JACKSON CENTER HIGH SCHOOL

2026-2027
Course Booklet

Introduction

This booklet contains information for students, as well as parents. Included is information about student grades and grade point averages, academic recognition, and college scholarships. This booklet is also a guide for student scheduling during the high school grades of 9 through 12, and includes course descriptions for all classes offered at Jackson Center High School. For further information or answers to other questions, please contact the guidance office.

GENERAL INFORMATION

Grades for Classes

Student grades for classes are based on several criteria including quiz, test, and exam scores, special projects, completion of assignments, participation in class, and other factors as established by the classroom teacher. The grading scale of Jackson Center High School is as follows:

General

A	100-93
B	92-83
C	82-73
D	72-65
F	64-0

Grades for all classes will be reported by numeral and letter.

Final grades for full year classes will be computed by averaging the first semester and the second semester grades. Semester grades and final grades for semester classes will be computed by averaging the first quarter grade (3 times), the second quarter grade (3 times), and the semester exam (1 time), if an exam is given, divided by 7, equals semester average. Final average is the 1st semester average and 2nd semester average total, divided by 2.

Credits and Grade Placement:

High School students in grades 9 through 12 will be classified by grade based on the number of credits earned. The following applies:

Freshmen	0-5 credits	First Year in H.S.
Sophomore	5.25-10.75 credits	Second Year in H.S.
Junior	11-15.75 credits	Third Year in H.S.
Senior	16+ credits	Fourth Year in H.S.

Grade Point Average (GPA)

Student grade point average is computed at the end of the year for grades, 9, 10, and 11, and at the end of the first semester and the end of the year for seniors. Accumulative GPA and class rank for students is reported and calculated at the end of the year for grades 9, 10, 11, and 12, as well as at the end of the first semester for seniors. At Jackson Center High School, GPA is calculated as follows:

A	4 Points
B	3 Points
C	2 Points
D	1 Point
F	0 Point

GPA is computed by dividing the total number of points earned by the total number of credits attempted. Points are given as follows:

Grade	Credit	Points	Grade	Credit	Points	Grade	Credit	Points	Grade	Credit	Points	Grade	Credit	Points
A	1	4	B	1	3	C	1	2	D	1	1	F	1	0
A	.75	3	B	.75	2.25	C	.75	1.5	D	.75	.75	F	.75	0
A	.5	2	B	.5	1.5	C	.5	1	D	.5	.5	F	.5	0
A	.25	1	B	.25	.75	C	.25	.5	D	.25	.25	F	.25	0

Grade point average and cumulative GPA are used in determining valedictorian and salutatorian, establishing class rank, awarding some scholarships, selecting candidates for National Honor Society, gaining acceptance to some colleges and universities, as well as other functions. For questions about student grade point average, contact the guidance office.

Example of how a GPA is figured = divide the total points earned by the total credits attempted.

Student A: Course:	Grade:	Points:	Credit:
Algebra	93% A	4	1.00
Band	90% B	3	1.00
Biology I	85% B	3	1.00
English	90% B	3	1.00
PE II	100% A	1	.25
History	88% B	3	1.00

17 pts. 5.25 Credits = 3.238

Merit and Honor Rolls

Merit and Honor Rolls will be listed at the completion of each grading period. A student must have "A's" in all classes in order to earn Merit Roll status. The Honor Roll will recognize those students who have a 3.0 GPA or higher. Students who achieve Merit or Honor Roll status for all four grading periods will receive a gift card at the end of the school year.

Senior Academic Awards

The following guidelines are used to determine the senior award winner in each academic area:

Valedictorian Highest grade point average over four years

Salutatorian Second highest grade point average over four years

*Beginning with the class of 2028, we will be replacing the current Valedictorian and Salutatorian system with the Latin Honors System. The system will recognize students based on the scale below:

Summa Cum Laude: 3.9-4.0 GPA
Magna Cum Laude: 3.7-3.89 GPA
Cum Laude: 3.5-3.69 GPA

Art Best senior portfolio in a minimum of four art courses

English Highest-grade average in English over a minimum of four years

Family and Consumer Sciences Highest grade average in a minimum of three family and consumer science courses. at least 1 FCS course during Senior Year and active membership in FCCLA

Mathematics Highest grade average in a minimum of four and one-half credits of math courses with at least one having been taken during the senior year

Music Best senior performer from the four-year music students

Science Highest grade average in a minimum of four science courses with at least one having been taken during the senior year

Social Studies Highest grade average in a minimum of four social studies courses

Vocational Best senior at the Upper Valley Career Center as selected by the UVCC faculty

Vocational Agriculture: Highest grade average in a minimum of four vocational agriculture courses

World Language:
Highest grade average in world language in a minimum of three courses.

Diploma with Honors – Class of 2026 and Beyond

To receive the diploma with honors, a student must complete all but one requirement unless required for a standard diploma.

Academic Honors Diploma: Must meet all but one

a) English: 4 credits in English
b) Math: 4 credits in Math. One must be Algebra 2 and the other must be advanced beyond Alg. 2
c) Science: 4 credits in Science, 2 of which must be an Advanced Science credit.
d) Social Studies: 4 credits in Social Studies
e) Seal Requirement: Earn four diploma seals total not including the Honors Diploma Seal. Can use the OMJ Seal if not used for Experiential Learning demonstration.
f) Experiential Learning: Complete one of the following: Field Experience, Work-Based Learning, Portfolio, or Ohio Means Jobs Readiness Seal. You cannot use the OMJ Seal for any other requirement if used here.
g) World Languages: 3 credits in one foreign language or 2 credits in two different foreign language courses
h) GPA: 3.5 unweighted GPA or higher
i) ACT/SAT: ACT composite score of 27 or higher; or SAT score of 1280 or higher. Superscore permitted.
j) Student Strength Demonstration (SSD): Students can substitute a student strength demonstration for one of the following: GPA, ACT/SAT or World Language.

Career Tech Honors Diploma:

a) Math: Fourth math must be greater than Alg. 2
b) Career-Tech Coursework: Four units of CT Courses
c) Career-Tech Proficiency: Earned a cumulative score of proficient or higher on WebExams
d) World Language: Two units of one language (SSD Replacement options)
e) GPA: 3.5 unweighted GPA or higher (SSD Replacement options)
f) ACT/SAT/Workkeys (SSD Replacement options): ACT composite score of 27 or higher; SAT score of 1280 or higher; Workkeys scores of 6 or higher on all 3 sections
g) Industry-Recognized Credential Seal or Technology Seal
h) Experiential Learning: Complete one of the following - Field Experience, Work-Based Learning, Portfolio, or Ohio Means Jobs Readiness Seal.

Student Strength Demonstration Replacement Options (SSD):

• College Credit Plus: 12 total College Credit Plus credits
• Advanced Placement: three courses with score of 3 or higher on the AP tests • Career-Technical Assurance Guide (CTAG): 12 total credits
• Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
• WorkKeys: Score of 6 or higher on all tests (*void for Career-Tech Honors Diploma) • Armed Services Vocational Batter: Score of 50 or above on the ASVAB
• Work-Based Learning: 250 total hours of work-based learning

Award of Merit

To receive the Award of Merit from the Jackson Center H.S., students must meet the following requirements for either the college preparatory or the vocational curriculum.

Performance Criteria (applies to both college prep and vocational)

1. Maintain above average (91%) attendance for grades 9 through 12.
2. Demonstrate outstanding academic achievement by at least one of the following:
   - GPA of at least 3.25 through grades 9-12
   - GPA of at least 3.5 for grades 11 and 12
   - Rank in the top 25% of class
3. Participate in co-curricular, extracurricular, and/or community activities
4. Display outstanding citizenship and character traits.

College Preparatory Curriculum

1. Earn four units of English.
2. Earn three units of math which must include the courses of Algebra I and Geometry.
3. Earn three units of science which must include two units from advanced sciences
4. Earn three units of social studies.
5. Earn three units of a foreign language or earn two units each of two different foreign languages.
6. Earn two units of business, computer science, or fine arts or earn two additional units from one or more of the area which are listed above.

Vocational Curriculum

1. Earn four units of English.
2. Earn three units of math.
3. Earn two units of science.
4. Earn three units of social studies.
5. Earn two units from business, computer science, foreign language, or fine arts or earn two additional units from one or more of the areas which are listed above. 6. Complete a two-year program at the UVCC.

Outstanding Student Award

Thisaward is presentedtothesenior boyand girl who achieve the most points in the areas of leadership, behavior, contribution, academic effort and achievement, and character in conducting himself or herself in a sportsmanlike manner while participating in the daily activities and extracurricular functions of JCHS, especially in his or her consideration of other students. The students are rated annually by the faculty. The total of these evaluations over the four-year period is used to determine the winners of this award. The recipients of this honor will receive a scholarship sponsored by the Greater Growth Association.

Local Scholarship Awards

During the past few years, the number of local scholarships sponsored by local businesses, organizations, and families has increased steadily. Several thousand dollars in scholarships are now awarded annually to the students of Jackson Center High School. We at JCHS are indeed fortunate to have this outstanding support in our community.

Scholarships are awarded to graduating seniors who are planning to attend college. Selections are based on various criteria which can include: student grade point average; financial need; academic effort and achievement; and seriousness of study throughout high school. These scholarships are given as a reward for high school academic achievements and as an incentive to seek further education.

Credit Flexibility

Credit Flexibility options available at JCHS include the following: independent study, online classes, culminating projects, portfolios, CCP courses, end of course exams, and other student developed proposals. Students will complete an application as well as develop and submit a plan to JCHS credit flexibility committee who will review it. In the plan, students will state specifics for the method and timeline. Plans may be accepted, accepted with modifications or rejected by the committee. Please see Mrs. Metsker for an application on Credit Flexibility. Deadline is May 1st.

Eligibility Requirements for JCHS and OHSAA

OHSAA requires that you are passing 5 credit courses, or their equivalent, in the immediately preceding nine-week grading period to be eligible to participate in sports. JCHS has a GPA rule of at least a 1.5 to participate in any extra-curricular (sports and activities/clubs). For more information, go to the Ohio High School Athletic Association Website: www.ohsaa.org.

NCAA Requirements

Per NCAA Website: To be successful in college, students need to be prepared for college coursework. In Division I and Division II, the NCAA sets academic initial-eligibility standards that take into account GPA, standardized test scores, core courses taken in high school and the grades earned in those course courses. Division III schools hold student-athletes to the same overall standards for the institution in which they're enrolling. All student-athletes also must meet the unique acceptance requirements of the college or university they plan to attend (which may exceed NCAA standards). College-bound student-athletes preparing to enroll in a Division I or II school need to register with the NCAA Eligibility Center prior to the conclusion of their junior year of high school to ensure they have met amateurism standards and are academically prepared for college course work. Please let Mrs. Metsker know when you have registered as she will need to send your transcript to the eligibility center. To register, go to: https://web3.ncaa.org/ecwr3/

JCHS College Credit Plus Education

Students have the opportunity to include college courses in their high school schedules. The CCPor College Credit Plus Program has been established for this purpose. Each year students and parentswill be notified by mail of a meeting with the guidance counselor and partner colleges to discuss this program. Students who want to participate will have to complete and return a required form tothe guidance counselor by April 1st and also contact the college which they want to attend. CCP students can earn both high school and college credit and not have to pay any college fees.

CCP courses available at JCHS are:

English: 3 credit hours at Edison State CC
Research/Composition (ENG 121) – 3 credits
Intro to Literature (ENG 123) – 3 credits

Math: 3 credit hours at Edison State CC
College Algebra (MTH 122S) – 3 credits
Trigonometry (MTH 123S) – 3 credits

Science: 3 or 4 hours of credit for each course at Franklin University or Edison State CC
Intro to College Biology I (BIO 201/201L) – 3 credit class and 1 credit lab from Franklin Univ.
Intro to College Bio II (BIO 202/202L) – 3 credits class and 1 credit lab from Franklin Univ.
Environmental Science (ENV 101) – 3 credits from Franklin Univ.
Geology (GEL 211/211L) – 3 credits class and 1 credit lab from Franklin Univ.
Chemistry (CHM 110S) – 4 credits from Edison State CC

Social Studies: 3 credit hours at Edison State CC
US History (HST 121) – 3 credits

FCS: 1 - 3 credit hours at Rhodes State College
Wellness (DTN 1220) Principles of Nutrition – 2 credits
Personal Finance is offered for CTAG credit

Culinary- 2 credits

ASL – American Sign Language: 3 credit hours at Edison State CC
ASL I (ASL 121) – 3 credit hours
ASL II (ASL 122) – 3 credit hours
ASL III (ASL 221) – 3 credit hours
ASL IV (ASL 222) – 3 credit hours

JCHS Career Technology Education

Besides offeringFamily & Consumer Science andVocational Agriculture courses in our building, our students have the option to attend the Upper Valley Career Center their junior and senior year for a Career Tech Education in a program of their choice.

Programs available at the UVCC are:

Ag and Environmental Systems:
Ag and Power Technologies
Landscape Management
Veterinary Science

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Ag and Power Technologies
Landscape Management
Veterinary Science

Arts and Communication:

Design and Digital Print Technologies

Construction Technologies:

Construction Technologies
Electrical Trades
Heating, Ventilation, Air Conditioning
Refrigeration Technologies
Building Maintenance

Engineering and Science Technologies:

Robotics and Automation
Pre-Engineering and Design Techniques

Education and Training:

Early Childhood Education and Care
Teacher Academy

Health Science:

Medical Careers Academy
Sports Medicine

Hospitality and Tourism:

Veterinary Science

Hospitality and Tourism:
Culinary Arts

Human Services:
Cosmetology

Information Technologies:

Computer Information Technology
Interactive Media

Manufacturing Technologies:
Welding Technologies
Manufacturing and Machining Technologies

Transportation Systems:

Auto Collision Repair Technologies
Automotive Technologies

Law and Public Safety:

First Responders Academy

Transitional Access Programs:
Discovery and Project Search

*We will visit the UVCC the sophomore year. Medical Careers AcademySophomores then apply for the next Sports Medicine school year.

Ohio Graduation Requirements

Students are required to meet the following requirements in order to graduate.

1. **Complete 22 units of credit**. The minimum requirements are:
   4 units of English
   4 units of Math - must include Alg. II or its equivalent
   3 units of Social Studies – must include Am. History, Government, and World History
   3 units of Science – must include a life, a physical science, and an advanced science
   ½ unit of Personal Financial Management
   ½ unit of Personal Wellness (Health)
   ½ unit of Physical Education (options: PE waiver, credit flex)
   1 unit Fine Arts
   5 ½ elective credits (minimum)
2. **Demonstrate Competency:** Students must demonstrate competency in math and English by passing the state's algebra I and English II tests with a minimum score of a 684. Students who have taken required tests more than once without passing and have received remedial supports are able to show competency through one of the options below: • Earn credit for one math and/or one English course through College Credit Plus; • Demonstrate career readiness and technical skill through foundational and supporting options; • Enter into a contract to enlist in the military upon graduation.
3. **Preparation for College or Careers:** Students must earn two diploma seals, one of which must be state defined, to demonstrate academic, technical and professional readiness for careers, college, and the military or self-sustaining professions.

Ohio Graduation Seals

Per ODE Website:
In addition to fulfilling curriculum requirements and earning the competency requirements listed above, students also must show they are prepared for college or careers. An Ohio law created 12 seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school. (S) State defined (L) Locally defined.

List of Seals

- Military Enlistment Seal (S)
- Technology Seal (S)
- Industry-Recognized Credential Seal (S)
- Ohio Means Jobs Readiness Seal (S)
- State Seal of Biliteracy (S)
- College Ready Seal (S)
- Citizenship Seal (S)
- Science Seal (S)
- Honors Diploma Seal (S)
- Community Service Seal (L)
- Student Engagement Seal (L)
- Fine and Performing Arts Seal (L)

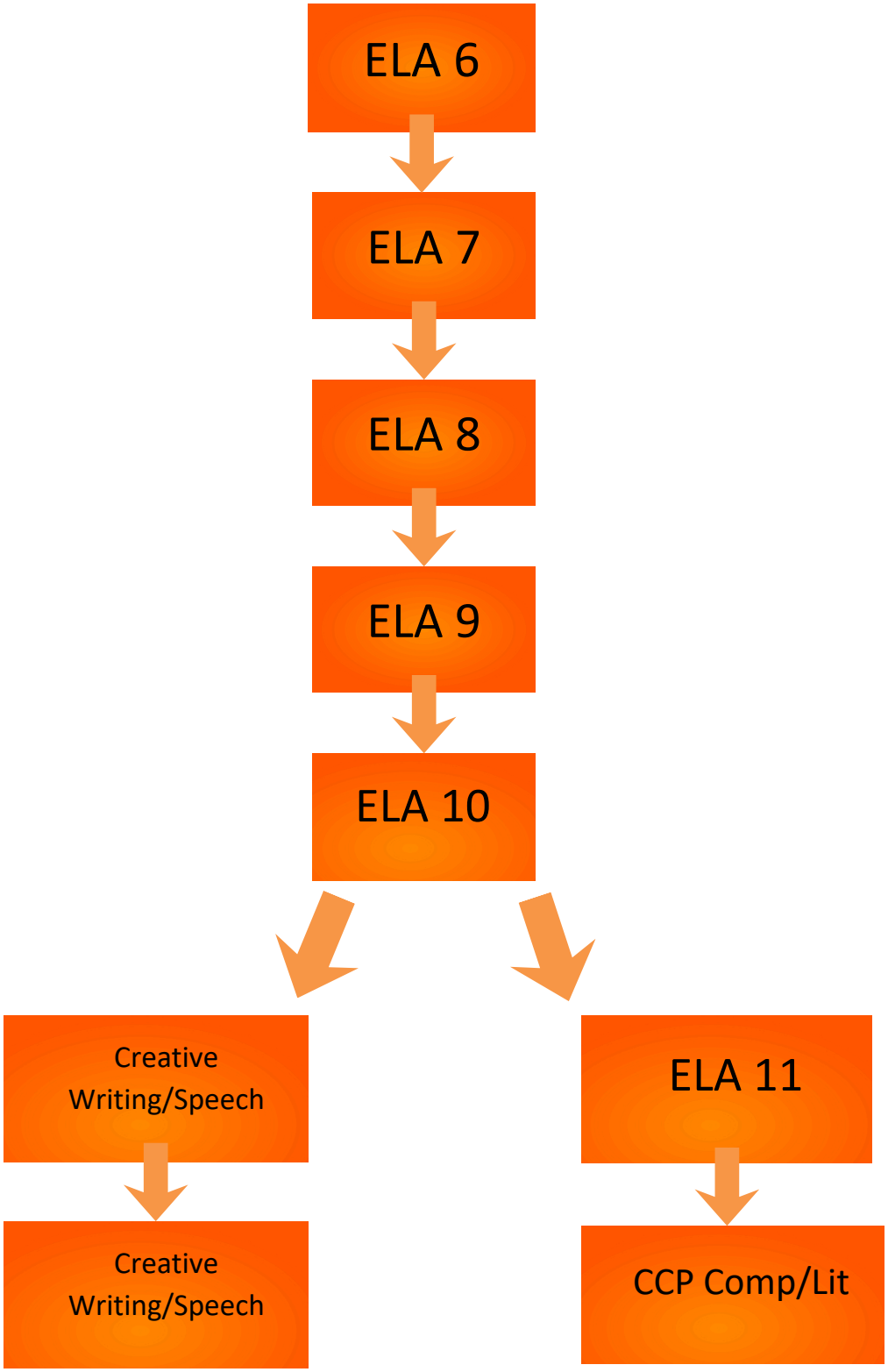
Curriculum Plan:

	9th Grade:	10th Grade:	11th Grade:	12th Grade:
4 YEAR COLLEGE PREP	English9 Geometry Physical Science World History Wellness Elective Elective	English 10 Algebra 2 Biology American History Foreign Language Personal Finance Elective	English Calc/CCP Adv. Science Gov/Elective Foreign Lang. Tech. Class Elective	English Calculus/Stats CCP Adv. Science Government/Elective Foreign Language PE/Wellness if not complete Elective
2 YEAR COLLEGE PLAN	English 9 Alg 1A/Alg 1 B Physical Science World History Wellness Elective Elective	English 10 Alg 1 Geometry Physical Biology American History Foreign Language Personal Finance Elective	English Geometry/Alg 2 Chemistry/Elective Gov/Elective Foreign Lang. Tech. Class Elective	English Stats/Alg 2 CCP Adv. Science Government/Elective Foreign Language PE/Wellness if not complete Elective
VOCATIONAL PATH	English 9 Ag 1A Physical Science World History Wellness Elective Elective	English 10 Alg 1 B Biology American History Personal Finance Elective	English Geometry Science Elective Gov/Elective Tech. Class Elective	English Alg 2 Science Elective Government/Elective PE/Wellness if not complete Elective
UVCC	English 9 Math Physical Science World History PE/Wellness Art/Choir	English 10 Math Biology American History Foreign Language Personal Finance Elective	English Math Science Elective UVCC Prog Lab Foreign Lang. Employability Skills Prog Theory	English Math UVCC Prog Lab UVCC Prog Theory Foreign Language Government PE/Wellness if not complete

- Pers. Finance/Career Search - can be taken in the 10th, 11th or 12th gr. - A visual or performing art must be taken sometime during grades 9 - 12th. -PE class must be taken if a student is not earning a PE waiver.

JCHSEnglish Language Arts

CoursePathways



English----------

English 9 109 1 Credit Full year course

This general English course emphasizes oral and written communication with a strong focus on grammar, writing, reading, and the basic elements of literature. Each student in the class will read two novels by various authors chosen by the teacher, short stories, famous speeches, poetry, non-fictional texts, and one play (Shakespeare's *Romeo and Juliet*). Writing assignments will focus on narrative, expository, and argumentative essays, including citations. These will be aligned with the CCSS, including research and oral presentation.

English 10 110 1 Credit Full year course

Prerequisite - Eng. 9

This course is a general study which allows students to learn the elements of various genres of literature. In addition to an intense study and development of vocabulary and grammar, each student in the class will read at least two novels (by various authors - teacher will choose the novels) and one play (Shakespeare's *Julius Caesar*). Writing assignments focus on narrative, expository, and persuasive/argumentative essays, including citations. These will be aligned with the CCSS, including research and oral presentation. **This class contains an End of Course Exam as required by the State of Ohio.**

English 11 111 1 Credit Full year course

Prerequisite - English 10

This course is a general study that reinforces the elements of reading and writing. Students will be required to cover a wide variety of fiction and non-fiction text, from early British literature through current American literature. Students will analyze text in depth and apply critical thinking. Students will also be required to read two novels (at the discretion of the teacher) and the play *The Crucible* by Arthur Miller. Writing assignments will range from poetry to intensive research, with a focus on reliable sources, proper citations, and oral presentations of knowledge. This course is aligned with the Ohio standards.

Speech 1 114 ½ Credit Semester course

This is a general education course in which students are introduced to the fundamentals of speech and communication, including both verbal and visual requirements. Students will learn delivery and style for various presentations. Impromptu, life skills, and formal speeches are a few types of speeches included in this course.

Speech II 115 ½ Credit Semester course

Prerequisite - Speech I

This course is a continuation of Speech I. Students will fine tune their communication and presentation skills through a series of speeches. Students will learn to rely less on notes and place more focus on delivery. Formal, informal, impromptu, and life skills speeches are required, along with a final exam speech.

Creative Writing 116 1 credit Year long course

This English elective reinforces the fundamentals of writing and author's purpose. Students will be engaged in the study of and practice of both fiction and nonfiction writing. Students will analyze their own writings and the writings of their classmates in an extensive editing process. Writing assignments in this course focus on short stories, narratives, poems, critical and personal essays. Students will be encouraged to submit their writings to various literary contests for publication.

CCP Composition 1 121 3 Credit Hours (Edison) Semester course 1 High School credit
*Prerequis*ite - College Prep English (English 1), *Accuplacer placement or ACT score of 18 on English*
Students will engage in the study and practice of essay writing by reading published authors and producing college-level writing for a variety of audiences and purposes. Employs critical thinking and analytical skills in both formal and informal writing. Formal writing is based on reporting information, narration, analysis, and research. All writing will stress Standard English, organization, and style. Required writing includes a magazine analysis, a critical response of writing, a feature article, an annotated bibliography, and a research narrative.
DE 121 – ENG 121 – 3 CCP credits through Edison State

CCP Introduction to Literature 123 3 Credit Hours (Edison) Semester course 1 High School Credit
Prerequisite - Composition I Study in the reading of fiction, poetry, and drama. Students will learn to respond to literature froma critical perspective through both class discussions and assigned writings. This class requires a heavy reading schedule. Students will be required to form their own thoughts about a literary work and respond to those thoughts through weekly written responses that meet the demands for collegerigor. Students will also write a criticism analysis, proposal, annotated bibliography, and a research paper. **DE 123 – ENG 123 – 3 CCP credits through Edison State CCP**

JCHS Mathematics

Course Pathways

Math 6	Math 6	Math 6
Math 7	Math 7	Math 7
Math 8	Math 8	Alg 1
Alg 1 A	Alg 1	Geometry
Alg 1 B	Geometry	Alg 2
Geometry	Alg 2	CCP Alg/Trig
Alg 2/ Consumer Math	CCP Alg/Trig or Statistics	Calculus

MATH ----------

Algebra I (Alg. IA-211A and Alg. IB-211B) 211 1 Credit Full year course

Prerequisite - Math 8 with at least a grade of a "B" average

Students with a particular interest in math or science, and especially those who are planning to attend college, are encouraged to enroll in Algebra I (may also be taken in 8th grade as Algebra 8). This course is a study of a language through which most of mathematics is communicated. This is a math course that utilizes abstract thinking to express concrete situations. Students will represent situations that involve variable quantities with expressions, equations, and inequalities. A variety of solving techniques will be presented along with many opportunities for problem solving. Graphing calculators are accessed on Chromebooks (Desmos), so it is imperative to bring a charged Chromebook to class each day. **EOC exam.**

Geometry 212 1 Credit Full year course

Prerequisite - Algebra I

Modern Geometry entails the study of the meaning of sets, points, lines, planes, angle relationships, perpendicular lines, parallel lines and planes, congruent triangle, similar polygons, circles, arcs, and other areas. The student receives valuable training in understanding the basic structure of geometry; in developing the powers of visualization while building the knowledge of the relationship among geometric elements; in understanding the deductive method and an appreciation of the need for precision in geometric language; in the use of algebraic skills; in gaining some knowledge of the methods of coordinate geometry; and of the way algebra and geometry complement each other. The modern geometry course presents the whole treatment with an interpretation of planar and solid concepts with an effective use of Algebra 1. **EOC exam.**

Probability/Statistics: 213 1 Credit Full year course

Prerequisite: Algebra II

This is an introductory course in statistics designed to provide students with the basic concepts of data analysis and statistical computing. Topics covered include basic descriptive measures, central measures of association, probability theory, confidence intervals, and hypothesis testing. The main objective is to provide students with pragmatic tools for assessing statistical claims and conducting their own statistical analyses**.**

Consumer Mathematics 214 1 Credit Full year course

Prerequisite - Geometry

Description: Applied mathematics takes algebraic and geometric concepts and applies them to real life (breakeven point, supply and demand, building, etc.). The course will focus upon the use of modeling to represent mathematical and real-world contexts. The application and creation of mathematical models engages students in learning experiences that relates classroom mathematics to everyday life and decision-making. The content of this course focuses upon specific learning expectations defined in the Common Core State Standards for high school mathematics, particularly those standards emphasizing the use of mathematical modeling with linear, exponential, quadratic, and rational functions, as well as geometry and statistics topics that require the use of mathematical modeling. The class will have many hands-on activities using graphing calculators, spreadsheets and measuring devices.

Algebra II 222 1 Credit Full year course
Prerequisite – Algebra I and Geometry with at least a "C" average in Algebra I
The basic laws of algebra are studied in-depth and their application revealed in some skills. Some of the topics to be studied this year are functions, linear equations and inequalities, matrices, linear systems, sequences and series, quadratic functions, complex numbers, polynomial functions, exponential and logarithmic functions, rational functions, and an introduction to trigonometry will be explored in detail. Method of evaluation may include tests, quizzes, homework, and notebooks. Graphing calculators are used frequently throughout the year. Graph paper is a necessary supply.

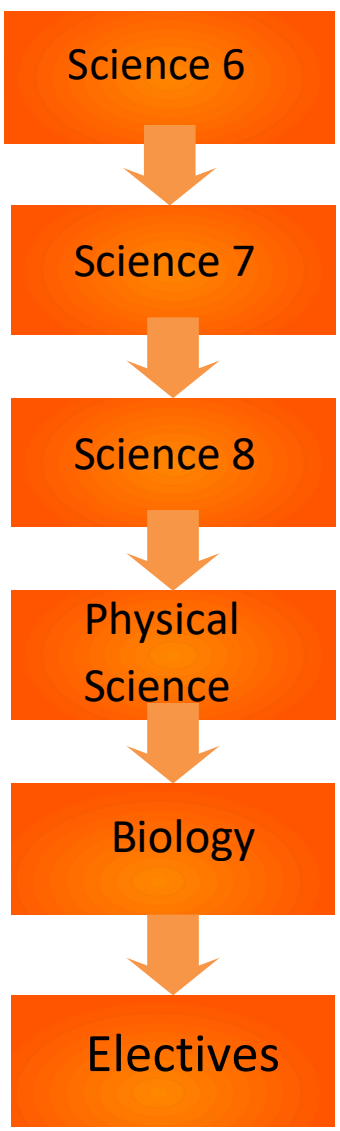
Calculus 224 1 Credit Full year course
Prerequisite – CCP Algebra/CCP Trigonometry/Pre-Calculus
By the end of this course, students will be able to work with functions represented in a variety of ways: graphical, numerical, analytical, or verbal, and will understand the connections among these representations. Students will understand the meaning of the derivative in terms of a rate of change and local linear approximation and they should be able to use derivatives to solve a variety of problems. They will understand the meaning of the definite integral both as a limit of Riemann sums and as the net accumulation of change and should be able to use integrals to solve a variety of problems. Students will understand the relationship between the derivative and the definite integral as expressed in both parts of the Fundamental Theorem of Calculus. Students will improve on communicating mathematics both orally and in well-written sentences and should be able to explain solutions to problems. They will be able to model a written description of a physical situation with a function, a differential equation, or an integral.

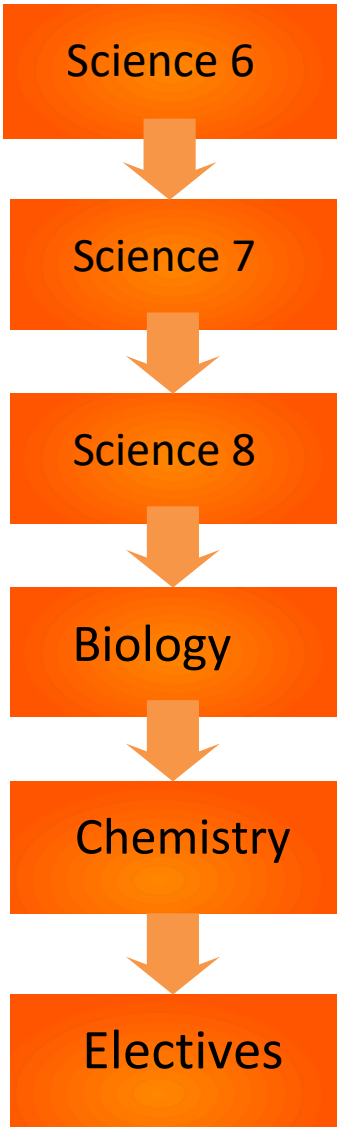
CCP College Algebra DE211 1 Credit Semester course
3 CCP credits (Edison State CC)
Prerequisite – Algebra I, Geometry and Algebra II
College algebra course is designed to prove a basis for continued study in mathematics or application fields. Topics include: functions and relations and their graphs; algebraic operations on functions; theory of polynomial equations; analysis of rational functions; exponential and logarithmic relationships; systems of equations and inequalities. **DE225 – MTH 122S College Algebra - 3 semester hours through Edison State CC.**

CCP Trigonometry DE213 1 Credit Semester course
Prerequisite – Alg. 1, Geometry and Algebra II
Part of an algebra-trigonometry sequence. Topics include basic trigonometric ratios; radians as an angle measure; trigonometric functions and their graphs; trigonometric identities; trigonometric description of complex numbers and roots and powers of real and complex numbers**. DE213 – MTH123S Trigonometry – 3 semester hours through Edison State CC.**

JCHS SCIENCE

COURSE PATHWAYS





Electives:

Physical Sciences- Chemistry (CCP), Geology (CCP), Physics

Life Sciences- Anatomy, Environmental Science (CCP), Advanced Biology I and II (CCP)

Applied Science can fulfill either the life or Physical Science requirement as it includes both

SCIENCE----------

Requirements: 1 Physical Science, 1 Life Science and one other.

Physical Science 301 1 Credit Full year course
Grades 9 - 12
This course fulfills the Ohio Core Physical Science requirement and helps prepare students for Chemistry and Physics. This course will present the following topics: study of matter, forces and motion, the universe and science inquiry and application. This course is designed to help students gain an understanding of physical science in the everyday world. Lab work is included in this course.
Biology 305 1 Credit Full year course
Grades 9 – 12
This course fulfills the Ohio Core Biological Science requirement and prepares them for the upcoming End of Course Exam. The course includes the topics of cells, heredity, evolution, diversity and interdependence of life and science inquiry and application. Lab work is included in this course. **EOC exam.**

Anatomy/Physiology I 303 1 credit Full year course
Grades 10 – 12
Prerequisite - Biology
This course is an in-depth study of human anatomy and physiology. Lab consists of animal organ dissections, tissue microscopy, blood typing, and other items. A preliminary investigation into the structure and functions of the human body.

Chemistry I 307/DE307 1 Credit Full year course
CCP Credits – 4 through Edison State CC
Grades 10-12
Prerequisite Algebra 2 and a grade of B or better in Biology
This course provides comprehensive introduction to principles of chemistry. Students will gain an understanding of matter, atomic theory, chemical reactions, solutions and solubility, rates of reactions, equilibrium and acids & bases. The course is the foundation for further study including advanced chemistry, physics, anatomy & physiology and advanced biology. *Prerequisite is 1 year of high school algebra.* **DE307 – (CHM 110S – Intro to Chemistry) – 4 credits through Edison State Community College**.

Physics 308 1 Credit Full year course
Grades 11-12
Prerequisite Complete or concurrent enrollment in Pre-Calculus Grade of B or better in Chemistry
Physics deals with the principles of force, motion, energy, waves, magnetism and electricity. In addition, students will be involved in a variety of design and experimentation projects. The purpose of the course is to develop a conceptual understanding of basic physics along with strong analytical, scientific, and problem-solving skills.

Intro to College Biology I 316/316L Intro to College Biology II 317/317L 1 High School
Credit each - Semester course each
4 CCP Credits – including lab (Franklin University) – 8 total
Grades 11- 12
Prerequisites – Alg. II and Biology
This is a college equivalent course. Content and pace will be similar to that of first year biology major. Students are required to complete independent readings, research, and presentations in printed, technological, and oral forms. Topics will include molecular and cell biology, heredity and evolution,

classification and physiology of the five kingdoms, and ecology. Laboratory work will reinforce good lab techniques and safety. Students will be expected to design and execute a good experimental design, collect usable data, and write reasoned lab reports explaining how data supports or rejects hypotheses made by the student. **DE316/317- BIO 201/202** – **4 college credits each available through Franklin University (8 total)**

Applied Science 311 1 Credit Full year course

Grades 11-12
Prerequisites – Biology and Physical Science or Chemistry
Applied science is designed to incorporate basic principles of science, engineering, math, and technology. These principles will be applied to real world problems and situations. Throughout this course application and creation of scientific models will engage students in learning experiences and relate classroom science to the real world. The course will involve a great deal of hands-on, problem and project-based learning.

Environmental Science 314 1 High School Credit Full year course

3 CCP Credits (Franklin University)
Grades 9 - 12
This course focuses on current trends in the relationship between human society and the environment. Critical analysis of opposing environmental claims and perspectives helps students apply the general background they receive in class to society's ongoing environmental discussion. Topics considered include ecological principles of sustainability, alternative energy sources, resource-use efficiency, consumption and waste reduction, environmental policy, biodiversity, and environmental sustainability.
DE 314 - ENV 101 Humans & Their Environment – 3 college credits through Franklin University.

Geology 315 1 High School Credit Full year course

4 CCP Credits including lab (Franklin University)
Grades 9 – 12
This lab course studies the materials on the earth's crust, the processes that produce and modify them, and the development of the earth through time.
DE315 – GEL 211 Geology – 4 college credits through Franklin University.

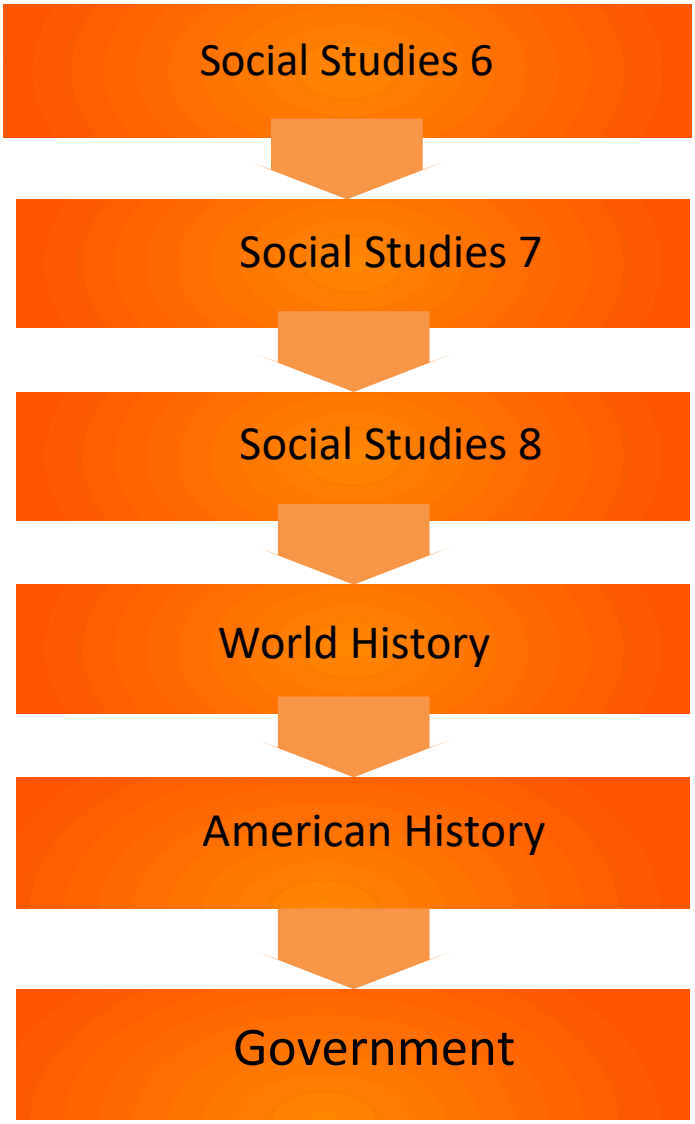
Astronomy 302 1 High School Credit Full year course

Grades 9 – 12

The purpose of this course is to enable students to develop and apply knowledge of the universe and compare the conditions, properties, and motions of bodies in space. Emphasis shall be placed on concepts basic to Earth, including materials, processes, history, and the environment.

JCHS SOCIAL STUDIES

COURSE PATHWAYS



Electives: Can be Taken Any Year

Psychology, Current Events/World Leaders

SOCIAL STUDIES----------

Current Issues 402 ½ Credit 1 Semester

This class is for those who are more interested in what is rather than in what has been. It covers current happenings in such areas as foreign affairs, civil rights, trade, industrial developments, abortion, euthanasia, and many other areas of daily life. Students are required to make daily reports on current events from such sources as television, radio, newspapers, magazines, and other. Opposite World Leaders in the schedule

World Leaders 403 ½ Credit 1 Semester

The class looks at the leadership qualities of both former and current leaders. We not only look at world leaders but the leaders who are directly involved in our everyday life. Throughout the course we will also look at ways for individuals to build upon their own leadership skills. Placed opposite Current Issues in the schedule.

Psychology 412 ½ Credit 1 Semester

Psychology is the social science that seeks to measure, explain, and sometimes change the behavior of humans and other animals. This course provides students with an understanding of the basic processes and concepts of behavior and of the ways in which people may apply psychological findings to their own lives. Students will read from various sources, conduct research, present findings, and participate in activities and experiments.

US History 421 1 Credit Full year course

3 CCP Credits – Edison State CC
Required 9th grade class
This course begins with the study of the effects of the old world on the new and continues through modern times. Emphasis is placed on the contributions of many people to our country's greatness, the great social changes and events, their causes and effects on the future, and the appreciation of the responsibility of every citizen. With knowledge and understanding of these things, a student may learn to hold on to the advantages of living in America, and recognize needed changes for the future. **EOC exam. DE 421 - HST 121 US History after 1877 – 3 credits through Edison State CC**

American Government 422 1 Credit Full year course

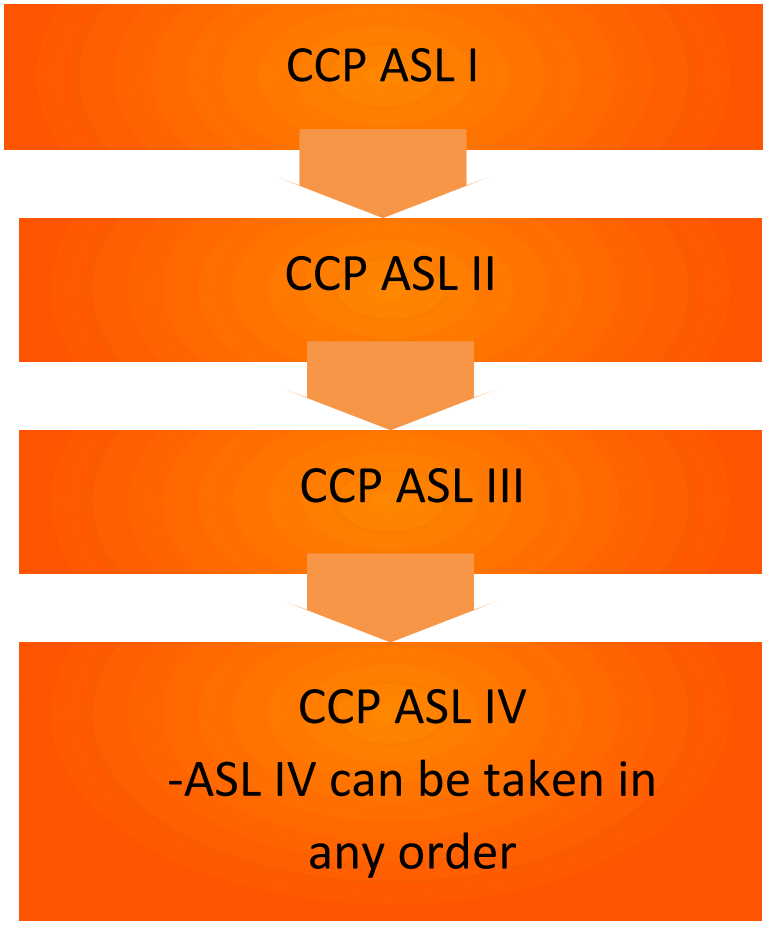
Required 11th or 12th grade class
American government is the study and investigation of our Constitution and the various departments set up by it. These departments and their agencies are studied at the federal, state, and local levels. Federalism, politics, competing world philosophies, the United Nations, taxation, labor, elections, and current events are some of the areas, which will be covered. **EOC exam.**

Modern World History 423 ½ Credit 1 Semester

Graduation requirement for the Class of 2021 and beyond.
World History will offer students an overview of the history of human kind from the earliest of times to the present. This course will emphasize the study of significant people, events and issues. Students will uncover broad historical themes that happen repeatedly and connect ideas and events across time periods. This course will involve the use of technology as a research tool, and a resource in and of itself.

JCHS WORLD LANGUAGES

COURSE PATHWAYS



ASL is the only World Language that we offer in person at JCHS, but a student can choose to take other World Languages through our Credit Flex Option or through CCP.

Foreign Language----------

American Sign Language I 126 3 Credit Hours (Edison) Semester course
1 High School Credit
This course provides a foundation for non-signers to study ASL and learn about deaf culture. It includes principles, methods and techniques for communicating with deaf individuals who sign. Course focuses on development of receptive and expressive sign skills, manual alphabet, numbers, sign vocabulary, syntax, grammar and culture.
PS126 – ASL 121 Beginning ASL I - CCP course through Edison State Community College – must meet their requirements - 3 CCP credits

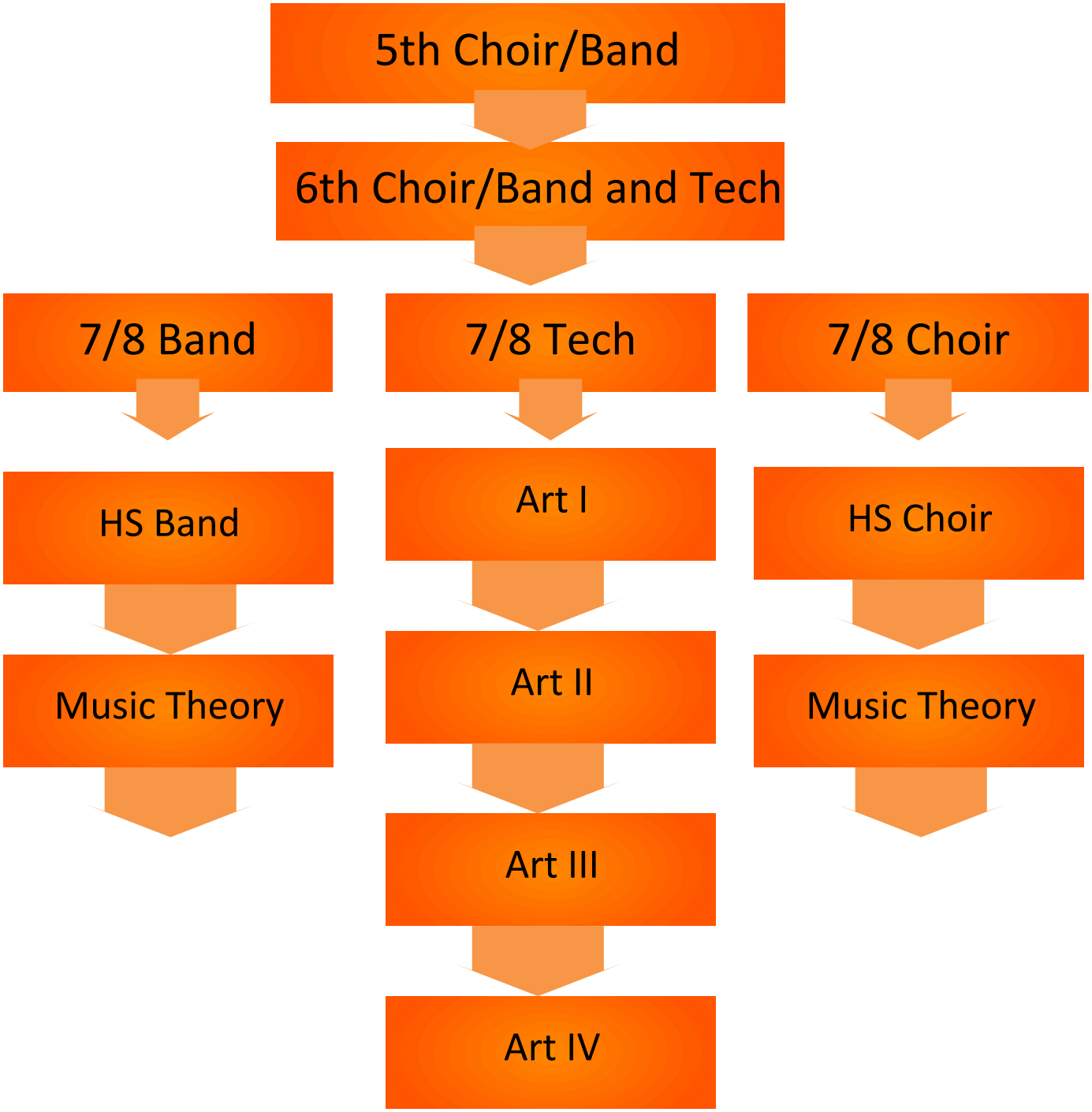
American Sign Language II 127 3 Credit Hours (Edison) Semester course
1 High School Credit
Prerequisite: ASL 126 (ASL 121)
Continue to study ASL grammatical structure, vocabulary, finger spelling, use of signing space, conversational regulators and introductory aspects of deaf culture. **PS127** – **ASL 122 Beginning ASL II - CCP course through Edison State Community College – must meet their requirements- 3 CCP credits**

American Sign Language III 128 3 Credit Hours (Edison) Semester course
1 High School Credit
Prerequisite: ASL 127 (ASL 122)
Express abstract concepts in ASL using appropriate grammatical structure, signing space, vocabulary, finger spelling and non-manual markers. The course also features continued development of conversational regulators and aspects of deaf culture. **PS128 –ASL 123 Intermediate ASL I - CCP course through Edison State Community College – must meet their requirements - 3 CCP credits**

American Sign Language IV 129 3 Credit Hours (Edison) Semester course
1 High School Credit
Culture and history of American Sign Language is an in-depth study of significant events and persons influential in Deaf culture. Art, theater, education, sports, and organizations essential to the Deaf community are explored. Students will conduct research projects, read professional journals and other required sources during the course. **PS129 – ASL 299 Culture and History of ASL** - **CCP course through Edison State Community College – must meet their requirements - 3 CCP credits**

JCHS FINE ARTS

COURSE PATHWAYS



Fine Art Electives to be taken any year:
Jazz Band, Music Tech, CCP Tech (through Rhodes)

FINE ARTS—----------

Art I and Art II 601/602 1 Credit each Full year course

Open to Grades 9-12
This one-year course introduces students to the Elements of Art and Principles of Design while developing drawing skills and painting techniques. Studio experiences in the classroom will give students opportunities to experience a variety of media (pencil, ink, charcoal, pastel, watercolor, tempera, acrylic, clay and sculpture) while developing student's individual style and creative problem-solving skills. 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.

Art III and Art IV 603/604 1 Credit each Full year course

Prerequisite: Art I and Art II
An advanced level course of drawing and painting with an emphasis on developing a greater depth of understanding of art and application of the Elements of Art and Principles of Design to their work in a variety of media. Students will work with drawing, painting, illustration, printmaking, clay and sculpture projects. Each student will demonstrate progress over time by developing a body of work and organizing a portfolio. This course may be repeated.

Jazz Band 650 1 Credit Full Year Course

Open to any student in grades 9-12. The Jazz Band is a performance-based class that focuses on a variety of popular music styles such as jazz, blues, fusion, funk, rock, and ore. You do not need to be a member of Band to participate in the Jazz Band. Playing experience is not required but encouraged. Open to any instruments including and not limited to Piano, Guitar, Bass, Drumset, traditional Band instruments (trumpets, trombones, saxophones, etc.) This group will perform at the Band concerts along with additional community and school performances throughout the school year.

Instrumental Music 651 1 Credit Full year course
The Instrumental Music program's main focus is the Concert Band. Included within this course are the Marching Band and Pep Band performances as well. The Band performs regularly throughout most of the year. Attendance at performances is required. Performance opportunities include concerts, basketball games, parades, festivals, and more.

Chorus 652 1 Credit Full year course

The high school choir class is designed for students to apply musical skills as they continue to create and experience music as a musical ensemble. Students will continue developing mastery of solfege, major and minor scales, four-part harmonies, and performing in several different languages. Students will convey musical interpretation with the use of dynamics and phrasing, while incorporating facial expression and movement for refined presentation. Students will understand how a musical composition is structured through listening and analysis. Students will be able to aurally and visually identify repetition in musical scores. Students will continue to develop an understanding and

appreciation of the differences in music from other cultures and the connections music brings to people, places and time. The topics in this class will provide a strong basis for the continuation of their music skills as the high school age child continues on their path to becoming a life-long participant of music.

Students who wish to enroll in this course will perform a variety of concerts, OMEA competitions, out of school activities, etc.

Music Technology I 654 1 Credit Full year course

This course will introduce students to a variety of topics of technology in relation to music. Students will learn about the basics of sound in audio, basic audio equipment, and learn the basics of multiple digital audio software's. Students will also get experience with the basics for setting up for live sound events as well. This course is open to all students' grades 9-12.

Music Technology II/III/IV 655/656/657 1 Credit Full year course

Prerequisite: Music Technology I
This course is a continuation of information in Music Technology I. Students will experiment with advanced mixing and mastering techniques. Students will develop their live recording abilities and creation of electronic music. Students will get live sound experience by assisting with sound reinforcement at different school events such as plays, musicals, concerts, and more. Open to students' grade 10-12 who meet the prerequisite.

Introduction to Guitar I/II 669 1 credit Full year course

In this course, introductory guitar students will learn the basics of playing the guitar, including how to hold it, tune it, and play chords. Students also learn how to read music and develop their finger dexterity. Topics covered will be posture, tuning, strumming, chords, finger exercise, reading music, songs and fretwork. Some goals for the course are to develop finger dexterity and hand coordination, learn to play basic chords and strumming patterns, simple songs, how to build songs from simple forms, and how to make your own music.

Show Choir

After school/Extra-curricular activity
Show Choir is an auditioned group of student singers, grades 6-12, that focuses on vocal skills and technique, specifically in the styles of classic and contemporary popular music, musical theater, vocal jazz, and commercial music. Show Choir also features dance as a portion of its performance repertoire, and strength in showmanship is preferred! The group has a variety of performance opportunities throughout the school year, including but not limited to the Show Choir Invitational, Trills and Thrills, and school choral concerts throughout the year. Involvement in Show Choir offers a unique opportunity to develop as a vocalist while singing and dancing as a member of an ensemble. Auditions are held at the beginning of the year. Please contact Miss Ashley Leasure if you are interested in auditioning for the show choir. Rehearsals/Concerts outside of the school day are REQUIRED for this group.

JCHS Electives

Family and Consumer Science Courses:

Wellness (CCP option) – Health graduation requirement
College and Career Readiness – Grad Seal Available Personal Finance (CTAG option)
Culinary (CCP Option)
Child Development – offered in 2026/27
Baking Pro – offered in 2026/27
Interior Design (Art Credit) – offered in 2027/28

Technology:

Technology Applications I
Technology Applications II

CCP Computer Applications- Can be taken any time

Agriculture Education Courses:

Ag Food and Natural Resources
Animal Science
Mechanical Principles
Ag Business – offered in 2027/28
Greenhouse – offered in 2026/27
Agriculture Capstone – work option is available

Physical Education: (1/2 credit graduation requirement) PE Waiver available for students who participate in 2 athletic seasons PE I – ¼ credit
PE II – ¼ credit

Work Study:

Work Study – 120 hours = 1 credit
Work Study – 240 hours = 2 credits

Family and Consumer Sciences----------

Family and Consumer Science courses help students develop skills for life. The courses feature a hands-on approach to learning life skills in a fun and lively manner. Students enrolled in Family and Consumer Science courses also have the opportunity to participate in FCCLA (Family, Career and Community Leaders of America) which focuses on community service both in and beyond the classroom. The Family and Consumer Science program is a satellite of the Upper Valley Career Center.

Child Development 819 ½ Credit Semester course

CCP: 1 High School credit
Offered to grades 9-12 (**offered in 2026-2027)**
In this course, students will study the principles of child growth, development and behavior. An emphasis will be placed on the cognitive development of a child and sensory and motor skills. Additional topics will include childhood diseases, immunizations, and theories of development, learning styles and evaluating childcare services. Placed opposite Global Foods in the schedule.

Personal Financial Management 820 ½ Credit Semester course CTAG – 3 semester hours Offered every year
Offered to grade 10 - 12 and will serve as the required finance credit for graduation. In this course, students will develop personal financial plans for individual personal well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. Additional topics will include analyzing services from financial institutions, consumer protection, investing and risk management.
CTAG – Pass Webexam for automatic college credit. Placed opposite of Career and College Readiness in the schedule.

Personal Wellness (Health) 822 1 High School Credit Full year course

CCP: 2 College Credits (Rhodes)
Offered to grades 9-12, every year
This course will serve as the required Health credit.
In this course, students will analyze personal physical, emotional, social and intellectual growth for a healthy lifestyle. An emphasis will be placed on lifespan wellness by managing stress through relaxation, physical activity and sleep. Additional topics will include human growth development, mental health management, personal hygiene and preparing for emergency medical situations.
DE822 – (DTN 1220) 2 college credits are available through Rhodes State College.

Global Foods 823 ½ Credit Semester course

Offered to grades 9-12 (**offered in 2026-2027)**
In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. Placed opposite Child Development in the schedule.

Culinary Fundamentals 824 1 High School Credit Full year course

CCP: 3 Credits (Rhodes)

Offered to grades 9-12

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques.

Career and College Readiness 825 ½ Credit Semester course

Offered to grade 10 – 12
In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout the course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in internships. Additional topics will include principles and techniques of professionalism, networking, conflict-resolution, negotiation, leadership and entrepreneurship. Placed opposite of Personal Financial Management in the schedule. Graduation seal is available by completing the Ohio Means Jobs Readiness information in class.

Leadership and Community Engagement 826 1 High School Credit Full year course

Offered to grades 9-12
Independent Study – Permission required. FCCLA membership required In this course, students will learn how to become an active community member and citizen. An emphasis will be placed in service learning, leadership training and teambuilding opportunities. Additional topics will include public policy issues, community and global engagement. Must have pre approval by Mrs. Kipker.

Interior Design, Furnishings and Management 827 1 High School Credit Full year course

Can earn an Art credit for HS

Offered to grades 9 – 12 (**offered in 2027-2028**)
In this Family and Consumer Sciences career field course, students will examine design principles used in residential interiors. An emphasis will be placed on incorporating anthropometrics, ergonomics and Family and Consumer Sciences psychological responses. Additional topics will include the selection and organization of furnishings, floors and wall coverings in living spaces, kitchens and baths. Course can also fulfill an arts credit.

TECHNOLOGY—----------

Technology Applications I & II 701/702 ½ Credit Each Semester course

Technology Application I and II introduces students to essential digital tools and applications, focusing on Google and Microsoft software, along with online resources. Through hands-on projects, students will learn to apply these technologies to solve real-life problems and meet everyday needs. The course emphasizes practical skills in document creation, data management, communication tools, and web research, preparing students for success in both academic and professional settings. By the end of the course, students will be proficient in using technology to enhance productivity, collaboration, and problem-solving in a variety of real-world contexts.

Jackson Center Agricultural Education
AGRICULTURE AND ENVIRONMENTAL SYSTEMS----------

Agricultural Education courses make a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success. Agricultural education instruction is delivered through three major components: 1) classroom/laboratory instruction (contextual learning) 2) supervised agricultural experience programs (work-based learning) and 3) student leadership organizations (National FFA Organization). The Agriculture and Environmental Systems program is a satellite of the Upper Valley Career Center.

Agriculture, Food and Natural Resources 320 1 Credit Full year course

½ Science Credit ½ Elective credit - Also offered to 8th gr. for high school credit 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. **Course intended for:** 1st year Ag Students and 8th& 9th graders
Projected Course Fees: $20 Class supplies and $25 FFA membership = $45

Animal and Plant Science 322 1 Credit Full year course
½ Science Credit ½ Elective credit
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.
Course intended for: 2nd year Ag Students who have taken Agriculture, Food and Natural Resources
Projected Course Fees: $20 Class supplies and $25 FFA membership = $45

Mechanical Principles 323 1 Credit Full year course
½ Science Credit ½ Elective credit
Students will engage in the mechanical principles utilized in animal and plant production systems. They

will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identify, diagnose, and maintain small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.
Course intended for: 3rd& 4th year Ag Students- Juniors and Seniors. Must have completed Agriculture Food and Natural Resources and Animal & Plant Science.
Projected Course Fees: $30 Class supplies and $25 FFA membership = $55

Greenhouse and Nursery Management Course 326 1 Credit Full year course ½ Science Credit ½ Elective credit CTAG – 3 semester hours **(Course offering: 2026-2027)**
Students will learn the operational practices needed for the successful growth of nursery stock and/or greenhouse plants. They will learn essential greenhouse practices including water and fertilizer distribution, lighting, ventilation and temperature control. Students will learn pest and disease identification and control along with bio-security practices. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Throughout this course, business and employability skills will be emphasized.
Course intended for: 3rd – 5th year Ag Students. Must have completed Agriculture Food and Natural Resources and Animal & Plant Science.
Projected Course Fees: $20 Class supplies and $25 FFA membership = $45

Business Management of Agricultural and Env. Systems 325 1 Credit Full year course
½ Science Credit ½ Elective credit CTAG – 3 semester hours **(Course offering: 2027-202)**
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.
Course intended for: 3rd& 4th year Ag Students- Juniors and Seniors. Must have completed Agriculture Food and Natural Resources and Animal & Plant Science.
Projected Course Fees: $20 Class supplies and $25 FFA membership = $45
Agricultural and Environmental Systems Capstone 327 1 Credit Full year course
1/2 Science Credit 1/2 Elective credit

Ag Capstone Experience 328 2 Credits Full year course – 3 periods of early work release
1 Science Credit 1 Elective Credit
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. **Course intended for:** Must have completed Agriculture, Food and Natural Resources and Animal & Plant Science. Students must complete 3 of the 4 above listed courses prior to taking Capstone. Instructor approval needed.

Projected Course Fees: $20 Class supplies and $25 FFA membership = $45

12-point Industry Credential through Ohio Agribusiness Association for students receiving high school credit and passing WebXam in three of the following courses: AFNR, Animal/Plant, Mechanical Principles, or Greenhouse/Nursery Management, along with 500 documented hours in AET related to an ag career field. Student must complete Ag Business as a fourth course.

PHYSICAL EDUCATION ----------

Physical Education I 509 ¼ Credit 1 Semester course

The purpose of this class is to teach and encourage physical fitness and health. Both individual and group activities will be a part of this course. Students will work to improve conditioning, coordination, skill-level, and sportsmanship.

Physical Education II 510 ¼ Credit 1 Semester course

Prerequisite – PE I

The purpose of this class is to provide the opportunity to improve health and fitness through many individual and team activities. Areas, which will be included, are body mechanics, conditioning, and many different recreational games. Emphasis will be placed on leadership, fair play, cooperation, and social development.

Work Study ----------

Work Study 830 1 or 2 Credits Full year course

Juniors and seniors are able to have early release from school to go to their place of employment. A minimum of 5 credits must be taken. You must have a work permit and work a minimum of 15 hours per week. 120 hours of work will equal 1 high school credit. 240 hours of work will equal 2 high school credits.