- Students are responsible for admission fee  
to the Ohio Caverns

**Description and/or Recommendations:**

Geology is the study of the Earth and how its processes work. Topics will range from the formation of rocks to understanding of the minerals that made them. Earth shaping events such as earthquakes and volcanic activity will be covered. In addition, students will study geologic time, fossils, and the history of the Earth.

**Astronomy** (132240)

**Open to Grades:** 11, 12

**Length:** One semester

**Prerequisites:** None

**Credit:** 1/2 unit

**Lab Fee:** none- Students are responsible for admission fee to the  
Bowling Green Planetarium.

**Description and/or Recommendations:**

Astronomy will include a brief history from earliest notions to modern day findings based on recent space flights. A study of the make up of the planets of our solar system and their satellites is included as well as observations of stars, constellations, and their movements. Students will be required to attend one star gazing activity during evening hours.

**SOCIAL STUDIES**

**World Studies**(150890) *from 1750 to the Present: Age of Revolutions through the 20<sup>th</sup> Century*

**Open to Grades:** 9

**Length:** One year

**Prerequisite:** None

**Credit:** One unit

**Lab Fee:** None

**Description and/or Recommendations:**

This course begins with the enlightenment and finishes with modern world history. Six instructional units, each organized around a historic era, anchor this course of study. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems and various forms of government. Students gain a deeper understanding of the role of citizens and continue to develop their research skills. The social studies skills and methods benchmarks can be incorporated into each of the units by using research projects and presentations.

**U.S. Studies II** (150810) *from 1877 to the Present: Post-Reconstruction through the 20<sup>th</sup> Century*

**Open to Grades:** 10

**Length:** One year

**Prerequisites:** None

**Credit:** One unit

**Lab Fee:** none

**Description and/or Recommendations:**

This required course begins with the Reconstruction Era in United States history and finishes with modern American history. Students study the history of the United States with emphasis on domestic affairs. Nine instructional units, each organized around an historical era, anchor this course of study. As students study historic eras, they consider the influence of geography, culture, economy and government change. Students develop a deeper understanding of their role as citizens and continue to expand their command of social studies skills and methods. Content for the course aligns with the AIR assessment and preparing students to be 21<sup>st</sup> century learners.

**American Government** (150300)

**Open to Grades:** 11

**Length:** One year

**Prerequisites:** None

**Credit:** One unit

**Lab Fee:** None

**Description and/or Recommendations:**

This course's purpose is to educate each student about the origins of the United States government, the structure, and the processes that exist to keep our nation functioning as a true democratic republic. Specifically we will discuss the efforts of our Founding Fathers, the Constitution and federalism, Congress, the Presidency, the court system, campaigns and voting, Ohio government and economics. By the end of the course, each student should be more aware of the issues that they face American citizens and future voters.

**Economics** (150600)

**Open to Grades:** 12

**Length:** One semester

**Prerequisites:** none

**Credit:** ½ unit

**Lab fee:** none

**Description and/or Recommendations:**

This **required** course will present relevant monetary concepts to students as they prepare to go into the real world. The class will improve student's ability to make critical financial decisions affecting their lives. Some topics to be covered include: budgeting, credit, insurance, taxes, and investment.

**AP U.S. History** (150810) *NOTE: Offered on an alternating basis so offerered during '18-'19 school year!*

**Open to Grades:** 11, 12

**Length:** One year

**Prerequisites:** B in US Studies & in English

**Credit:** One unit

**Lab Fee:** AP Test Registration Fee (approx. \$92.00)  
Possible Paperback Books

**Description and/or Recommendations:**

The AP program in U.S. History is designed to provide students with the analytical skills and factual knowledge necessary to deal with the problems and materials in U.S. History. AP U.S. History is a challenging course that is meant to be the equivalent of a freshman college course and can earn students college credit. It is a yearlong survey of U.S. History from the colonial period to present. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Throughout the year, students will be introduced to typical questions used on the AP exam that is administered in May. All students enrolled in the course are required to take the AP exam.

**Psychology** (151121)

**Open to Grades:** 11, 12

**Length:** ½ year (1<sup>st</sup> semester)

**Prerequisites:** None

**Credit:** ½ unit

**Lab Fee:** None

**Description and/or Recommendations:**

This semester long survey course provides students an opportunity to explore basic psychological concepts. Students are introduced to prominent psychologists and their fundamental theories. Also included in the course is a study of various psychological disorders. Students will be expected to do research and writing in this course.

**Sociology** (151300)

**Open to Grades:** 11, 12

**Length:** ½ year (2<sup>nd</sup> semester)

**Prerequisites:** None

**Credit:** ½ unit

**Lab Fee:** None

**Description and/or Recommendations:**

This semester long survey course introduces students to a deeper level of sociology than they are exposed to in Ada's required social studies classes. Prominent sociologists and their various theories of sociology are introduced and studied. Students will be expected to do research and writing in this course.

**Contemporary Issues** (159999)

**Open to Grades:** 10, 11, 12

**Length:** full year

**Prerequisites:** None

**Credit:** 1 unit

**Lab Fee:** None

**Description and/or Recommendations:**

Contemporary issues will examine current foreign and domestic issues and the relevance of those issues on American society. Students will explore current events from both a historical and regional context, in order to gain a deeper appreciation and understanding of the issues of the 21<sup>st</sup> century. Students will apply critical thinking and research based learning in an effort to shape their own world view, while gaining a deeper understanding of the historical, political, social and economic factors that influence our decision makers.

**D.O.G.S. Volunteer** (300020)**Open to Grades:** 9-12**Credit:** ½ unit or One unit**Length:** ½ year or full year**Lab Fee:** None**Prerequisites:** Maintain passing grades, Demonstrate good citizenship skills, and Maintain good attendance**Description and/or Recommendations:**

D.O.G.S. Volunteer aka Doing Our Good Service – Volunteering is at the heart of civic engagement and character education. This is a project that involves high school students volunteering to work with individuals, groups, or to address a school need. High school students will benefit from this experience through personal development, academic achievement, career exploration, and good citizenship. Volunteering for high school credit focuses on real needs in the school or in the community in which services provided by high school students will support the learning goals of the students and the Ada Exempted Village School District. High school students will engage in tutoring and other activities assigned by the cooperating teacher/supervisor, 5 times per week for 40 minute sessions to earn credit. This project is available for one half or one full credit, depending on the nature of the individual service plan. The grade will be Pass/Fail. Students must keep a log of hours and a journal which will be checked periodically by the teacher of record. NOTE: this does not count as a class!!! Must sign up for 6 classes still and will only have 1 SH!

**S.T.E.M. – Computer Science****CS Video Game Design****Open to Grades:** 9-12**Credit:** ½ unit**Length:** One semester**Lab Fee:** TBD**Prerequisites:** None**Description and/or Recommendations:**

This course is an introductory overview of video game design and development through using the fundamentals of the game industry. The game industry now generates more revenue than the movie and music industries combined, with steadily increasing career opportunities. Students who complete this course will have a strong foundation to pursue further study in game design, game development, or related studies in computer science or the creative arts. Students will learn about the elements that define a video game, as well as content creation strategies to make games more engaging. Students will also gain an understanding of the game development process through the concepts of iterative design, game documentation, and the various phases of game development. This course also includes a brief history of video games and a discussion of industry professions. Students will learn basic computer programming, game creation, and debugging skills. In the course, students will use GameMaker to design and develop their own original games, performing coding and design documentation tasks.

**CS Mobile Apps Design****Open to Grades:** 9-12**Credit:** ½ unit**Length:** One semester**Lab Fee:** TBD**Prerequisites:** None**Description and/or Recommendations:**

CS Mobile Apps Design is an introductory CS principles course that focuses on mobile computing that builds practical and socially useful apps. The course has a project-based focus with an emphasis on writing and communication. With video and text-based lessons, students will use a step-by-step process building progressively more complex apps. Collaboration and creativity will be encouraged through a team focus approach.

**CS Discoveries** (290200)**Open to Grades:** 9-12**Credit:** ½ unit**Length:** One semester**Lab Fee:** TBD**Prerequisites:** None**Description and/or Recommendations:**

CS Discoveries is an introductory Computer Science course that empowers students to create authentic artifacts and engage with CS as a medium for creativity, communication, problem solving, and fun. CS Discoveries has the Maker ethos embedded throughout, providing students the opportunity to see and participate in the physical act of creation alongside the more abstract elements of computer science. CS Discoveries introduces students to computer science as a vehicle for problem solving, communication, and personal expression. The course focuses on the visible aspects of computing and computer science, encouraging students to see where computer science exists around them and how they can engage with it as a tool for exploration and expression through web development, interactive games and animation and the design process.

**VEX Engineering Robotics I** (175004)

**Open to Grades:** 9-12

**Length:** One semester

**Prerequisites:** None

**Credit:** ½ unit

**Lab Fee:** TBD

**Description and/or Recommendations:**

Introductory robotics course where students begin by learning about engineering and engineering problem solving using the Engineering Design Process through VEX EDR robots and Autodesk® Inventor®. Students will be presented with an engineering challenge to design and build a robot to play a sport-like game while presenting them with relevant STEM and Robotics principles. The course concludes with each team's designed VEX robot competing with other teams in the classroom head-to-head. The lessons align to CSTA Computer Science and ISTE standards, and reinforce concepts and skills taught in other subject areas by integrating national Math, English Language Arts, and Science standards.

**Computer Apps in the Work Place – Rhodes State CPT-1250\***(036000)

**Open to Grades:** 9, 10, 11, 12

**Length:** One semester

**Prerequisites:** Keyboarding preferred\*

**Credit:** ½ unit and College Credit\*

**Lab fee:** none\*

**Description and/or Recommendations:**

This course is designed to introduce the 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, and presentation software. 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. Self-paced and proficiency exam options available. Some keyboard experience is recommended.

\*\*You must submit an application to Rhodes State to enroll in any courses for high school and college credit. You must have a minimum 2.0 gpa

**Computer Apps. II, III, IV**(036000)

**Open to Grades:** 9, 10, 11, 12

**Length:** One semester

**Prerequisites:** Word I, Excel I

**Credit:** ½ unit

**Lab fee:** none

**Description and/or Recommendations:**

Students will have eighteen weeks to learn two of the programs listed below

- Word II
- Excel II
- Powerpoint
- Publisher

**TECHNOLOGY**

**CAD I** (100300)

**Open to Grades:** 9-12

**Length:** One year

**Prerequisites:** None

**Credit:** One unit

**Lab Fee:** yes

**Description and/or Recommendations:**

This introductory course emphasizes the types and uses of drawings in the shop and industry. The student will learn to express his/her ideas, by sketching initially then moving to CAD software (AutoCad LT) to solve practical problems in three view drawings, pictorial drawings, and various other areas of graphic expression.

**CAD II** (100300)

**Open to Grades:** 10-12

**Length:** One year

**Prerequisites:** CAD I

**Credit:** One unit

**Lab Fee:** yes

**Descriptions and/or Recommendations:**

This course is to introduce the student to the field of architecture (drawing of buildings & residential structures). The study of how a home is constructed is also introduced. A basic home is designed, drawn, and modeled using CAD software and built in ¼ scale.

**CAD III** (100300)

**Open to Grades:** 11, 12

**Length:** One year

**Prerequisites:** CAD I & CAD II

**Credit:** One unit

**Lab Fee:** yes

**Descriptions and/or Recommendations:**

Build on skills learned in CAD I and II. Considerable time is spent in further development of designing skills. Time is also spent in shading and rendering, perspective and other advanced drafting techniques.

**A/V Production**

**Open to Grades:** 9-12

**Length:** One semester

**Prerequisites:** None

**Credit:** ½ unit

**Lab Fee:** yes

**Description and/or Recommendations:**

This course will incorporate video and audio technologies and other aspects of AV production like studio lighting and audio systems. This class will be cross-curricular to utilize the writing, reading, mathematical, artistic and communication skills of students in a variety of classes. Topics of videos for this class could include, but not limited to: instructional, sporting previews, highlight shorts, graduation, classroom orientation, as well as live broadcasts of school events. Time will also be spent on publication.

**Computer Technology** (102300)

**Open to Grades:** 9-12

**Length:** One semester

**Prerequisites:** None

**Credit:** ½ unit

**Lab Fee:** yes

**Description and/or Recommendations:**

This class will use technology modules as well as group projects to explore different aspects of technology. Subjects may include digital photography, weather tracking, electronics, computer game development, measurement, alternate energy, computer animation, 3D modeling, desktop publishing and bridge building.

**Digital Graphics - Rhodes State CPT-2670\*** (290150)

**Open to Grades:** 9-12

**Length:** One semester

**Prerequisites:** None\*

**Credit:** ½ unit and College Credit\*

**Lab Fee:** yes

**Description and/or Recommendations:**

This course is an introduction to creating and/or editing digital images. Students will learn to create digital images, to capture digital images using a digital camera and a scanner, and transfer those images to a computer for editing. This is a hands on course. Students will learn principles of graphics manipulation.

\*\* You must submit an application to Rhodes State to enroll in any courses for high school and college credit, along with taking the Compass test at Rhodes or ACT.

**Animation - Rhodes State CPT-2770\*** (290150)

**Open to Grades:** 9-12

**Length:** One semester

**Prerequisites:** None\*

**Credit:** ½ unit and College Credit\*

**Lab Fee:** yes

**Description and/or Recommendations:**

In this course students will learn to produce visually innovative motion graphics and effects for film, video, DVD and the web. Students will also learn how to composite and animate in 2D or 3D space using multiple cameras and lights. Integration of this product will be used in conjunction with other software packages. Students will create rich internet content and applications by using powerful video, multimedia and application development features. Upon completion of this course, students will be well versed in creating animations for a variety of uses.

\*\* You must submit an application to Rhodes State to enroll in any courses for high school and college credit along with taking the Compass test at Rhodes or ACT.

## AGRICULTURE EDUCATION

### Agriculture, Food and Natural Resources (Ag Science I) (010105)

**Open to Grades:** 9, 10, 11, 12

**Credit:** 1 ¼ units(which includes ½ unit of science credit)\*

**Length:** One year

**Lab Fee:** \$15.00

**Prerequisite:** None

#### **Description and/or Recommendations:**

This is the first course in the Agricultural and Environmental Systems career field. It 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. *Student must be a dues paying member of FFA.*

\* Ag, Food & Nat Resources and Animal Sci & Tech would fulfill 1 total science unit of the 3 required.

### Animal/Plant Science and Technology (Ag Science II) (010910)

**Open to Grades:** 10, 11, 12

**Credit:** 1 ¼ units(which includes ½ unit of science credit)\*

**Length:** One year

**Lab Fee:** \$15.00

**Prerequisites:** Ag, Food & Nat Resources

#### **Description and/or Recommendations:**

Learners will study Animal Science including reproduction, health, nutrition and genetics. Soil and land evaluation will be studied as it relates to crop and urban uses. Learners will develop business leadership, problem-solving and communication skills in relation to the science and technology of animals. This course will also include metalworking, welding, and small engine principles. *Student must be a dues paying member of FFA.*

\* Ag, Food & Nat Resources and Animal Sci & Tech would fulfill 1 total science unit of the 3 required

### Business Management for Agricultural and Environmental Systems(010115)

**Open to Grades:** 11, 12

**Credit:** 1¼ units

**Length:** One year

**Lab Fee:** \$12.00

**Prerequisites:** Ag, Food & Nat Resources or teacher approval

#### **Description and/or Recommendations:**

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. *Student must be a dues paying member of FFA.*

Note: This course has an articulation agreement with the University of Northwestern Ohio, so if you pass an end of course web exam and go to that university, then you would receive a college credit for it there.

### Mechanical Principles (Structural Engineering) (010120)

**Open to Grades:** 11, 12

**Credit:** 1 units

**Length:** One year

**Lab Fee:** \$15.00

**Prerequisites:** Ag, Food & Nat Resources or teacher approval

#### **Description and/or Recommendations:**

Students will apply principles of engineering and design along with an understanding of the properties and uses of construction materials to buildings and structures used in agriculture, horticulture and natural resources. The course will focus on the study and utilization of wood and lumber, metals, concrete and masonry, pipes and plumbing, and electrical systems. Students will design, plan, build and calculate costs-benefits analysis for construction projects while abiding by all building code and safety regulations. *Student must be a dues paying member of FFA.*

### Agricultural and Environmental Systems Capstone(010190)

**Open to Grades:** 12

**Credit:** 1-2 units

**Length:** One year

**Lab Fee:** \$15.00

**Prerequisites:** 2 completed Ag courses and currently enrolled in an Ag course or 3 completed Ag courses and Principal and teacher approval required

#### **Description and/or Recommendations:**

The capstone course is an opportunity for students to solve problems and demonstrate that they have achieved the requisite knowledge and skills in their chosen Agricultural and Environmental Systems career field pathway. The course is designed to assess cognitive, affective and psychomotor learning and to do so in a student-centered and student-directed manner. The capstone requires the application of learning to a project that serves as an instrument in



evaluation. Students will be allowed to miss school to do work study in an agriculture related job, or to conduct a research project. Upon completion of 540 supervised hours of research or placement in a business providing agricultural services or products, the student will receive 2 credits. *Student must be a dues paying member of FFA.*

### **JOB TRAINING PROGRAMS**

**Apollo Career Center** for more information go to: [www.apollocareercenter.com](http://www.apollocareercenter.com)

**Open to Grades:** 11, 12

**Credit:** Eight units

**Length:** One year

**Requirements:** Parental signed permission

**Prerequisites:** at least 8 credits earned in academic courses consisting of: 2 Eng, 2 Math, 1 Science, 1 Soc.St., and 2 add'l state required courses

**Description and/or Recommendations:**

Programs offered – Administrative & Medical Office Technology, Automated Manufacturing Technology, Automotive Collision Technology, Automotive Technology, Building & Renovations, Carpentry, Computer Information Support, Construction and Equipment Technology, Computer Information Support, Cosmetology, Culinary Arts, Early Childhood Education, Floral Design/Interiors, Health Science, Multimedia Technology, Print & Graphics, Sports Fitness & Exercise Science, Spa & Esthetics Tech and Welding & Fabrication

(All programs have College Tech Prep options – students in these programs plan to attend technical college after graduation)

**Apollo Success-Career Based Intervention**

**Open to Grades:** Students ages 16 & up

**Credit:** Eight units

**Length:** One year

**Requirements:** Reliable Transportation & Job

**Prerequisites:** Parental signed permission

**Description and/or Recommendations:**

The Success-Career Based Intervention is a one-year cooperative program for students who attend school part of the day and work at an on-the-job training station part of the day. Students attend classes at Apollo for a portion of the day and then report to work. Credit for courses and work are combined to total seven credits.

**Transition to Work**

**Open to Grades:** IEP students age 14+ & non-IEP st. in gr. 12

**Credit:** Number of hours worked based on 200 hours=1 credit

**Length:** One Year

**Fee:** None

**Prerequisites:** Must be able to pursue and maintain employment throughout current school year

Need Parent permission! For early work release - min average of 15 hours per week

**Description and/or Recommendation:**

The purpose of this program is to provide valuable training and experience for those students who are eligible for enrollment in the education options and transition to work program at Ada High School. A written agreement must be completed for enrollment in the program.

The transition to work program and educational options program assists in the development of positive work behaviors, attitudes, money management skills and long range transitional planning. Students may participate in career awareness and actual work experiences in school or in the community. Grades are based on efforts to pursue and maintain employments and monthly evaluations.

IEP and non-IEP students in grade 12 may be released early from school (educational options) with permission of the parents, principal and supervisor of the program. Confirmation of the work site will be required from the employer and students will be required to provide pay stubs to verify their employment.