

Adams County Ohio Valley School District

*North Adams High School
Peebles High School
West Union High School
Career & Technical Center*

PROGRAM OF STUDIES



2016-2017

INTRODUCTION

This “**Program of Study**” has been designed to help students, parents, and guardians make informed choices to ensure that courses are selected in keeping with their interests and abilities to meet graduation requirements as well as prepare for future college and career plans. Please read the Program of Studies carefully to ensure you understand the requirements for graduation, course offerings, prerequisites and content of the courses. Discuss classes with other students and your teachers to determine if the level of difficulty is what you expect and within your level of ability. Please read the schedule change policy carefully. Students should complete their schedule requests with considerable thought. Parents/guardians are requested to be involved in all phases of scheduling and are asked to sign the student’s Schedule Request form when it is brought home during the scheduling process. Please call counselors if you have any questions.

COUNSELORS

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GRADUATION REQUIREMENTS

Students must meet testing requirements and curriculum requirements in order to earn a diploma. Twenty-one and half (21.5) credits will be required to graduate from the Adams County Ohio Valley Schools.

Curriculum Requirements: (minimum 21.5 credits)
English - 4 credits
Mathematics - 4 credits (must include 1 credit of Algebra II or equivalent)
Science - 3 credits (must include 1 credit of Life Sciences, 1 credit of Physical Sciences, and 1 credit of advanced science)
Social Studies - 3 credits (must include 1 credit of World History, 1 credit of American History, and 1 credit of American Government)
Physical Education - .5 credit (two semesters)
Health - .5 credit
Fine Arts - 1 credit (students following a career-technical pathway are exempt from the fine arts requirement)
Personal Finance - .5 credit
Electives – 5 credits
Total – 21.5 credits

House Bill 487 updated Ohio’s graduation requirements to ensure all students are ready for success in college and work. As a result, the Class of 2017 (12th graders in the 2016-17 school year) will be the last students required to take the Ohio Graduation Tests (OGTs). The new requirements take effect with students in the Class of 2018. Additionally, every student in the Class of 2018 and beyond will have the opportunity to take a nationally recognized college admission exam free of charge in Grade 11. Graduation Requirements for Class of 2017 will continue to operate under the original graduation requirements. To earn an Ohio high school diploma, these students must meet both course and testing requirements identified by the State of Ohio. Students must demonstrate proficiency on the required Ohio Graduation Tests (OGTs) for Reading, Writing, Math, Science, and Social Studies.

GRADUATION REQUIREMENTS FOR 2018 & BEYOND:

The new requirements did not change the current courses or number of course credits that students must complete to be eligible for graduation. In addition to course credits, beginning with the Class of 2018, students will earn points toward graduation on seven end-of-course exams. These exams will replace the Ohio Graduation Tests. The course in which students take an end-of-course exam and earn points for graduation include: English I, English II, Algebra I or Integrated Math I, Geometry or Integrated Math II, Biology, American History, and American Government. Students can earn from 1-5 points for each end-of-course exam, based on their performance.

- 5-Advanced
- 4-Accelerated
- 3-Proficient
- 2-Basic
- 1-Limited

Students who take Biology, American History, and American Government as part of advanced placement, international baccalaureate, college credit plus, or credit flexibility programs can use their scores from the programs' end-of-course exams in place of the state end-of-course exam scores to accumulate graduation points and to avoid double testing. A student who earned high school credit in any of the above courses before July 1, 2015, and a required end-of-course exam was not available will receive graduation points based on his or her grade in the course. Middle school students who take one of the courses with an end-of-course exam for credit must take the corresponding state end-of-course exam in the same year.

EXAM RETAKES

Students that score below proficient on an exam may retake it after they receive intervention on the material. Students that score proficient or higher on an end-of-course exam can retake exams only if, once they take all the exams, they have not met the minimum graduation points to graduate. In this case, a student can retake any exam after receiving some extra help on the material.

GRADUATION POINTS

With few exceptions, students must accumulate a minimum of 18 points from scores on their end of course exams to become eligible for a diploma. Students who do not earn the required number of graduation points can still meet the requirements for a diploma if they earn a remediation free score on a national college admission test. Students also can qualify for graduation by earning an approved industry recognized credential and achieving a workforce readiness score on a related job skills assessment.

Three pathways to graduation for Class 2018 and beyond:

1. Earn a cumulative passing score on the state end-of-course exams. The scores are set by the State Board of Education.
2. Earn a "remediation-free" score on a nationally recognized college admission exam such as ACT or SAT. The state of Ohio will pay for all 11th grade students in the Class of 2018 and beyond to take the exam free of charge.
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.

SCHEDULING CHANGE POLICY

After students register for classes, several important factors must be determined: the number of faculty required to offer the course requested by students, the number of times each class needs to be offered every day, and the number of books and other supplies that need to be ordered. Due to the fact that these extremely important items are based on how many students register for each class, we cannot make schedule changes after the schedules are established. Therefore, any requests for schedule changes initiated by students or parents/guardians must be accomplished by the sixth day from the start of school. Schedule change requests outside of the established window will be reviewed by the administrative and guidance teams. Failing a class is **not** an automatic indication of misplacement. Schedules will not be changed for social reasons or for requesting teachers.

STUDENT RESPONSIBILITY IN SCHEDULING

It is the student's responsibility to:

1. Investigate the classes in which he/she will be enrolling so he/she might develop an understanding of what the classes will be like. Students should talk with teachers, counselors, and other students about these classes prior to enrolling.
2. Ensure he/she is not overloading themselves with classes and that he/she is registering for the appropriate classes.
3. Students should consider the workload of their entire schedule.
4. Discuss their plans with parents/guardians and direct any questions or concerns to the counselor prior to the schedule change deadline.

STUDENT LOAD

Students are required to schedule six (6) subjects per semester in order to make the needed progress toward graduation. Under no circumstances may a student take more than one study hall per day.

Important: Athletes beware of the requirements for athletic eligibility! You must pass 5 classes based on the quarter grades - not semester grades. College Credit Plus student athletes are based on semester grades. See your Athletic Director for more information.

<http://www.ohsaa.org/eligibility/EligibilityGuidelinesGuidanceCounselors.pdf>

CLASS STATUS & CREDITS RECOMMENDED PER YEAR TO PROGRESS TOWARDS GRADUATION

Class status is determined at the beginning of each school year by the number of credits attained as follows:

Class Status	Credits Earned
Sophomore	5 units
Junior	10 units
Senior	15 units

<p style="text-align: center;">Freshman Academic Program</p> <ol style="list-style-type: none"> 1. English (1 credit) 2. Mathematics (1 credit) 3. Biology (1 credit) 4. American History (1 credit) 5. Physical Education (1/4 credit – 1 semester) 6. Health (1/2 credit) 7. *Elective(s) 	<p style="text-align: center;">Sophomore Academic Program</p> <ol style="list-style-type: none"> 1. English (1 credit) 2. Mathematics (1 credit) 3. Physical Science (1 credit) 4. American Government (1 credit) 5. Physical Education (1/4 credit – 1 semester) 6. *Elective(s) 7. **Any required course not completed for general or honors diploma
<p style="text-align: center;">Junior Academic Program</p> <ol style="list-style-type: none"> 1. English (1 credit) 2. Mathematics (1 credit) 3. Science (1 credit) 4. World History – (1 credit) 5. Personal Finance – (1/2 credit) 6. *Elective(s) 7. **Any required course not completed for general or honors diploma 	<p style="text-align: center;">Senior Academic Program</p> <ol style="list-style-type: none"> 1. English (1 credit) 2. Mathematics (1 credit) 3. *Elective(s) 4. **Any other required courses not completed for general or honors diploma
<p>*Fine Arts – 1 credit **Reference <u>Diploma with Honors Criteria</u></p>	

Special Note: The sophomore year is the last opportunity to begin the three year sequence in Foreign Language requirement for the Honors Diploma. It is required to take Personal Finance during junior or senior year. It is strongly recommended that a student take four years of Science and three years of Foreign Language as college preparatory.

PREREQUISITES FOR ATTENDING CAREER & TECHNICAL CENTER

Students are eligible to enroll at the Career & Technical Center (CTC) at the end of the sophomore year if all home high school requirements have been completed at the time of attendance at the career center. No student who is credit deficient at the end of their sophomore year will be permitted to apply to the CTC the following year. Students who are deficient in credits may be eligible to take online courses during the summer to recover credits and meet eligibility requirements. In order to attend the CTC, a student should have successfully completed the following courses and credits prior to enrollment at the Career & Technical Center:

Course	Credit
English	2 units
Mathematics	2 units
Social Studies	2 units
Science	2 units
Health	.5 unit
Physical Education	.5 unit
Electives	2 units

Approval for special education students to enroll in a vocational program at the CTC will be determined by the placement team, and the provisions for enrollment will become a part of the student’s Individual Education Plan.

DIPLOMA WITH HONORS

Depending on whether a student is completing a college preparatory or career-technical education curriculum, honors diploma requirements differ slightly. The student must meet the requirements for the regular diploma plus 7 of the 8 criteria for college preparatory honors and 7 of 8 criteria for a career-technical education. Listed below are requirements for Diploma with Honors.

College Preparatory (7 of 8)

- four (4) units of English
- at least four (4) units of mathematics which will include Algebra I, Algebra II, and Geometry, or equivalent and another high level course or complete a four-year sequence of courses that contain equivalent content
- at least four (4) units of science, including physics and chemistry
- four (4) units of social studies
- either three (3) units of a foreign language or two (2) units of two (2) foreign languages
- one (1) unit of fine arts
- maintain an overall high school grade point average of at least 3.5 on a 4.0 scale up to the last grading period of the senior year
- obtain a composite score of twenty-seven (27) on the American College Testing program's (ACT) tests or composite score on the Scholastic Assessment Tests (SAT) of 1210.

Career-Technical Center (7 of 8)

- four (4) units of English
- four (4) units of mathematics which will include Algebra I, Algebra II and Geometry, or a four year sequence of courses that contain equivalent content
- four (4) units of science including two units of advanced science (chemistry, environmental, botany, anatomy/physiology, zoology)
- four (4) units of social studies
- four (4) units in the student's career-technical center education curriculum; program must lead to an industry recognized credential, apprenticeship or be part of an articulated career pathway which can lead to post secondary credit
- maintain an overall high school grade point average of at least 3.5 on a 4.0 point scale up to the last grading period of the senior year
- complete a career passport that reflects achievement of the occupational proficiency benchmark established for the Ohio Vocational Competency Assessment or the equivalent
- obtain a composite score of 27 on the ACT tests or composite score on the Scholastic Assessment Tests (SAT) 1210.

ADDITIONAL EDUCATION OPTIONS

Adams County Ohio Valley Career & Technical Center (CTC)

Students who complete their sophomore year have an option of applying to the CTC. If accepted, those students complete their junior and senior years at the CTC in one of the offered career programs. Credits earned at the CTC apply towards their High School diploma. To determine program availability, applications must be submitted to school counselors at home high schools during January/February of the sophomore year. Students interested in applying to the CTC will need to contact the home high school counselor for advisement and complete the application process.

Students who attend the CTC are still Adams County Ohio Valley students or Manchester Local students and will graduate from their home high school. Transportation will be provided daily to and from the career center. CTC students are encouraged to participate in sports and other extracurricular activities at the home high school. They are permitted to return to the high school for certain scheduled events during

the school day. CTC students who complete all requirements for graduation will participate in the home high school graduation ceremony.

Adams Virtual Academy (AVA) – Adams Virtual Academy is designed to utilize online curriculum in a school site-based or home school learning environment that allows students to work at their own pace, receive immediate support, be involved in school activities, and ultimately receive an Adams County Ohio Valley diploma. With the abilities to provide online credit recovery courses, more diverse electives and full time student enrollment, the AVA option provides students who are both charging ahead or falling behind with expanded options in their education. Students can inquire about AVA enrollment through their high school counselor. Below is a link to the AVA course catalog and potential offerings:

<http://www.advancedacademics.com/courses>

College Credit Plus (CC+)

Ninth through twelfth grade students are eligible to participate in the CC+ program. Two options are available in ACOV to earn dual credit (simultaneously earning both college and high school credit). These programs were formerly known as PSEO/College Credit Plus (CC+) (option 1) and Dual Enrollment (option 2). **A mandatory public meeting will be held in February of each school year to provide students with specific details regarding both options. Attendance is taken at this meeting and a letter of intent to participate form must be completed by April 1.** All students must carry the required minimum number of credits (per semester) required for their grade level. The total number of credits will be the combination of the high school credits and the equivalent credits taken at the participating college. Credits earned through this program can be transferred to many colleges/universities. The purpose of the program is to enrich regular high school curricula and to offer the opportunity to experience college level coursework while earning college credits.

OPTION 1: COLLEGE CLASSES AT ANY UNIVERSITY

Ninth through twelfth grade students can enroll at an eligible post-secondary institution while still enrolled in high school. These institutions include community colleges, post-secondary vocational technical institutions, state universities, and many private colleges and universities.

PROGRAM ELIGIBILITY:

- The student/parent must provide the High School Guidance Counselor with notification by April 1, 2016, of the student's intent to participate in this program during the 2016-2017 school year.
- Students not meeting the state deadline **WILL NOT** be eligible to participate unless special permission is granted from the Principal.
- The student must be accepted by the college. It is the student's responsibility to meet the college's application and enrollment deadlines. Each college has specific admission requirements and deadlines that must be met.

OPTION 2: COLLEGE CLASSES OFFERED ON OUR HIGH SCHOOL CAMPUSES

Designated courses allow students to complete college credit while simultaneously earning high school credit in courses taught on the high school campus by a teacher that is credentialed to teach college courses as an adjunct professor. Students must meet qualification criteria set forth by the partner university. Prerequisites and credit hours vary by course. Students must complete an application and registration paperwork for each course. **(Designated CC+ courses will be determined by both the high school and coordinating college. The number of CC+ courses will depend on the availability of credentialed educators to offer the college level coursework. On-site CC+ courses are still being determined and will be announced as soon as possible.)**

College Bound Student Athletes - NCAA Eligibility Students who plan on participating in college athletics at an NCAA member school must ensure that courses taken throughout his or her high school career meets the eligibility standards as set by the NCAA Eligibility Center. For a complete listing of all requirements as well as all approved and denied courses for each of the high schools, please visit the NCAA Eligibility Center website at the following link: <http://eligibilitycenter.org/>

ART

Art I: 0981 – A foundational course designed to develop confidence while being exposed to a variety of visual experiences. These experiences include both two-dimensional and three-dimensional art with an emphasis on the elements and principles of design. The course introduces students to visual art through basic design, drawing, painting, ceramics, and mixed media. Students will become familiar with art related techniques, tools, and vocabulary, and art history.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Art II: 1081 – This course is an intermediate level course that builds on the skills and knowledge from the introductory to Art I course. Art II gives students the opportunity to experience a variety of media (pencil, pen, ink, charcoal, pastel, watercolor, and tempera paint) while developing student's individual style and creative problem solving skills. Students will work with two-dimensional and three-dimensional works of art. Students will demonstrate their ability to respond, to analyze and to interpret their own artwork and the work of others through discussions, critiques, and writings.

GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0981

Art III: 1181 – An additional advanced art elective for students who are interested and motivated by two-dimensional media including drawing, painting, printmaking, and mixed media. The emphasis will be on developing skills they have learned in previous art classes along with the development of new techniques.

GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1081

Art IV: 1281 – An advanced elective for students who are interested in and motivated by three-dimensional media including clay, paper mache, paper forms, relief, wood, wire, glass, and mixed media. The emphasis will be on developing skills they have learned in previous art classes while broadening their knowledge of 3-D forms.

GRADE: 12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1181 & TEACHER RECOMMENDATION

Drawing: 1282 – A drawing course on the observation and interpretation of the elements of art and principles of design. Varied approaches and subject matter will be studied in the pencil, pastel and charcoal mediums. Students will explore various drawing techniques such as: shading, blending, stippling, hatching and cross-hatching.

GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0981, 1081

Basic Drawing: SO1105A – An intensive studio drawing course on the observation and interpretation of form with concern for space, line, volume, texture, and composition. Varied stylistic approaches and subject matter will be studied in the pencil and charcoal mediums. Any student that completes the course successfully **with an assigned CC+ credentialed Fine Arts instructor** will receive high school credit and college credit. This course is part of the Southern State Community College curriculum and must be preapproved and students must also meet the college's entrance criteria to receive dual credit.

GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: TBD

BUSINESS TECHNOLOGY

Keyboarding: 0960 – Keyboarding is designed to provide an opportunity to learn to touch type on the computer keyboard using correct techniques as well as the development of speed and accuracy. Students will be exposed to the basic formatting of personal and business letters, tables, notes, memos, and reports. No previous keyboarding experience required. This course is considered a prerequisite to Document Processing.

GRADE: 9/10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Intro to Business: 0961 – A general education business course and the first step in a well-planned learning agenda that prepares you to become a contributing citizen capable of making personal economic decisions. Course topics will include the following: economic environment, global competition, entrepreneurship, general and human resources management, marketing, accounting, finance, and informational systems.

GRADE: 9/10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Document Processing: 0963 – This course is a continuation of Keyboarding 0960 and will allow students to demonstrate the ability to operate designated word processing software to enhance the appearance of office documents through the use of software attributes and formatting features. Students will create office documents; revise using proofreading marks, reference books and textbook illustrations and projects to create formal office documents.

GRADE: 9/10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0960

Record Keeping: 1063 – An application course of maintaining one's financial history, by entering data in ledgers, journals, and creating documentation of financial dealings.

GRADE: 9/10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Computers I (Data Processing): 1165 – Hands-on experience with current technology in the workplace and its applications. This course is intended to provide the student with basic proficiency in the use of a networked computer system, both in the physical and logical aspects. Students will learn how to properly use a computer system to run various programs and will become proficient in the essential skills needed to create, save, retrieve, edit, and print word processing documents and spreadsheets. Students will learn various computer applications, including electronic presentations: format memos/letters, utilize Excel, and create spreadsheets. Students will also develop agendas, use personal information management features, and process business correspondences via document processing. The use of software to design and creation multimedia presentations will be introduced. Skill at finding and using relevant information from the Internet will be developed. Students will also develop a general awareness of the primary hardware components, basic types of software, networked systems, the Internet, societal and economic implications, and career options related to computers. Students will use a Windows operating system.

GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0960,0963

Accounting I: 1262 – This course presents the basic principles of accounting and is designed for those students who are considering accounting as a career. The course is beneficial also for those students who may become business owners. The course incorporates the multicolumn journal method and students will also learn to design spreadsheets for recording transactions and write function formulas to make spreadsheet calculations.

GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Personal Finance: 1263 – This course fulfills the Financial Literacy graduation requirement by the state of Ohio. Students will develop skills to achieve financial wellness through developing a spending plan and learning to use credit responsibly, exploring careers and income, and investing. Students will also participate in real-life simulations using technology to explore insurance choices, housing finance, banking products and making consumer decisions related to purchasing food and merchandise.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Computer Programming: 1266 – An elective offering students opportunity to learn the craft of programming or coding a set of step-by-step instructions for the computer to perform. This course will instruct students in the use of the BASIC language to create computer programs. Students will learn the syntax of the language, steps in program development, data and control structures, algorithms, and methods for testing and debugging code. Use of Visual BASIC to create Windows applications will be developed. Other programming languages may also be introduced throughout the course. The course is intended to enhance the students' understanding of how computers work, problem solving skills, and introduce them to the overall art of programming. Above average math skills are highly recommended.
GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1165

Computers II (Advanced Computer Technologies): 1267– An advanced technology elective involving multi-facets of computer applications and data processing. In this class, students will develop advanced skills in using standard office applications such as Microsoft Word, Excel, Access, and PowerPoint. Students will learn to use image editing software to create and edit photos as well as line art. Students will learn to use audio and video editing software to create and enhance presentations. Students will learn to use HTML to create web pages as students work in collaboration to develop and maintain web sites. Skills and techniques for troubleshooting, upgrading, and maintaining computers will be developed. Societal and ethical aspects of computer use will be further developed.
GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1165

Accounting II: 1290 – This advanced accounting elective is recommended for students who plan to major in business in college and/or students who plan to own their own business. The course encourages students to apply accounting concepts to real-world situations and develop higher-level thinking skills to make informed business decisions. Students will also learn how to process payroll using an automated accounting system.
GRADE: 12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1262

Career Agricultural

Agriculture, Food and Natural Resources: 0975

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

GRADE: 9 LENGTH: YEAR CREDIT: 1.25 PREREQUISITE: NONE

Animal and Plant Science: 1075

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined.

GRADE: 10 LENGTH: YEAR CREDIT: 1.25 PREREQUISITE: NONE

Environmental Science for Agriculture and Natural Resources: 1175

Students will study relationships between organisms and their environment. Principles of biogeochemical cycles, air-water-land relationships, non-point pollution, and wetlands will be applied. Students will examine fundamentals of resource development, agriculture sustainability, energy needs and pollution control. They will analyze and interpret data gathered from studies on the ecosystem. Throughout this course, students will develop responses to environmental problems and develop management strategies for responsible conservation and resource development.

GRADE: 11 LENGTH: YEAR CREDIT: 1.25 PREREQUISITE: NONE

Livestock Selection, Nutrition and Management: 1176

Students will identify and apply principles and routine husbandry practices to production animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection and management of facilities and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

GRADE: 11 LENGTH: YEAR CREDIT: 1.25 PREREQUISITE: NONE

Business Management for Agricultural and Environmental Systems: 1276

Students will examine elements of business, identify organizational structures and apply management skills while developing 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. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

GRADE: 12 LENGTH: YEAR CREDIT: 1.25 PREREQUISITE: NONE

Agricultural and Environmental Systems Capstone: 1276C

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.

GRADE: 12 LENGTH: CAPSTONE PROJECT CREDIT: 1.25 PREREQUISITE: 1175

Foreign Language

Spanish I: 0951 – This is the first course of a three-year language program designed to provide the student with the communication skills and cultural competence necessary to be successful in interactions with native speakers. This course introduces the student to basic comprehension, speaking, reading and writing of the Spanish language as well as important linguistic aspects. Students are also introduced to various aspects of Hispanic cultures. At the end of this course, students should be able to function at the novice-mid level of proficiency, or express ideas with simple phrases and rehearsed expressions.
GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Spanish II: 1051 - This is the second course of the three-year language program. Spanish II is a more intensive course that focuses on increased comprehension, speaking, reading and writing abilities with more sophisticated grammar. There is a strong emphasis on student production of the language through increased speaking and writing in addition to learning vocabulary and grammar concepts. Authentic sources are incorporated throughout the year to show language in context. At the end of this course, students should be able to function at the novice-high level of proficiency, or describe and identify with short sentences in the present time frame.
GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0951

Spanish III: 1151 - This course, conducted in Spanish, places a major emphasis on conversation, reading and writing skills. Aspects of Spanish culture are examined and compared to those of our own culture. Authentic Spanish realia is incorporated to enhance language comprehension and insight into cultural aspects of the Spanish-speaking world. The goal of this course is to further the student's language skills and foster cultural understanding and curiosity. At the end of this course, students should be able to function at the intermediate-low level of proficiency, or express their thoughts with strings of sentences in various time frames.
GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1051

Health

Health: 0993 – Health education includes providing accurate information and teaching skills to make healthy decisions. Understanding health information and learning health skills empower students to live healthy life styles and improve their quality of life. Instructional content covered include methods of keeping body systems healthy and the effects of illegal/illicit drug use. Additional health concepts learned include the following: self-advocacy, goal setting, communication, decision making, analyzing influences, accessing information, refusal skills, self-management skills, conflict resolution, stress management, introductory to CPR and basic First Aid skills. This is a required course for graduation.

GRADE: 9 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Sports Medicine: 1194 – This health elective teaches students components of sports medicine, including exploration of the following: therapeutic careers, medical terminology, anatomy and physiology, first aid, injury prevention principles, the healing process, rehabilitation techniques, therapeutic modalities, sports nutrition, sports psychology, and performance enhancement philosophy.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

First Aid/CPR: 1195 – An elective course that teaches students critical skills to respond to and manage an emergency in the first few minutes until emergency medical services (EMS) arrives. Students learn skills such as how to treat bleeding, sprains, broken bones, shock and other first aid emergencies; including adult CPR and how to relieve choking.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

English Language Arts

English Language Arts I: 0912 - Language Arts I is a required course for graduation. It is the first for four Language Arts classes that students will take. The curriculum of the course is aligned with ninth grade Ohio's Learning Standards and is designed to begin preparing students for their respective career paths. Language Arts I covers a variety for foundational reading skills including literary texts (stories, drama, poems) and informational texts. The course also largely focuses on writing skills ranging in purpose, length and duration. It also targets skills of research, vocabulary and language. This course is a survey class upon which students can build their language skills.

GRADE: 9 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

College Preparatory English Language Arts I: 0912CP - Language Arts I is a required course for graduation. This course is designed to give the college preparatory student an in-depth study of literary genres including short stories, nonfiction, drama, poetry, and particularly the novel. Development of the student as a writer is a particular focus, especially in the areas of organization and support, and the introduction to research is stressed. Spelling, vocabulary enrichment, and grammar are also incorporated throughout the reading and writing processes. Topics will be expanded in breadth and depth and be introduced at a faster pace than in the regular English Language Arts I course. This course is designed for the ninth-grade student who intends to follow a college preparatory curriculum.

GRADE: 9 LENGTH: YEAR CREDIT: 1 PREREQUISITE: A OR B IN 8TH
GRADE ELA.

English Language Arts II: 1012 - Language Arts II is a required course for graduation and is preceded by Language Arts I. It is the second of four Language Arts classes that students will take. The curriculum of the course is aligned with tenth grade Ohio's Learning Standards and is designed to expand on student preparation for their respective college or career paths. Language Arts II goes deeper into various reading skills including literary texts (stories, drama, poems) and informational texts. Equally, the course focuses on writing skills ranging in purpose, length and duration. It also targets skills of research, vocabulary and language. This course is a survey class, but is designed to help students determine the next step in their educational path.

GRADE: 10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0912

College Preparatory English Language Arts II: 1012CP - Language Arts II is a required course for graduation and is preceded by College Preparatory English Language Arts I. It is the second course in four of the required Language Arts classes that students will take. The curriculum of the course is aligned with tenth grade Ohio's Learning Standards and is designed to give the college preparatory student a continuing in-depth study of fiction, non-fiction, poetry, and drama. Composition with emphasis on the writing process is an integral part of the course and the research process is stressed as a means of improving their language arts skills. Topics will be expanded in breadth and depth and be introduced at a faster pace than in the regular English Language Arts II course. This course is designed for the tenth-grade student who intends to follow a college preparatory curriculum.

GRADE: 10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0912CP

English Language Arts III: 1112 - Language Arts III is a required course for graduation. It is the third of four courses and is preceded by Language Arts I and II. The curriculum of the course is aligned with the eleventh grade Ohio's Learning Standards and focuses specifically on American Literature. The course covers a variety of reading skills including literary texts (stories, drama, and poems by American authors) and informational texts (seminal US texts and 17th, 18th, and 19th century foundational US documents). This course continues to improve students' skills in writing, vocabulary, research and language as well. Language Arts III is designed to move students closer to career readiness by fostering skills that allow students to work independently and proficiently.

GRADE: 11 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1012

College Preparatory English Language Arts III: 1112CP – This required course is designed for the college preparatory student as a study of American literature and is aligned with Ohio’s Learning Standards for eleventh grade. Students study fiction, non-fiction, poetry, and drama. Major American authors are emphasized. Composition and research are integral parts of the course. This course is designed for high cognitive and/or strong academic students who need a challenge beyond the scope of the core English Language Arts III. Topics are expanded in breadth and depth and introduced at a faster pace than the traditional ELA III course. There is a considerable amount of reading and homework running concurrently, and summer assignments prepare the student for the intense work required in this course.

GRADE: 11 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1012CP

English Language Arts IV: 1212 – Language Arts IV is the final required course for graduation. It is the fourth course and is preceded by Language Arts I, II, and III. The curriculum of the course is aligned with the twelfth grade Ohio’s Learning Standards and focuses specifically on British Literature. The course covers a variety of reading skills including literary texts (stories, drama and poems by British authors) and informational texts (British texts that reflect western thought and form the basis for our modern day democracy). This course continues to improve students’ skills in writing, vocabulary, research and language as well. By fostering skills that allow students to work independently and proficiently, students should be fully prepared to enter their college or career path by the end of Language Arts IV.

GRADE: 12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1112

College Preparatory English Language Arts IV: 1212CP – This college preparatory ELA course extends Ohio’s Learning Standards into an intensive study of literature within various periods and genres. This course provides students with an opportunity for independent thinking, and development of analytical and critical writing skills. Through a close reading of selected texts, which will include British literature selections, students will learn to make careful observations of textual detail, establish connections based on observation, and draw from those connections a series of inferences leading to an interpretive conclusion about the work’s meaning and value. Frequent writing assignments, often under time constraints, focus on the critical analysis of literature and include expository, analytical, and persuasive essays. The inclusion of a research project ensures the analysis of differing critical perspectives. Summer reading assignments prepare the students for the intense work required in the course.

GRADE: 12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1112CP

Speech: 1014 - Speech is a one semester elective course which studies different types of public speaking, with particular emphasis on delivering formal prepared speeches and extemporaneous speeches. Areas of focus include informative and persuasive speaking, audience analysis, speaking for special occasions, and communication in the workplace.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0912

Creative Writing: 1016 – Creative Writing is a one semester elective course for students who are interested in developing their own writing voice and being part of a writing community. Areas of study include fiction, poetry, and creative non-fiction. Portfolio assessment and reflection are an integral part of the course numerous opportunities for publication will be offered. Elements taught in creative writing will also enhance a student’s academic writing.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: 0912

Technical Writing: 1017 - An introductory course in communicating information about technical subjects within a work setting. Students will use and adapt various technologies, including MS Word, to produce attractive, persuasive, professional documents. Technical writing will involve students developing a sense of how purposes, target audience, situations, technologies, and the methods having impact on writers' and users' perceptions of written documents.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0912

Grammar Review: 1115 – An elective designed for students who are interested in improving their English proficiency. The course includes explicit grammar review and surveys of grammar usage within their oral speech and writing. A portion of the semester will be designated to boost English performance on college placement exams.

GRADE: 11 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0912,1012

Newspaper: 1116 - Students enrolled in this course will engage in the process of researching stories, creating content, and publishing original work. Students will get a feel for how journalism and the media function in society by providing them hands-on experiences. Students will learn to interview, write journalistically, and produce a product that will be printed and submitted to the faculty and students.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 1012

Yearbook: 1117 - Students in this publications class are responsible for the production of the school yearbook with the main duty of creating a publication for print. Specific skills students learn include financial management, editing skills, photography, layout and design, and computer applications. Ad sales and fundraising are integral parts of this class, as well as attending events outside of the school day. This class is heavily focused on workshop publication, so students who want to be a part of this class should be highly motivated and self-disciplined, as well as able to work under pressure and meet deadlines.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Movies in Literature: 1218 – This English elective explores common literary terms, themes, genres, and elements through the study of media productions and film. Students will learn to “read” film, much like literature, with the addition of analyzing and understanding elements of film. Students will evaluate the media production of classic literary elements by constructing properly written pieces of writing, and synthesizing their own learning.

GRADE: 12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

English Composition: SO1101 – This course provides an introduction to expository writing, emphasizing the clear and concise expression of ideas in a variety of rhetorical modes. Any student that completes the course successfully **with an assigned CC+ credentialed English instructor** will receive high school credit and college credit. This course is part of the Southern State Community College curriculum and must be preapproved and students must also meet the college’s entrance criteria to receive dual credit.

GRADE: TBD LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: PLACEMENT EXAM

English Composition: SO1102 – This course advances those skills acquired in ENGL1101, continuing to engage students in the clear and concise expression of ideas while emphasizing argumentation and research writing. Any student that completes the course successfully **with an assigned CC+ credentialed English instructor** will receive high school credit and college credit. This course is part of the Southern State Community College curriculum and must be preapproved and students must also meet the college’s entrance criteria to receive dual credit.

GRADE: TBD LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: ENGL1101

Mathematics

Algebra I: 0931 - This course is a formalized study of the basic mathematical operations using variables and symbols to solve problems. This course addresses Ohio's Learning Standards for Algebra I and prepares students for the end-of-course exam. Algebra I is a formal study of equations, inequalities, factoring, special products, word problems, and quadratic functions. This is a required course for graduation.

GRADE: 8/9 LENGTH: YEAR CREDIT: 1 PREREQUISITE:
(ADV/ACC/PROF. RATING ON 7TH GRADE NWEAMAP MATH ASSESSMENT FOR 8TH GRADE ALG. 1
PLACEMENT & TEACHER RECOMMENDATION)

College Preparatory Algebra I: 0931CP - This course is a formalized study of the basic mathematical operations using variables and symbols to solve problems. This course addresses Ohio's Learning Standards for Algebra I and prepares students for the end-of-course exam. Algebra I is a formal study of equations, inequalities, factoring, special products, word problems, and quadratic functions. This course is designed for high cognitive and/or strong academic students who need a challenge beyond the scope of the core Algebra I course and who plan to attend college. Topics are expanded in breadth and depth and introduced at a faster pace than the traditional course.

GRADE: 8/9 LENGTH: YEAR CREDIT: 1 PREREQUISITE:
(ADV/ACC/PROF. RATING ON 7TH GRADE NWEAMAP MATH ASSESSMENT FOR 8TH GRADE ALG. 1
PLACEMENT & TEACHER RECOMMENDATION)

Geometry: 0935 - This course is designed for students who have successfully completed Algebra I. The course meets the requirements of Ohio's Learning Standards for Geometry and will prepare students for the end-of-course exam. The objectives emphasize the study of the concepts of geometry including parallel lines, triangles, quadrilaterals, circles, basic coordinate geometry, and deductive proofs. This is a required course for graduation.

GRADE: 9/10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0931

College Preparatory Geometry: 0935CP - This course is designed for students who have successfully completed Algebra I. The course meets the requirements of Ohio's Learning Standards for Geometry and will prepare students for the end-of-course exam. The objectives emphasize the study of the concepts of geometry including parallel lines, triangles, quadrilaterals, circles, basic coordinate geometry, and deductive proofs. This course is designed for high cognitive and/or strong academic students who need a challenge beyond the scope of the core Geometry course and who plan to attend college. Topics are expanded in breadth and depth and introduced at a faster pace than the traditional course.

GRADE: 9/10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0931CP

Algebra II: 1035 - This course is designed for students who have successfully completed both Algebra I and Geometry. The objectives of this course include the refinement of skills in the fundamental operations of algebra, extension of the number system including irrational and complex numbers, and laws of exponents, relations and functions, logarithms, and additional topics fundamental to the study of advanced level mathematics. Successful achievement in Algebra II will prepare the student to continue mathematical study through Pre-calculus. Graphing calculators are useful tools, which can be used in mathematics and science classes. It is strongly recommended a graphing calculator be purchased for this course. This is a required course for graduation.

GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0931 & 0935

College Preparatory Algebra II: 1035CP - The objectives of this course include the refinement of skills in the fundamental operations of algebra, extension of the number system including irrational and complex numbers, and laws of exponents, relations and functions, logarithms, and additional topics fundamental to the study of advanced level mathematics. Successful achievement in Algebra II will prepare the student to continue mathematical study through Pre-calculus. Graphing calculators are useful tools, which can be used in mathematics and science classes. It is strongly recommended a graphing calculator be purchased for this course. This course is designed for high cognitive and/or strong academic students

who need a challenge beyond the scope of the core Algebra II course and who plan to attend college. Topics are expanded in breadth and depth and introduced at a faster pace than the traditional course.
GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0931CP & 0935CP

Pre-Calculus: 1131 – This course is designed for students who have successfully completed Algebra II. Student learning objectives include the study of intermediate and advanced algebra concepts, linear and trigonometric functions, polynomial equations and functions, conics and trigonometry. Successful completion will help prepare the student to further their mathematical study in more advanced math coursework. *A graphing calculator is necessary for this course.*
GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0935 & 1035

Advanced Topics in Math: 1132 - A course designed for students who have completed three years of high school mathematics including Algebra 2, and are interested in learning about advanced mathematical topics and improving their math proficiency. The course includes discrete math topics, probability and statistics, and a survey of algebra 2 advanced standards. The second semester is spent preparing students for college math placement exams and strengthening algebra skills. *A graphing calculator is needed.*
GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1035

College Algebra: SSU1200 OR SO1141 – A study of functions represented numerically, graphically and symbolically. Students learn the basic properties of linear, polynomial, rational, exponential, and logarithmic and trigonometric functions. Topics also include conditionally defined functions and operations on functions. Students learn to use functions and their graphs as tools for modeling. Any student that completes the course successfully **with an assigned CC+ credentialed mathematics instructor** will receive high school credit and college credit. This course is part of the Shawnee State University/Southern State Community College curriculums and must be preapproved and students must also meet the universities entrance criteria to receive dual credit.
GRADE: 11/12 LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: PLACEMENT EXAM

College Trigonometry: SSU1250 OR SO1142 – The study of trigonometric functions, inverse trigonometric functions, solving trigonometric equations, measures of angles, trigonometric identities, vectors, and applications of trigonometry. This course may be taken by students preparing for the calculus sequence. Any student that completes the course successfully **with an assigned CC+ credentialed mathematics instructor** will receive high school credit and college credit. This course is part of the Shawnee State University/Southern State Community College curriculums and must be preapproved and students must also meet the universities entrance criteria to receive dual credit.
GRADE: 11/12 LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: TBD

Calculus: 1237 or SSU2110 – A rigorous math elective designed for students with the expectations of university/college level work. Any student that completes the course successfully **with an assigned CC+ credentialed mathematics instructor** will receive high school credit and college credit. This course is part of the Shawnee State University curriculum and must be preapproved and students must also meet the universities entrance criteria to receive dual credit.
GRADE: 12 LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: TBD

Intro to Statistics: SSU2500: A rigorous, college-level course that includes the four broad conceptual themes identified: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Any student that completes the course successfully **with an assigned CC+ credentialed mathematics instructor** will receive high school credit and college credit. This course is part of the Shawnee State University curriculum and must be preapproved and students must also meet the universities entrance criteria to receive dual credit.
GRADE: 12 LENGTH: SEMESTER CREDIT: 1 PREREQUISITE: TBD

Music

Band: 0901 - High School Band is open to 9-12 high school students with instrumental ability. High School Band is co-curricular in that it meets five days per week with required attendance at rehearsals and performances. There will be an emphasis on performance; acquiring skills and understandings that will enable the student to participate in and enjoy performance work throughout their lives. Students will be required to be in attendance at evening and/or weekend events, which will meet the needs of the school, community, and to enhance the educational value of the program for the students. A maximum of four high school credits in Band can be earned.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: INSTRUMENTAL ABILITY

Choir: 0903 – Choir is a co-curricular course that is offered to students in grades 9-12. It is co-curricular in that choir students are not only required to attend daily rehearsal for the full school year, but must also participate and perform as a group after school hours for events to meet the needs of the school, community, and to enhance the educational value of the program for the students. A maximum of four high school credits in Choir can be earned.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Media in the Arts: 0964 - This course is designed for students with an interest in gaining experience in a variety of media art forms. The goal is to produce media arts projects that will teach students all aspects of photographic composition, manipulation and editing, basic video production, audio production, recording techniques, broadcast skills in video, radio, and podcasting, and basic web design. These projects are designed to give students the opportunity to develop skills that may proceed to independent work beyond this course.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Instrumental (Guitar): 1001 - This elective will cover basic knowledge of chords, note reading, strumming, tablature, scales, and beginning finger picking or lead playing. Such guitar styles as blues, ballads, rock, folk, and jazz will be explored.

Grade: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: TBD

Percussion: 1002 - Students meet as a separate class to learn percussion techniques and reading skills for a wide variety of percussion instruments and literature. Students will learn the concepts of rhythm, texture, balance, blend, and rudiments as they develop their role as ensemble members.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Music in Our Culture: 1003 - Music in Our Culture is an exploration of great music throughout history. Students begin by studying the elements of music (pitch, melody, rhythm, harmony, form, etc.) then learn about the instruments of the orchestra and performance group types to build a vocabulary with which to evaluate musical performances. From there, they survey music history in Western Civilization, from the Middle Ages through the present time. This study will include much emphasis on listening and responding to a wide variety of music, including the music of other world cultures. Along the way the student will ultimately become a better music listener. This course does not require students have any previous music knowledge but will definitely assist any student who plans to study music in college to be prepared for music history and world music courses.

GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Piano: 1004 - Students enrolled in Piano class develop specific performance skills through the development and refinement of keyboard skills. All students will, through daily practice and application, improve their piano keyboard skills and achieve the highest level of which they are capable. Beginner to intermediate will be the level at which students will be working in this course.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: TBD

Performing Arts Drama: 1006 – This fine arts elective provides opportunities for students to explore theatre skills and techniques. Students will learn the fundamentals of theatre through projects, including the creation and performance of short scenes and ensemble acting. Additional studies will include technical theatre and theatre critique.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Music Theory: 1203 - Music Theory will examine the basic concepts of melody, harmony, rhythm, and form as they relate to composition. Class activities will include the development of notation skills, music reading, active listening, music dictation and ear training. Students will engage in the study of harmonic progression, chord analysis, and examining the rules that have developed in composing classical western music. This class will both strengthen a student's notation and music reading skills, helping them to be successful in community performance groups in the future and prepare them for music theory or performance in college.

GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: TBD

Physical Education

Physical Education I: 0991 – This physical education course is designed to enhance physical fitness, help develop an appreciation for physical activity, and teach basic rules to a variety of team and individual sports. Students will be tested in health related fitness components to promote and reinforce living a healthy lifestyle through physical fitness. Successful completion of this course will satisfy 60 hours of the 120 physical education hours required for graduation.

GRADE: 9 LENGTH: SEMESTER CREDIT: .25 PREREQUISITE: NONE

Physical Education II: 1091 – PE II is directed toward refinement of skills and techniques previously learned in PE I coupled with an introduction of advanced skills and techniques, concepts and strategies. Sports/activities have been chosen to encourage students to participate in physical activity for life and to promote good health and wellness. Successful completion of PE II will satisfy the final 60 hours of the 120 physical education hours required for graduation.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .25 PREREQUISITE: 0991

Fitness/Wellness: 1193 - This elective class is designed for juniors and seniors who have successfully completed Physical Education I & II and who want to be enrolled in an advanced physical education class. This course will include the essential understandings, components and practices of health-related physical fitness. Other components to this class will include weight training and cardiovascular endurance activities to help students develop maximum performance in all areas of physical fitness and wellness.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0991, 1091

Science

Biology: 0921 – This course satisfies the Ohio Science Model Curricula and will prepare students for the end-of-course exam. This course will involve students in inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. This course reinforces the composition, diversity, complexity and interconnectedness of life on Earth. Concepts of heredity and evolution provide a framework through inquiry-based instruction to explore and explain the living world, physical environment and the interactions within and between them. Students engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communication skills and real-world applications.
GRADE: 9 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

Physical Science: 1022 - This is a year-long high school level course that will satisfy the Ohio Science Model Curricula. This is a course with inquiry-based laboratory experience that engages students in asking valid scientific questions and gathering and analyzing information. The course investigates the study of matter, waves and energy, forces and motion and the universe (astronomy). Algebra based mathematics, application of concepts and problem solving will be involved.
GRADE: 10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0921, 0931

Anatomy & Physiology: 1104 - A course in Anatomy and Physiology meets the needs of a more complete understanding of the basic principles of one's own body and functions beyond those fundamental concepts learned in Biology. Juniors and seniors interested in a profession such as nursing, physical therapy, physical education, pharmacy, and public health are introduced to the concepts upon which further study may possibly lead to a vocation in allied health. This course will put to use the manipulation of models, physiological probes and data collection, and dissection along with lecture to prepare the student for a college-level course in the fields of human biology and allied-health.
GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0921, 1022

Chemistry: 1143 - This is a year-long high school level course that will satisfy the Ohio Science Model Curricula. This course is designed for students who have a comprehensive background in mathematics. The course is intended to introduce students to principles, concepts and methods of operation in chemistry (substances and the changes they undergo). General concepts and laboratory work are emphasized more than in-depth analysis of specifics. Reading, lectures, homework, tests, and laboratory work are emphasized.
GRADE: 10/11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0921, 1022

Environmental Science: 1144 - Environmental Science is a year-long course designed to show thematic connections between a variety of science disciplines. It gives students a coherent and realistic picture of the applications of a variety of scientific concepts as they manifest in our environment. Students will focus on human population growth, natural resources, and ecosystem dynamics. The aim of this course is to increase students' knowledge of the environmental challenges of today, while continuing to cultivate scientific critical thinking skills.
GRADE: 11/12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0921, 1022

Physics: 1239 - This is a year-long course designed for students who have a solid background in math (Algebra I, Algebra II, Geometry and Pre-Calculus). The course is intended to introduce students to principles, concepts and operational methods of physics. This course will include the study of motion, forces, waves, light, and electricity.
GRADE: 12 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0931,0935,1035,1131

Astronomy: 1245 - This science course will provide the student with an introduction to the concepts of modern astronomy, the origin and history of the Universe and the formation of the Earth and the solar system. Students will compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. The course gives a description of astronomical phenomena using the laws of physics.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0931, 0935

Botany: 1247 - This science elective includes selected topics in plant biology such as taxonomy, plant physiology, genetics and ecology. Laboratory research skills such as advanced microscope techniques are developed.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0921

Zoology: 1248 - This science elective includes selected topics in animal biology such as taxonomy, animal physiology, and ecology. Laboratory research skills such as dissection and advanced microscope techniques are developed.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0921

Social Studies

American History: 0930 – American History is a mandatory course fulfilling Ohio’s Social Studies Curricula and prepares students for the end-of-course exam. The course begins with American colonization and leads up to the present day. Typical course activities include map work, class debates, research into historical events of significance, and creation of artifacts or writings.

GRADE: 9 LENGTH: YEAR CREDIT: 1 PREREQUISITE: NONE

American Government: 1030 - American Government is required course for graduation and satisfies Ohio’s Social Studies Curricula and prepares students for the end-of-course exam. The course will emphasize the political development of the United States including national, state, and local levels of government. The student will also explore the basic economic principles that govern our economic system.

GRADE: 10 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 0930

Psychology: 1102 - This elective course in general psychology is an introduction to the scientific study of behavior and mental processes. Students will learn about approaches to psychology, the life span, and the workings of mind and body. Students will be able to use this information to gain insight into your life and the lives of those around you. The course content includes the methods of psychological investigation, perception, consciousness, and learning.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Sociology: 1103 - Sociology examines how individuals, groups, and institutions interact to make up human societies. Students will learn about sociological perspectives, culture, social structures, and social inequality. Course content also promotes the study of people and the roles they play in society, both as individuals and groups. Topics of interest include: the family, education, political and economic institutions, religion, and sport.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Vietnam: 1120 – This course examines the nature and consequences of the wars fought in and around Vietnam since the 1940s, with particular attention paid to the long period of direct American involvement (1964-1973). These events will be considered in relation to Vietnam’s history, American politics and society, the nature of war itself, and the legacy of the war and its meaning in American and Vietnamese memory today. This course emphasizes the contrasting viewpoints on the Vietnam Wars. Students will explore views from Northern and Southern Vietnamese, French and American soldiers, anti-war protestors, government officials, and ordinary citizens caught in the war. Students will discuss the various perspectives, forming conclusions about how and why the United States became involved in the war.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 1130

Civil War: 1122 - History of the United States from 1846 to 1877 with special emphasis on the political, economic, social, and military aspects of conflict between the North and the South, including; the causes of the war, military strategy, the aftermath, and its effects on the United States in later years.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 0930, 1030

U.S. Presidents: 1128 – The primary purpose of this course is to provide an overview and a framework for understanding the presidential role in American politics. The office of president is unique, in that no other political office in the world combines formal powers with such high public expectations. Throughout the semester we will explore U.S. presidents and their leadership styles along with highlighting their sustaining contributions to American society.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 1030

World History: 1130 - This course examines world events from 17th-20th century. Students will gain an understanding of the distinctive and shared features of the world’s cultures, regions, people and events and the role of the United States in a world of increasingly global interdependence. Students will develop their geographical, critical thinking, and multimedia skills. This course is a requirement for graduation.

GRADE: 11 LENGTH: YEAR CREDIT: 1 PREREQUISITE: 1030

Contemporary World Events: 1225 - Given the current global challenges of the 21st century, this course enables students to deeply investigate how individuals, groups, and societies make decisions and act in response to complex, global issues. A case study approach that encapsulates multiple perspectives provides students with an opportunity to understand issues through in-depth inquiry, deliberation of their own positions, an engagement with diverse sources of information and technologies, and collaborative and constructive problem-solving activities.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: 1130 OR
CONCURRENT

Mock Trial: 1229 - Designed for students with an interest in law and oral argumentation. This intensive program immerses students in the world of the trial court. Opportunities are facilitated by the instructor for students to debate cases of law that have been settled in the Courts of America. Both sides of a case are presented through evidence, witness affidavits, evidence and case law. Participating students break down the case and act as lawyers and witnesses representing the two sides of the case.

GRADE: 9/10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

World Geography: 1271 – This elective is the study of the world’s peoples, places, and environments, with a focus on world regions. Particular emphasis is placed on students’ understanding and applying geographic concepts and skills to their daily lives.

GRADE: 11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Economics: 1291 - This semester elective aims to provide students with theoretical underpinnings and functional knowledge in economics to become informed consumers, producers, and citizens in today's world. Economics is the study of how individuals, businesses, and governments make decisions about the use of scarce resources in a world of unlimited wants and needs.

GRADE: 10/11/12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Miscellaneous

Community Service: 0990 – This opportunity is designed to promote and expand the active participation of young citizens in the Adams County Ohio Valley Community. Through volunteerism, students will gain practical community service learning experiences and apply their academic knowledge and skills to community based issues. This course is designed for seniors who have fulfilled their credits for graduation or on track to complete. This course does not meet graduation requirements and no credit will be awarded.

GRADE: 12 LENGTH: SEMESTER CREDIT: 0 PREREQUISITE: SENIOR STATUS

Study Skills: 1094 - The purpose of this course is to provide a student who struggles with certain aspects of learning with the necessary study skills and academic guidance in order to have a successful scholastic experience at the secondary level. In addition to receiving instruction and practice in basic academic skills (organization, effective study habits, note taking, time management, critical thinking, effective speaking, college preparation, etc.), each student will explore his/her unique learning abilities and be exposed to strategies for using his/her academic strengths to compensate for academic weaknesses. Student will receive assistance and guidance in the work that he/she completes for his/her academic courses which may include relearning a lesson not previously understood, and receiving assistance with homework assignments or test preparation. This course does not meet graduation requirements and no credit will be awarded.

GRADE: 9/10/11/12 LENGTH: YEAR CREDIT: 0 PREREQUISITE: NONE

Junior Career Seminar: 1108 - Students enrolled in this semester course will receive career and college advisement, along with the opportunities to explore a variety of career-related assessments to help them become aware of their career preferences. Data from these assessments will assist students in creating a “self-study” from which they can begin to formulate education and career goals.

GRADE: 11 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Library Science: 1201 – This course focuses on how information is organized, accessed, and evaluated, including use of information management systems in school, public, academic, and government libraries.

GRADE: 12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: TBD

Senior Seminar: 1208 - This course is designed for students who want to explore their post-secondary interests (whether college or career) through a variety of techniques. Students will research career interests via personality testing, educational choices, college or career funding options, in-depth careers research; employability skills; career shadowing, and a variety of 21st century life skills. Students will explore personal and professional goals, interests and aptitudes that will influence future life decisions.

GRADE: 12 LENGTH: SEMESTER CREDIT: .50 PREREQUISITE: NONE

Internship: 1297 - Career Internship is a structured work/study program that is intended to offer students job shadowing experience in his/her chosen field. This experience may or may not be paid. Attendance, tardiness, discipline record, grades, and courses previously taken will be factors to determine which students are selected to participate in the Internship Program. Drug screening may be required for the job placement depending on the organization hosting the intern. Students must provide their own transportation to and from the work site. Initial and final paperwork must be filed with the guidance counselor/principal for awarding of credit.

GRADE: 12 LENGTH: SEMESTER CREDIT: 1.00 PREREQUISITE: TBD

Career & Technical Programs

Automotive Technology

In this program students will apply skills needed to inspect and perform general service on vehicles. Students will research applicable service information and technical service bulletins, and perform maintenance on vehicles. Students will inspect and service engine, drive train, suspension, steering, electrical and braking systems. Students will perform ignition maintenance including spark plug/glow plug and ignition wire and coil pack replacement. Additionally, students change fluids, filters and inspect vehicles for leaks and fluid condition.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Construction Technologies Carpentry or Masonry Program

This program will introduce to students the materials, methods, and equipment used in carpentry and masonry. Students will organize a project work sequence by interpreting plans and diagrams within a construction drawing set. They will layout and install basic wall, floor and roof applications. Students will perform introductory concrete applications including formwork, reinforcement, mixing, and finishing. Current advancements in technology, safety, applicable code requirements and correct practices are learned.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Cosmetology

Students will learn basic shampooing, conditioning and haircutting including trimming, wet styling and thermal styling techniques when working with natural and synthetic elements. Students will learn basic bacteriology, infection control, and salon safety practices. Students will be able to recognize infectious disorders and contagious diseases learn the dispensary requirements, product storage, and requirements of the laws and rules, which regulate the cosmetology industry in Ohio. c hair. Students will also learn infection control and safety along with the science of ergonomics.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Farm Business Management

This program is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Health Sciences/ Allied Health

In this, program students will apply knowledge and clinical skills necessary to assess, plan, provide, and evaluate care to patients in varied healthcare settings. Students will apply first aid principles and techniques needed for response to choking, cardiopulmonary resuscitation, and other life-threatening emergencies. Emphasis will be placed on regulatory compliance, patient safety, pathophysiology, and medical interventions. Additionally, this course introduces psychomotor skills needed to assist individuals in meeting basic human needs.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Industrial Power Technology

In this program, students will learn the breadth of the Agricultural and Industrial Power Technology pathway. Students will learn the principles of power technology equipment systems which will include electronic and electrical systems, engines and fuels, hydraulic systems and power train components. Additionally, students will learn to safely operate and maintain machinery and equipment along with the principles of welding and metal fabrication.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Information Support and Services

This program in the IT career field is designed to provide students with a working knowledge of computer concepts and essential skills necessary for work and communication in today's society. Students will learn safety, security, and ethical issues in computing and social networking. Students will also learn about input/output systems, computer hardware and operating systems, and office applications.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Machining Technologies

This program introduces students to all aspects of machining applications in manufacturing. They will be able to perform routine calculations, interpret basic drawings, begin the process of performing accurate measurements and be able to plan simple machining processes. Students will learn the fundamental principles and practices of cutting, drilling and grinding using modern machine tools, hand tools and precision measuring instruments.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Pre-Engineering Technologies

Students in the pre-engineering programs acquire knowledge and skills in problem solving, teamwork and innovation. Students explore STEM careers as they participate in a project-based learning process, designed to challenge and engage the natural curiosity and imagination of middle school students. Teams design and test their ideas using modeling, automation, robotics, mechanical and computer control systems, while exploring energy and the environment.

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Restaurant Management Program

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

GRADES: 11/12 LENGTH: 2 years CREDITS: 8

Four-Year High School Planning Tool

<u>Middle School (classes receiving HS credit):</u>	<u>Total Credits</u>
<hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/> <hr style="border: 0; border-top: 1px solid black; margin-bottom: 5px;"/>	<hr style="border: 0; border-top: 1px solid black; width: 50px; margin: 0 auto;"/>

<u>Grade 9 (classes planned/received credit)</u>	<u>Total Credits</u>
English: _____ Math: _____ Biology: _____ Am. History: _____ PE I: _____ Health: _____ *Elective: _____	<hr style="border: 0; border-top: 1px solid black; width: 50px; margin: 0 auto;"/> 5 credits to advance

<u>Grade 10 (classes planned/received credit)</u>	<u>Total Credits</u>
English: _____ Math: _____ Physical Science: _____ Am. Government: _____ PE II: _____ *Elective: _____ *Elective: _____	<hr style="border: 0; border-top: 1px solid black; width: 50px; margin: 0 auto;"/> 10 credits to advance

<u>Grade 11 (classes planned/received credit)</u>	<u>Total Credits</u>
English: _____ Math: _____ Science: _____ World History: _____ Personal Finance: _____ *Elective: _____ *Elective: _____	<hr style="border: 0; border-top: 1px solid black; width: 50px; margin: 0 auto;"/> 15 credits to advance

<u>Grade 12 (classes planned/received credit)</u>	<u>Total Credits</u>
English: _____ Math: _____ Science: _____ S.S. _____ *Elective: _____ *Elective: _____ *Elective: _____	<hr style="border: 0; border-top: 1px solid black; width: 50px; margin: 0 auto;"/> 21.5 credits to graduate (see p. 2 for detailed graduation requirements)

*Electives – One (1) fine arts credit is required for graduation. Electives are student choice and must align with general graduation requirements (p. 2) and/or the criteria for an Honors Diploma (p. 6).

Course Listing & Planning Tool

Art

0981	Art I
1081	Art II
1181	Art III
1281	Art IV
1282	Drawing
SO1105A	Basic Drawing

Business & Technology

0960	Keyboarding
0961	Introduction to Business
0963	Document Processing
1063	Record Keeping
1165	Computers I/Data Processing I
1262	Accounting I
1263	Personal Finance
1266	Computer Programming
1267	Computer II/Advanced Computers
1290	Accounting II

Career Agricultural

0975	Ag Food/Natural Resources
1075	Animal & Plant Science
1175	Environmental Science for Ag/Natural Res
1176	Livestock Science
1276C	Ag & Environmental System Capstone
1276	Business Mgt. Ag & Env. Systems

Foreign Language

0951	Spanish I
1051	Spanish II
1151	Spanish III

Health

0993	Health
1194	Sports Medicine
1195	First Aid/CPR

Miscellaneous

0990	Community Service
1107	Study Skills
1108	Junior Career Seminar
1201	Library Science
1208	Senior Career Seminar
1297	Internship

ELA & Related Electives

0912	English Language Arts I
0912CP	CP English Language Arts I
1012	English Language Arts II
1012CP	CP English Language Arts II
1014	Speech
1016	Creative Writing
1017	Technical Writing
1112	English Language Arts III
1112CP	CP English Language Arts III
1115	Grammar Review
1116	Newspaper
1117	Yearbook I
1212	English Language Arts IV
1212CP	CP English Language Arts IV
1218	Movie as Literature
SO1101E	English Composition I
SO1102E	English Composition II

Mathematics

0931	Algebra I
0931CP	CP Algebra I
0935	Geometry
0935CP	CP Geometry
1035	Algebra II
1035CP	CP Algebra II
1131	Pre-Calculus
1132	Advanced Topics in Math
1237	Calculus
SO1141M	College Algebra
SO1142M	College Trigonometry
SSU1200	College Algebra
SSU1250	College Trigonometry
SSU2110	Calculus
SSU2500	Intro. Statistics

Music

0901	Band
0903	Choir
0964	Media in Arts Media Tech
1001	Instrumental (Guitar)
1002	Percussion
1003	Music in our Culture
1004	Piano
1006	Performing Arts Drama
1203	Music Theory I

Physical Education

0991	Physical Education 09
1091	Physical Education 10
1193	Fitness/Wellness

Science & Related Electives

0921	Biology (Req. for all 9th graders)
1022	Physical Science
1104	Anatomy/Physiology
1143	Chemistry
1144	Environmental Science
1239	Physics
1245	Astronomy
1247	Botany
1248	Zoology
SO1120C	Intro to Chemistry I

Social Studies & Related Electives

0930	American History
1030	American Government
1102	Psychology
1103	Sociology
1120	Vietnam
1122	Civil War
1128	U.S. Presidents
1130	World History
1225	U.S. & World Current Events
1229	Mock Trial
1271	World Geography
1291	Economics

CTC Programs & Pathways

	Automotive Tech.
	Construction Tech.
	Cosmetology
	Farm Business Mgt.
	Health Sciences/Allied Health
	Industrial Power Tech.
	Information Support Services
	Machining Tech.
	Pre-Engineering Tech.
	Restaurant Management

On-site dual credit offerings –TBD
 SO-Southern State Community College
 SSU- Shawnee State University