2023-2024 JACKSON HIGH SCHOOL PROGRAMS OF STUDY





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Jackson High School Web Site
http://jackson.stark.k12.oh.us
Click on the Quick Link JHS Programs of Study

TERMS DEFINITIONS

Required	Certain courses are necessary for graduation. Please refer to REQUIREMENTS FOR GRADUATION on page one.
Elective	Any credit that is not required for graduation is called an elective.
Semester Course	The course is offered for two grading quarters.
Prerequisites	These are conditions which must be successfully completed before a student can take a particular course.
Non Academic Courses	Physical Education courses (including Strength & Conditioning) and Yearbook.

Revised 3/16/2023

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Cover design by Cole Bever

The Jackson Local School District affirms that no persons shall, on the basis of sex, race, color, national origin, or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any educational program or activity conducted under its auspices.

PLANNING AND POLICIES

REQUIREMENTS FOR GRADUATION - Class of 2019 and beyond

REQUIRED COURSES	CREDITS
English	**4.0**
Social Studies Must include World History, American History, and American Government	**3.0**
Math Must include one unit of Algebra 2 or equivalent	**4.0**
Science Must include 1 unit of physical sciences, 1 unit of life sciences and 1 unit advanced study in one or more of the following sciences: chemistry, physics, or other physical science; advanced biology or other life science; astronomy, physical geology; or other earth or space science.	**3.0**
Health	**0.5**
Physical Education Students must take 2 semesters, each worth 0.25 credits. Students earning PE waivers would be exempt from earning the PE credit. Students may not mix one waiver and .25 credit to meet the PE Requirement.	**0.5**
Personal Finance Class of '23, '24, '25 students who complete a Junior year Career and Technical program are exempt from this course requirement. Class of '26 and beyond are required by law to take at least one semester course in Financial Literacy.	**0.5**
Electives Must include one or any combination of world language, business, career-technical education, family and consumer sciences, technology, agricultural education or English language arts, mathematics, science or social studies courses not otherwise required.	**4.5**
Fine Arts Must include one credit of a performing art, visual art or Debate. Students may have met this graduation requirement at JMMS through Choir, Art, Band and/or General Music. Students following a career-technical pathway are exempt from the fine arts requirement. Please see your counselor for further information.	**1.0**
TOTAL	**21.0**

- All students must earn a minimum of 21.0 credits to graduate from Jackson Local Schools that includes meeting the competency and readiness requirements set by the State of Ohio.

Pathways to Graduation



Class of 2023 and Beyond

IT'S YOUR FUTURE, GET READY!

Ohio's new high school graduation requirements give you more flexibilty to choose a graduation pathway that builds on your strengths and passions - one that ensures you are ready for your next steps and excited about the future.

JACKSON LOCAL SCHOOL DISTRICT

Pathways to Graduation

First - Cover the Basics

(21 Credits)

- 4 Credits of English Language Arts
- 4 Credits of Mathematics
- 3 Credits of Science
- 3 Credits of Social Studies
- 1 Credit of Fine Art
- 0.5 Credit of Health
- 0.5 Credit of Physical Education
- 0.5 Credit of Personal Finance
- 4.5 Credits of Electives



Third - Show Readiness

- **Earn two diploma seals**
  - Listed on the next page, ***one of which must be state defined***
- These seals give you the chance to demonstrate academic, technical, and professional skills and knowledge that align to your passions, interests, and planned next steps after high school



Second - Show Competency

***through one of the following**

- **Earn a competency score**
  - Earn a proficient score on Ohio's high school Algebra 1 and English 2 tests
- **Industry Credential**
  - Demonstrate two career-focused pathways
  - ***At least one of the two must be foundational***

  Foundational
  - Proficient scores on Webxam
  - A 12-point industry credential
  - A pre-apprenticeship into an approved program

  Supporting
  - Work based learning
  - Earn the required score on Work Keys
  - Earn the Ohio Means Jobs readiness seal

  College Credit Plus
  - Earn credit for one college level math and/or English course through Ohio's free College Credit Plus Program
- **Military Readiness**
  - Show evidence that you have signed a contract to enter a branch of the U.S. armed forces upon graduation

JACKSON LOCAL SCHOOL DISTRICT

Pathways to Graduation



Local Designated Seal

- Students must have completed 20 hours of community service
- Hours must be documented in the JHS Community Service Form



Local Designated Seal

- Student must receive full participation in at least three approved high school sports seasons/ or extracurricular activities



Local Designated Seal

- Student must successfully complete twov fine art credits during grades 9-12 with final grade of a C or better



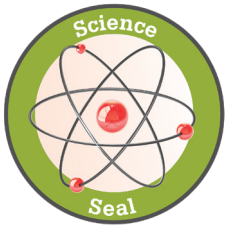
State Designated Seal

- Earn an industry-recognized credential and a Work Keys score of 14
- The process of earning an industry-recognized credential allows students to experience education through work.



State Designated Seal

- Student must show evidence of enlistment in a branch of armed services, or participate in a JROTC program



State Designated Seal

- Students must earn one of the following:
  - Earn a proficient score on Ohio's State Test in Biology
  - Earn a score equivalent to proficient on an appropriate Advanced Placement or International Baccalaureate science test.
  - Earn a "B" or higher in a College Credit Plus science course.



State Designated Seal

- Students must obtain one of the following:
  - Academic Honors Diploma
  - Career Tech Honors Diploma
  - International Baccalaureate Honors Diploma
  - STEM Honors Diploma
  - Arts Honor Diploma
  - Civics and Social Sciences Honor Diploma



State Designated Seal

- Students looking to receive the College Ready Seal must receive scores of:
- ACT: English 18, Reading 22, Math 22
- SAT: English/LA 480, Math 530



State Designated Seal

- Student must receive one of the following:
  - Score proficient on Ohio's State Tests in American History and Government
  - Score Proficient on an Advanced Placement Test or International Baccalaureate Test
  - Earn a "B" or higher in appropriate College Credit Plus courses



State Designated Seal

- A Seal of Biliteracy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other language.



State Designated Seal

- Students must satisfy EACH of the following:
  - Demonstrate proficiency in 15 professional skills
  - Work with a mentor to validate each skill across a minimum of two of the three environments (school,work,community)



State Designated Seal

- Student must earn one of the following:
  - Earn a proficient score on the Advanced Placement Earn a final course grade of a "B" or higher in a College Credit Plus course.
  - Complete a course offered through the district that meets guidelines developed by the department.

JHS BOARD APPROVED HIGH SCHOOL SPORT SEASONS AND/OR EXTRACURRICULAR ACTIVITIES

SPORTS

BASEBALL
BASKETBALL
BOWLING
CHEERLEADING
CROSS COUNTRY
FOOTBALL
GOLF
GYMNASTICS
LACROSSE
SOCCER
SOFTBALL
SWIMMING & DIVING
TENNIS
TRACK & FIELD
VOLLEYBALL
WRESTLING

EXTRACURRICULAR ACTIVITIES

ACADEMIC CHALLENGE
ART CLUB
BAND
CAST OR CREW OF A PLAY
CHEMISTRY CLUB
CHINESE CLUB
CHOIR
COMMUNITY MATTERS
COMMUNITY SERVICE CLUB
COMPUTER CLUB
DRAMA CLUB
EDGE
E-SPORTS CLUB
F.A.C.E.S
F.C.C.L.A
F.F.A
FILM CLUB
FRENCH CLUB
FUSE CLUB
GAMING CLUB
HIGH SCHOOL MENTOR
INDUSTRIAL TECH CLUB
INTERACT
JACKS-N-JILLS
JAZZ BAND
JUNIOR ACHIEVEMENT
KEY CLUB
LGBTQ+ CLUB
MARINE BIO
MATH CLUB
MEDICAL CLUB
MOCK TRIAL
MODEL UNITED NATIONS
NATIONAL ART HONORS
NATIONAL HONOR SOCIETY
OUTDOOR CLUB
PEOPLE FOR A GREENER PLANET
PEP BAND
POLAR BEAR BACKERS
ROBOTICS CLUB
SCIENCE CLUB
SKI CLUB
SKILLS USA CLUB
SPANISH CLUB
SPANISH HONOR SOCIETY
SPEECH & DEBATE
STUDENT COUNCIL
TRI-M HONOR SOCIETY
VARSITY J CLUB
YEARBOOK

SCHEDULE CHANGE POLICY

Registration for courses is a very important part of a student's educational experience. Constant care and consideration must be given to selecting the schedule that will best prepare the student for post-high school plans, whether to enter college, seek employment, or pursue other opportunities.

Course selections should be firm. The student should consult with parents, teachers, and counselors before making final course decisions. The student and parents are encouraged to plan a realistic schedule so that changes will not be necessary.

Considerations should be:

- specific courses and number of credits for graduation
- prior success and failures
- special interests and aptitudes
- future college and career plans

The courses selected determine:

- how many sections are needed of that particular class
- the total overall master schedule
- staffing (the number of teachers needed)
- the number of textbooks needed

Schedule changes may be made only when absolutely necessary. During the scheduling process, February through June, ample opportunities are provided for students to take an active part in the selection of their courses. The master schedule is built by the course selections made by students for the following school year; therefore, it is critical that students and parents make the best and most accurate choices during the registration process.

Schedule Change Policy:
Once school has begun in August, students must follow their schedule the first day of school prior to submitting a request to change their schedule. After the first day of school, a schedule change will only be considered for **five (5) days** unless the request is a response to a technical error or a student being academically misplaced.

Any student dropping a course after the first five (5) days of school or the first five (5) days of 2nd semester courses will receive a **failing grade** in that class for the year/semester and **no credit** for the course will be given.

No student will be permitted to add a course to his or her schedule after the first five days of each semester.

Possible Schedule Changes

1. If a student has no study halls in either the first or second semester due to computer placement of classes, a request to move a course from one semester to another would be considered if:
   a) the course is offered in another semester.
   b) there are seats available in the new section.
2. Any student who is tested during the year by the school psychologist and is recommended for a special program (Special Education) will have his or her schedule changed immediately to fit the prescribed needs of the student.

No Schedule Changes

1. Moving lunch period will not be granted unless there are extenuating circumstances.
2. **No teacher changes** will be considered unless the student is repeating a class they have failed with the same teacher during a previous school year.

COURSE RECOMMENDED

Students will be seeking recommendations for selected courses from their present teachers or from the last teacher who taught the student in the subject area.

Recommendations must be obtained in these areas:

- Fine Art - all classes beyond Visual Art I (choir & band may require an audition)
- World Language - all levels
- Mathematics - all levels
- Science - all levels beyond Biology
- English - Accelerated and Advanced Placement
- Social Studies - all Advanced Placement
- Career Education - by application only
- JAGS and JSA - by application only

Parents are encouraged to thoroughly examine Home Access Center (HAC) to see if their child has been recommended for course selections.

Students may take courses that have not been recommended; however, please be aware that *not recommended* means the present subject matter teacher feels the student does not have a strong foundation for the selected course at this time. The student and his/her parent or guardian will be required to sign a Parent Override Form.

COURSE FEES

A current list of course fees is available on the district web page and linked here.

CORE CURRICULUM RECOMMENDATIONS FOR THE STATE ASSISTED UNIVERSITIES IN OHIO

Students who are planning to attend any one of Ohio's public, four-year universities/colleges should elect the following curriculum to gain admission *without conditions*:

- 4 credits of English
- 4 credits of math (it is also highly recommended that math be taken during the senior year)
- 3 credits of social studies
- 3 credits of lab science (Chemistry and Physics are highly recommended)
- 2 credits of the same world language (many universities/colleges recommend three years)
- 1 credit of a visual or performing art

Private and out of state universities and colleges may require more extensive preparation in specific subject areas. Students are strongly encouraged to check the latest policies regarding course requirements with each university they are considering.

COMMON DEFINITION OF THE ARTS

Appropriate fine arts experiences for high school students preparing for college should include essential content in the following:

- creating or performing works of art
- understanding the history of the art, and/or
- responding to the aesthetic features of works of art

All institutions with an arts requirement will accept the following courses:

- ***Visual Arts*** including: drawing and painting, printmaking, sculpture and other three-dimensional media, photography, cinema, history, and appreciation.
- ***Music*** including: vocal, instrumental, theory, composition, history, and appreciation.
- ***Theatre and Drama*** including: performance, production, history, and appreciation.
- ***Dance*** including: performance, history, and appreciation.
- ***Multi-Disciplinary Arts*** including: courses with two or more arts areas, aesthetic education, humanities, and arts appreciation.

Note: Some private schools have different requirements, and students are asked to work closely with their counselor if they are seeking entrance to this type of school.

Ohio Board of Regents

EARLY GRADUATION

If a student wishes to pursue *Early Graduation*, he/she must submit a letter of intent to graduate early before the end of the student's sophomore year. A mandatory meeting between the student and his/her counselor must take place in order to discuss further details regarding early graduation.

Early Graduation Guidelines:

- Students must declare intent for *Early Graduation* prior to the completion of their **sophomore** year.
- Students must possess a 3.0 cumulative GPA or better at the end of their sophomore year.
- Students must have their credits reviewed and verified by their school counselor.
- Students must attach a letter addressed to the principal explaining the purpose for pursuing *Early Graduation*.
- Students must schedule a student-parent conference with their school counselor to review the reasons for their early graduation request and their future plans.
- Students must be committed to taking one credit in summer school at the end of their sophomore year to fulfill English requirements.

STUDENT COURSE LOAD

Students are encouraged to balance their academic courses along with study halls to ensure their academic success.

This decision will depend on factors such as grade point average, type of subjects, and extracurricular activities. The student must carry at least five (5) academic subjects each semester.
This chart will help students assess their schedule for next year (this does not include all options):

- 7 classes – both semesters - no study halls
- 6 classes – both semesters - one study hall all year
- 7 classes – one semester; 6 classes – second semester – no study hall first semester; one study hall second semester
- 5 classes – both semesters - two study halls all year

The Ohio High School Athletic Association requires that all athletes be passing five (5) academic classes each nine weeks to maintain eligibility. JLSD Board Policy includes that a student must have maintained a 1.0 grade point average as well.

***Physical Education classes and Yearbook are not counted as academic subjects*.**

ADVANCED PLACEMENT COURSES

An advanced placement course covers material equivalent to a first-year, college-level course. Tests offered by the College Entrance Examination Board are given in each subject in May. Results determine the amount of credit that colleges will grant students. **(Students cannot take an AP course at another school if it is offered at Jackson).**

Students who seek a weighted grade will be required to take the AP exam costing *approximately $95 and $142 for AP Seminar and AP Research (subject to change based on College Board policies)*. The weighted grade and exam fee is applicable to all AP courses listed throughout this program.

Jackson High School:

AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Chinese
AP Computer Science A
AP Economics (Micro & Macro)
AP English Language Composition
AP English Literature & Composition
AP Environmental Science
AP French Language
AP Physics 1
AP Physics C Mechanics
AP Precalculus
AP Psychology
AP Research
AP Seminar
AP Spanish Language
AP Spanish Literature
AP Statistics
AP Studio Art I: 2D-Design
AP Studio Art I: Drawing
AP Studio Art I: 3D-Design
AP United States History
AP United States Government & Politics

AP Capstone Program

The College Board's AP Capstone is an innovative college-level program based on two new courses, AP Seminar and AP Research, which complement and enhance discipline-specific AP courses. The program immerses high school students in the challenging practice of the critical skills students need today. The ability to think independently, write effectively, research, collaborate, and learn across disciplines is essential for success in college and beyond. AP Capstone was developed in response to feedback from higher education and is easily implemented, affordable, and flexible. It has the potential to differentiate and transform high schools

and their students by elevating the learning environment through a rigorous, college-level program with high standards of assessment.

AP Capstone Diploma
Students who earn scores of 3 or higher in AP Seminar and AP Research and on **four** additional AP Exams of their choosing will receive the AP Capstone Diploma. This option allows students taking multiple AP courses to distinguish themselves to colleges and universities. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP exams will receive the AP Seminar and Research Certificate.

AP Seminar
AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students are required to take the AP exam in May. AP Seminar exams cost approximately $142 each which is more than other AP exams.

What Students Will Do:
Exploring different points of view and making connections across disciplines are fundamental components of the AP Seminar experience. Students will consider one topic or issue through a variety of lenses and from multiple perspectives, many of which are divergent or competing. Analyzing topics through multiple lenses aids in interdisciplinary understanding and helps students gain a rich appreciation for the complexity of important issues.

Teachers have the flexibility to choose one or more appropriate themes that allow for deep interdisciplinary exploration. Teachers should encourage students to explore a topic through several of the following lenses:

- Artistic and philosophical
- Cultural and social
- Economic
- Environmental
- Ethical
- Futuristic
- Political and historical
- Scientific

How Students Are Assessed
Students are assessed with two through-course performance assessment tasks and one end-of-course exam. All three assessments are summative and will be used to calculate a final AP score (using the 1–5 scale) for AP Seminar.

- Team Project and Presentation — 25% of AP Seminar Score
    - Individual Research and Reflection
    - Written Team Report
    - Team Multimedia Presentation and Defense
- Individual Research-Based Essay and Presentation — 35% of AP Seminar Score
    - Individual Multimedia Presentation
    - Oral Defense
- End-of-Course Exam (3 hours) – 40% of AP Seminar Score
    - Understanding and analyzing an argument (three short-answer questions)
    - Evaluating and comparing the effectiveness of arguments (essay)
    - Synthesizing information to develop an evidence-based argument (essay)

AP Research

In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic paper. Although the topic of each research study will vary, the course requires students to plan and conduct a study or investigation. The course provides opportunities (activities/assignments) for students to:

- understand principles of discipline-specific research methods (e.g., qualitative, quantitative, mixed).
- employ appropriate disciplinary research methods to develop, manage, and conduct an in-depth study or investigation in an area of student's own interest, culminating in a 4000-5000 word paper (accompanied by an additional piece of scholarly work – where applicable – to be performed or exhibited).
- present (using appropriate media) and defend the research design, approach, and findings to a panel.
- document their processes and curate the artifacts of the development of their scholarly work in a portfolio.

Students are assessed on the academic paper and presentation and oral defense of research. The academic paper is approximately 4,000-5,000 words, and the presentation and defense take approximately 15-20 minutes. The Academic Paper is 75% of the score and the Presentation and Oral Defense is the remaining 25% of the score, which constitutes the AP exam grade. The AP Research exams cost approximately $142 each which is more than other AP exams.

Academic Paper:

- Introduces and contextualizes the research question and initial student assumptions and/or hypotheses.
- Reviews previous work in the field to synthesize information and a range of perspectives related to the research question (e.g., Literature Review).
- Identifies the gap in the current field of knowledge to be addressed.
- Explains and provides justification for the chosen method, process, or approach.
- Presents the findings, evidence, results, or product.
- Interprets the significance of the findings, results, or product; explores connections to original research question.
- Discusses the implications and limitations of the research or creative work.
- Reflects on the process and how this project could impact the field.
- Discusses possible next steps and/or future directions.
- Provides a complete list of sources cited and consulted in the appropriate disciplinary style.

Presentation and Oral Defense:

- All students will develop a 15-20 minute presentation (using appropriate media) and deliver it to an oral defense panel. Students may choose any appropriate format for their presentation, as long as the presentation reflects the depth of their research. Prior to the presentation, students whose academic paper was accompanied by an additional piece of scholarly work (e.g., performance, exhibit, product) will arrange for the teacher and panelists to view the scholarly work.
- The defense will include three to four questions from a panel consisting of the AP Research teacher and two additional panel members (chosen at the discretion of the AP Research teacher).

COLLEGE CREDIT PLUS COURSES AT JACKSON HIGH SCHOOL

College Credit Plus (CCP) classes at Jackson High School are courses in which students may earn both high school credit and college credit. CCP classes are taught by Jackson High School teachers who have been approved by a local college or university for adjunct professor status. These classes follow a specified college syllabus which meets both college curriculum goals and high school graduation standards. Students should talk with their school counselor for more information.

Students may qualify by meeting entrance guidelines of the selected university or college which includes:

- filling out the university's or college's online application
- meeting the university's or college's GPA requirement
- taking and meeting the scoring standard set by the university or college on the ACT or Accuplacer (dependent on which standardized test is accepted by the university or college)

There is a deadline to submit CCP applications and test scores. Please reference the Student Services website https://www.jackson.stark.k12.oh.us/Page/760 or the Ohio Department of Education website http://education.ohio.gov/Topics/Ohio-Education-Options/College-Credit-Plus for more information.

Note: If a student receives a failing grade at the end of the college course or if the student withdraws from or drops the college course after the drop deadline set by the university or college, the student/parent is financially obligated to pay for the course and textbook.

COLLEGE CREDIT PLUS AT A COLLEGE CAMPUS*

This program makes available to students the option to earn credit towards high school graduation as well as college credit by attending, on a full-time or part-time basis, any state-assisted college or university issued by the Ohio Board of Regents. The student may choose to receive college credit *only* rather than high school/college credit; however, the student/parent would be responsible for paying for the cost of textbooks, materials, fees, and tuition. Students must complete an application and be accepted by the college. Grades become part of the high school grade point average.

Steps to follow when enrolling in College Credit Plus courses:

1. Students and parents must attend one of the three College Credit Plus informational meetings that are held in November, December, or January to discuss the program and how it might fit with educational and personal goals. The Individual Counseling/ CCP Enrollment electronic Options Intent Form must be signed by April 1.

2. Obtain and complete the necessary CCP institution (college) application. **It is the student's responsibility to apply to the university/college**. The student must meet the CCP institution deadlines.

3. CCP Eligibility Guidelines allow students to be determined eligible for CCP with test scores OR their high school GPA.

    a. Students in grades 7 through 12: (must meet one of the following criteria):
        i. Obtain a remediation free score on one of the standard assessment exams (ACT, SAT, Accuplacer) OR
        ii. Have a cumulative unweighted GPA of at least 3.0 OR
        iii. Have a cumulative unweighted GPA of at least 2.75 but less than 3.0 and received an A or B in a relevant high school course (relevant course will be determined by the college)

b. Students may still require specific scores for course placement; reference this link CCP Courses Offered at Jackson.
c. The table below reflects remediation free scores

Minimum Score for Eligibility for the CCP Program			
	ACT	SAT	Accuplacer Next Gen
English	18	480 Reading/Writing	263 Writing or 5 Writeplacer
Reading	22	480 Reading/Writing	250 Reading
Math	22	530	263 QAS or 263 AAF

4. Parent(s) will sign off on a transcript release requesting the current high school transcript to be sent with the student's application (a transcript is a photocopy of the student's high school grades). Students and parents will also sign off on a mature content permission form in order to participate in CCP. This information is contained within the Intent form.

5. Once a student has been accepted by the university/college and classes have been scheduled, the student must provide their Jackson High School counselor with a copy of the college schedule. It is the student's responsibility to verify they have the required credits. There is a maximum of 30 credit hours paid for by the district each year. The 30 hour maximum includes college and high school credits.

If a student receives a failing grade at the end of the college course or if the student withdraws from or drops the college course after the deadline, the student/parent is financially obligated to pay for the course and the textbook(s). It is the student's responsibility to turn CCP textbooks into the Jackson High School Library/TLC by the last day of CCP exams. CCP Textbooks are the property of Jackson Local Schools. If books are not turned in by this due date, the student will be charged.

*subject to change based on state legislation

COLLEGE CREDIT PLUS PROBATION AND DISMISSAL POLICY

Underperforming Student Rule (OAC 3333-1-65.13)
Effective Summer 2018
(Detailed Policy #2271 as found on district website)

Rule Summary:
An underperforming student is defined as a student who meets at least one of these conditions:
1) Has a cumulative GPA of lower than a 2.0 in the college courses taken through the CCP program.
2) Withdraws from, or receives no credit, for two or more courses in the same term.

CCP Probation:
- A secondary school must place an underperforming student on CCP Probation.
- A student on CCP Probation:
  - May enroll in no more than one college course
  - May not enroll in a college course in the same subject in which the student previously earned a grade of D or F or received no credit
- If the student takes one course and the result is a cumulative college GPA of 2.0 or higher, the student is removed from CCP Probation and may participate in CCP without restrictions.
- If the course grade does not raise the cumulative college GPA to a 2.0 or higher, the secondary school is responsible for dismissing the student from the program.

CCP Dismissal:

- Any student on CCP Dismissal may not take any college courses the following term.
- After one college term on CCP Dismissal, a student may appeal to the high school principal for reinstatement in the program. The secondary school will review the appeal and may take any of the following actions:
    - Maintain the student's status on CCP Dismissal from the program.
    - Allow the student to participate in the program on CCP Probation.
    - Allow the student to take a course in the same subject in which the student previously earned a grade of D or F or received no credit.
    - Allow the student to participate in the program without restrictions.

CCP Probation/Dismissal Appeal Process:

- The student must submit the CCP Appeal Form within five business days after being notified of the CCP Probation or CCP Dismissal.
- The high school principal will issue a decision on the student's appeal within ten business days after the appeal date.
- The decision of the high school principal or district superintendent is final.

Note: The CCP Probation and CCP Dismissal policy (OAC 333-1-65.13) does not alter, supersede, or affect any college policy or procedure on academic probation or dismissal through the college. Students wishing to appeal the college's policy must do so by following the college's procedures.

ATHLETIC ELIGIBILITY FOR COLLEGE CREDIT PLUS

For those students electing the CCP option, their athletic eligibility will continue to be based upon the grading period used by the high school.

It is highly recommended that you obtain a copy of Ohio's College Credit Plus Program from the State Department of Education. In addition, students electing to enroll in CCP must be certain that 1) The faculty members at the CCP institution understand they will need to provide grades or a progress report at the time when the high school's grading period is over, and 2) The student-athlete is taking enough course work at the CCP institution exclusively or between the CCP institution and the high school combined to be equivalent to five one-credit courses. Calculating equivalency of credits in the CCP institution is conducted in the same manner as in the high school, based on the Carnegie unit**. College courses for which three or more semester hours of credit are earned shall be awarded one Carnegie unit. Fractional Carnegie units will be awarded proportionately.**

Example 1: 1st Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must equal 5 units or equivalent)
History	High	1 (year course)	1 x 1 = 1.00
Literature	CCP	3 semester hours	1 x 2 = 2.00
Calculus	CCP	5 semester hours	1 x 2 = 2.00
Biology	CCP	3 semester hours	1 x 2 = 2.00
Total Credits			**7 = eligible for 2nd grading period provided five credits passed**

The factor of 2 is used for CCP institutions that are on the semester system.

Example 2: 4th Nine-Week Grading Period

Subject	School	Credit & Duration	Credit Equivalency (Must equal 5 units or equivalent)
French	CCP	5 semester hours	1 x 2 = 2.00
Sociology	CCP	3 semester hours	1 x 2 = 2.00
Computers	CCP	2 semester hours	.67 x 2 = 1.34
Geology	CCP	3 semester hours	1 x 2 = 2.00
Total Credits			**7.34 = eligible for 1st grading period of next school year provided five credits passed**

The factor of 2 is used for CCP institutions that are on the semester system. Note that this student is taking all courses at the CCP institution, which is acceptable.

This information can be found at www.ohiohighered.org/ccp.

Reprinted from the Ohio High School Athletic Association.
https://www.ohiohighered.org/sites/ohiohighered.org/files/uploads/CCP/OHSAAEligibilityGuidelinesGuidanceCounselors_jun2017.pdf

15- Credit Hour Pathway (General)
Jackson High School

College Course Title	College Course Code	JHS Course Title	JHS Course Code	Credit Hours	Cumulative Credit Hours	College
College and Career Success Skills	IDS115	CCP IDS115 College and Career Success Skills	CCPIDS115	3	3	Stark State
Computer Applications for Professionals	ITD122	CCP ITD122 Computer App for Professionals	CCPITD122	3	6	Stark State
Effective Speaking	COM121	CCP COM121 Effective Speaking	CCPCOM121	3	9	Stark State
College Algebra	MTH125	CCP MTH125 College Algebra	CCPMTH125	4	13	Stark State
College Composition	ENG124	CCP ENG124 College Comp I	CCPENG124	3	16	Stark State
Sociology	SOC121	CCP SOC121 Sociology	CCPSOC121	3	19	Stark State

This chart is an example of how a student ***could*** earn 15 college credit hours through the College Credit Plus Program. It is subject to change. **All the above courses are offered at Jackson High School.**

30- Credit Hour Pathway
Associate of Science (General)/Associate of Arts (General)
Jackson High School

College Course Title	College Course Code	JHS Course Title	JHS Course Code	Credit Hours	Cumulative Credit Hours	College
College and Career Success Skills	IDS115	CCP IDS115 College and Career Success Skills	CCPIDS115	3	3	Stark State
Computer Applications for Professionals	ITD122	CCP ITD122 Computer App for Professionals	CCPITD122	3	6	Stark State
Effective Speaking	COM121	CCP COM121 Effective Speaking	CCPCOM121	3	9	Stark State
College Algebra	MTH125	CCP MTH125 College Algebra	CCPMTH125	4	13	Stark State
Trigonometry	MTH130	CCP MTH130 Trigonometry	CCPMTH130	3	16	Stark State
College Composition	ENG124	CCP ENG124 College Comp I	CCPENG124	3	19	Stark State
Sociology	SOC121	CCP SOC121 Sociology	CCPSOC121	3	22	Stark State
General Psychology	PSY121	CCP PSY121 General Psychology	CCPPSY121	3	25	Stark State
College Composition II	ENG231	CCP ENG231 College Comp II	CCPENG231	3	28	Stark State
U.S. Government & Politics	PSC121	CCP PSC121 U.S. Gov & Politics	CCPPSC121	3	31	Stark State
Diversity in American Society	SOC225	CCP SOC225 Diversity in American Society	CCPSOC225	3	34	Stark State

This chart is an example of how a student ***could*** earn 30 college credit hours through the College Credit Plus Program. It is subject to change. **All the above courses are offered at Jackson High School.**

COLLEGE CREDIT PLUS AT JACKSON HIGH SCHOOL IN PARTNERSHIP WITH STARK STATE COLLEGE

Jackson High School is pleased to be partnering with Stark State College in order to offer a greater number of CCP courses on our campus facilitated by our teachers. As part of this partnership, Jackson High School will also be able to offer students the option of earning an Associate of Arts - General Degree or Associate of Science - General Degree through Stark State College. Stark State's associate of arts and associate of science degrees are the first step to a bachelor's degree, providing a foundation in general education with special emphasis on the baccalaureate degree students may plan to pursue at a public four year university or college. Students should talk with their school counselor for more information.

The next two pages will demonstrate possible pathways that students could follow in order to obtain either of the associates degrees from Stark State College. Students may take any of the CCP courses listed in the associates' pathway, as long as they qualify for CCP, even if they cannot or do not intend to complete a degree pathway.

Below are the Stark State CCP classes offered at Jackson High School for the 2023/2024 school year. Descriptions of these courses are found within this book under the department the course falls. The department is listed in the parentheses next to the course. The courses are one semester courses unless otherwise noted. These courses will only be offered during one semester during the school year unless demand dictates otherwise.

Face to Face Instruction	Online with Teacher Support
• American Literature: 1865 to Present (English) • Analytic Geometry -Calculus I (Mathematics)- Full year course • British Literature: 1785 to Present (English) • College Algebra (Mathematics) • College & Career Success Skills (Miscellaneous) • College Composition (English) • College Composition II (English) • Computer App for Professionals (Technology/Computer Science) • Effective Speaking (Miscellaneous) • General Biology I (Science) • General Biology II (Science) • Interpersonal Communication (Miscellaneous) • Microeconomics (Business) • US Government & Politics (Social Studies) • Science, Energy and Environment (Science) • Statistics (Mathematics) • Trigonometry (Mathematics)	• Diversity in American Society (Social Studies) • Ethics (Miscellaneous) • General Psychology (Social Studies) • Sociology (Social Studies) • US History I to 1877 (Social Studies) • US History II from 1877 (Social Studies) • World Civilization from 17th Century (Social Studies)

Associate of Arts Degree Information Sheet

The associate of arts degree offers an excellent foundation for degrees in communication, education, business, social and behavioral sciences, and the arts. Students gain knowledge and skills applicable to almost any work environment, such as problem solving, critical thinking, and communication. Most students continue their studies in bachelor's degree programs in a specific area and pursue careers in a related field. Those who choose to enter the workforce with an associate degree are prepared for entry-level positions.

A minimum of 60 credits is required for the associate of arts degree. All students must earn the minimum credit subtotal in English composition, social and behavioral sciences, arts and humanities, and sciences and mathematics.

Students must apply for Stark State College graduation at the beginning of their final semester (accessible through their *mystarkstate* portal).

Benefit of Earning an Associate Degree

Have your eye on a competitive university?

- Stark State has more than 30 transfer partnerships with other colleges and universities, including The Ohio State University, Kent State University, and the University of Akron.
- These transfer partnerships allow you to move smoothly – and affordably – from an associate degree to a baccalaureate program.
- Studies show, community college students who transfer to selective four-year schools perform as well as or even better than their peers who came directly from high school. In fact, transfer students from community colleges are the group most likely to graduate.
- The transfer of credits from an Ohio public college or university to another has now been guaranteed with the development of the Transfer Module. For more information about how courses will transfer between institutions, visit https://transfercredit.ohio.gov/.

For questions about Stark State's degree transfer agreements, contact the admissions office at 330-494-6170, ext. 4228 or https://www.starkstate.edu/admissions/transfer/.

Revised November 18, 2022

Possible Pathway for Associate of Arts - General
Offered at Jackson High School
63 Total Credit Hours

Period	Grade 9	
	Fall	**Spring**
1	***IDS115 College and Career Success Skills 3 cr.***	***ITD122 Comp. Apps. For Professionals 3cr. (TAG)***
2	English I	English I
3	Algebra 1 or Accelerated Geometry	Algebra 1 or Accelerated Geometry
4	World History (unless HIS222 is taken in spring)	World History or ***HIS222 World Civilization from 17th Century 3 cr. (TAG) - online***
5	World Language I, II, or III	World Language I, II, or III
6	Phys. Ed.	Health
7	Biology	Biology
8	Lunch	Lunch
	Grade 10	
	Fall	**Spring**
1	English II	English II
2	Accelerated Geometry or Algebra II	Accelerated Geometry or Algebra II
3	***HIS121 U.S. History I to 1877 3 cr. (TAG) online***	***HIS122 U.S. History II from 1877 3cr. (TAG) - online***
4	World Language II, III or IV	World Language II, III or IV
5	Phys. Ed.	***SOC121 Sociology 3 cr. (TAG) - online***
6	Chemistry	Chemistry
7	Art	Art
8	Lunch	Lunch
	Grade 11	
	Fall	**Spring**
1	***ENG124 College Composition 3 cr. (OTM)***	***ENG231 College Composition II 3 cr. (OTM)***
2	***MTH125 College Algebra 4 cr. (OTM)***	***MTH130 Trigonometry 3 cr. or MTH124 Statistics 3 cr. (OTM)***
3	***BIO141 General Biology I 4 cr. (TAG)***	***BIO142 General Biology II 4 cr. (TAG)***
4	World Language III, IV	World Language III, IV
5	Physics	Physics
6	Study Hall	***PSC121 U.S. Government and Politics 3 cr. (TAG)***
7	Study Hall	Study Hall
8	Lunch	Lunch
	Grade 12	
	Fall	**Spring**
1	***ENG234 British Lit: 1785 to Present 3 cr. (TAG)***	***ENG237 American Lit:1865 to Present 3 cr. (TAG) or PHL122 Ethics 3 cr. (TAG) - online***
2	***BUS221 Microeconomics 3 cr. (TAG)***	***MTH124 Statistics 3 cr. (OTM)***
3	***COM 121 Effective Speaking 3 cr. (TAG)***	***COM122 Interpersonal Communication 3 cr. (TAG)***
4	***PSY121 General Psychology 3 cr. (TAG) - online***	***SOC225 Diversity in American Society 3 cr. (OTM) - online***
5	Personal Finance	Study Hall / HS Elective
6	Study Hall / HS Elective	Study Hall / HS Elective
7	Study Hall	
8	Lunch	Lunch

Revised October 28, 2022

Associate of Science Degree Information Sheet

The associate of science degree provides a solid background in mathematics and natural sciences, and leads to career paths in those fields as well as transfer options to bachelor of science programs at four-year colleges and universities.

This degree requires 60 or more credit hours, with minimum credit subtotals in English composition, social and behavioral sciences, arts and humanities, and sciences and mathematics.

Students must apply for Stark State College graduation at the beginning of their final semester (accessible through their *mystarkstate* portal).

Benefit of Earning an Associate Degree

Have your eye on a competitive university?

- Stark State has more than 30 transfer partnerships with other colleges and universities, including The Ohio State University, Kent State University, and the University of Akron.
- These transfer partnerships allow you to move smoothly – and affordably – from an associate degree to a baccalaureate program.
- Studies show, community college students who transfer to selective four-year schools perform as well as or even better than their peers who came directly from high school. In fact, transfer students from community colleges are the group most likely to graduate.
- The transfer of credits from an Ohio public college or university to another has now been guaranteed with the development of the Transfer Module. For more information about how courses will transfer between institutions, visit https://transfercredit.ohio.gov/.

For questions about Stark State's degree transfer agreements, contact the admissions office at 330-494-6170, ext. 4228 or visit https://www.starkstate.edu/admissions/transfer/.

Revised November 18, 2022

Possible Pathway for Associate of Science - General
Offered at Jackson High School
62 - 65 Total Credit Hours

Period	Grade 9	
	Fall	**Spring**
1	***IDS115 College and Career Success Skills 3 cr.***	***ITD122 Comp. Apps. For Professionals 3cr. (TAG)***
2	English I	English I
3	Geometry	Geometry
4	World History (unless HIS222 is taken in spring)	World History or ***HIS222 World Civilization from 17th Century 3 cr. (TAG) - online***
5	World Language I, II, or III	World Language I, II, or III
6	Phys. Ed.	Health
7	Biology	Biology
8	Lunch	Lunch
	Grade 10	
	Fall	**Spring**
1	English II	English II
2	Algebra II	Algebra II
3	***HIS121 U.S. History I to 1877 3 cr. (TAG) - online***	***BIO126 Science, Energy & Environment 4 cr. (OTM)***
4	World Language II, III or IV	World Language II, III or IV
5	Phys. Ed.	***SOC121 Sociology 3 cr. (TAG) - online***
6	Chemistry	Chemistry
7	Art	***HIS122 U.S. History II from 1877 3cr. (TAG) - online***
8	Lunch	Lunch
	Grade 11	
	Fall	**Spring**
1	***ENG124 College Composition 3 cr. (OTM)***	***ENG231 College Composition II 3 cr. (OTM)***
2	***MTH125 College Algebra 4 cr. (OTM)***	***MTH130 Trigonometry 3 cr. (OTM)***
3	***BIO141 General Biology I 4 cr. (TAG)***	***BIO142 General Biology II 4 cr. (TAG)***
4	World Language III, IV	World Language III, IV
5	Physics	Physics
6	Study Hall	***PSC121 U.S. Government and Politics 3 cr. (TAG)***
7	Study Hall	Study Hall
8	Lunch	Lunch
	Grade 12	
	Fall	**Spring**
1	***COM121 Effective Speaking 3 cr. (TAG)***	***ENG237 American Lit:1865 to Present 3 cr. (TAG) or PHL122 Ethics 3 cr. (TAG) - online***
2	***MTH223A Analytic Geometry-Calc I 2 cr. (OTM)***	***MTH223B Analytic Geometry - Calc I 2 cr. (OTM)***
3	***MTH124 Statistics 3 cr. (OTM)***	
4	***PSY121 General Psychology 3 cr. (TAG) - online***	***SOC225 Diversity in American Society 3 cr. (OTM) - online***
5	Personal Finance	Study Hall
6	Study Hall/ HS Elective	Study Hall/ HS Elective
7	Study Hall	Study Hall
8	Lunch	Lunch

Revised October 28, 2022

KENT STATE UNIVERSITY 15 CREDIT HOUR GENERAL PATHWAY

Kent State University Course	Course Prerequisite	College Credits
ENG 11011 College Writing I	Placement	3
Kent CORE Mathematics or Critical Reasoning	See Catalog	3 - 5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science		3
Kent State Conversation Partners		1
		Total Credits: 13 – 15 maximum per semester

KENT STATE UNIVERSITY 30 CREDIT HOUR GENERAL PATHWAY

Kent State University Course	Course Prerequisite	College Credits
Kent CORE English Course	See Catalog	3
Kent CORE Mathematics or Basic Science	See Catalog	3 - 5
Kent CORE Humanities or Fine Arts Course		3
Kent CORE Social Science		3
Kent State Conversation Partners		1
		*Total Credits: 13 – 15 maximum per semester

*Includes 15 Credit Hour Pathway

COLLEGE ENTRANCE TESTING RECOMMENDATIONS

College entrance exams are generally taken during students' junior and senior years in high school. You may take them more than once to improve their results. A huge number of test-prep guides are available online and at libraries and bookstores, as well as from private companies.

The Preliminary Scholastic Assessment Test (PSAT)
PSAT/NMSQT (National Merit Scholarship Qualifying Test) – Grade 10 and/or 11
PSAT 10 – Grade 10
PSAT 8/9 – Grade 9

- PSAT/NMSQT will be administered to all interested sophomores and juniors in the month of October. The PSAT includes questions designed to measure verbal reasoning skills, critical reading skills, math problem-solving skills, and a measure of writing skills. Students will be permitted to use any four-function, scientific, or graphing calculator on the test. Juniors must take this test to be eligible to compete for scholastic recognition and scholarships through the National Merit Scholarship Corporation. This can also be used as practice for the SAT.
- The PSAT 10 and PSAT 8/9 will also be administered to all interested freshmen and sophomores in October. This is practice for the PSAT/NMSQT and the SAT.

Students register for these tests in September and/or January in the Student Services office. A fee of *approximately **$18*** must be paid at the time of registration.

The American College Test (ACT)
The American College Test is a test used for admission and placement by all Ohio colleges and universities. Most colleges and universities outside of Ohio also accept the ACT. The test consists of four sub-tests: English (45 minutes in length); mathematics (60 minutes in length); reading (35 minutes in length); and science reasoning (35 minutes in length). Students are permitted to use calculators on the mathematics test. An interest inventory is completed at the time of registration. Results of the test and interest inventory assist students with their educational and career plan.

It is recommended that juniors start taking the ACT in December, February, or April and seniors take/retake the ACT in September or October. State law requires districts to administer a state-funded ACT or SAT to all grade 11 students in the spring of each school year. Jackson High School is an ACT Test Center.

Strong academic students in Grade 10 may want to take the ACT for practice. The Writing Test is optional. Many universities and colleges are recommending it, you should check with the interested institution to see if they are requiring the writing portion. Register on-line at www.act.org. **Jackson High School is an ACT Test Center**.

The Scholastic Assessment Tests (SAT)
SAT I: reasoning Test and SAT II: Subject Tests
The Scholastic Assessment Tests are used by many colleges for admission. All colleges in Ohio accept this test for admission and placement. Some selective colleges outside of Ohio may **require** the SAT. A student must be sure to check the testing requirement for each school he/she is considering.

Many selective colleges require the SAT I **and** the SAT II: Subject Tests as part of their admission procedure. Students register for Subject Tests using the SAT I registration packet. The Subject Tests are one-hour, multiple-choice tests in writing, literature, world language, history, mathematics, sciences, and English as a second language.

Students may take up to three subject tests at a testing session. *Students who are planning to attend selective colleges may wish to take one or more of the subject tests during or soon after they have completed a related course.*

The SAT is given several times during the year. **It is recommended that juniors take the SAT in March, May, or June.** These tests will assist students in their college planning and in satisfying requirements for special programs such as R.O.T.C. and early admission into college. **Seniors take/retake the SAT in October, November, or December.** Strong academic students in Grade 10 may want to take the SAT I for practice. Register on line at www.collegeboard.org.

CREDIT FLEXIBILITY

Credit flex is an education option that gives students a way to be in charge of their learning. The key to this option is that the student drives the request to learn differently as well as the plan to earn the credit. Credit Flex is an **independent** study of your chosen high school course, and the rigor for completing a course **on your own** should not be taken lightly.

You may earn a grade for the course, which is reflected in the high school GPA and on the high school transcript. A credit flex grade will not be recorded on report cards. For courses that have a State End of Course exam, students are required to take that exam during state designated testing windows.

Some cautions of Credit Flex:

- May require the student to teach themselves with little to no support. This option does not involve JHS instructors or provide for JHS student interaction.
- May not adequately prepare a student for maximizing their score on the ODE end-of-course exam (when applicable), which the student must still take as a graduation requirement.
- May put the student at a disadvantage for performance in subsequent or sequential courses or may not match the academic standards for Jackson High School.
- Please understand that all credit flex proposals must be approved by the team. Teams may make recommendations regarding resources for courses or require mastery of prerequisite skills in order to encourage student success.

Steps:

1. Review and print the application. This can be found on the student services website, under credit flex. The online application is a fillable form; you and your child are encouraged to complete as much of the form as you can prior to your meeting with the school counselor.
2. Set a meeting with the appropriate school counselor

Deadlines for Credit Flex Application:

- **Friday before Spring Break** for students wishing to credit flex a course over the summer or for the next school year.
- **December 1** for students wishing to credit flex a semester course for the second semester.
- Please go to the Student Services website https://www.jackson.stark.k12.oh.us/Page/784 for details and the application.

AWARDS

PRESIDENT'S AWARD FOR EDUCATIONAL EXCELLENCE

The President's Award for Educational Excellence helps schools honor senior students for outstanding academic achievement. Students must fulfill all criteria listed below to qualify for the award. (The award will be given upon graduation.)

- 3.50 grade point average on a 4.0 scale
- One of the following: 28 on ACT Reading, 26 on ACT Math, 630 on SAT Verbal, or 650 on SAT Math

OHIO HIGH SCHOOL HONORS DIPLOMAS

High school students can gain state recognition for exceeding Ohio's graduation requirements through an honors diploma. Students challenge themselves by taking and succeeding at high-level coursework and in real-world experiences.

Ohio students have the opportunity to choose to pursue one of six honors diplomas:

1. Academic Honors Diploma
2. International Baccalaureate Honors Diploma
3. Career Tech Honors Diploma
4. STEM Honors Diploma
5. Arts Honors Diploma*
6. Social Science and Civic Engagement Honors Diploma

*includes dance, drama/theatre, music and visual art.

Your intent to pursue a specified honors diploma is to be submitted to your guidance counselor no later than October 1 of your Senior Year. Final portfolio/field experience is to be completed no later than April 1.

The following two pages will explain the Honors Diplomas currently offered by the Ohio Department of Education. You may also want to view the online information at http://education.ohio.gov/Topics/Ohio-s-Graduation-Requirements/Honors-Diplomas.

Ohio Department of Education

Ohio High School Honors Diploma

Criterion	Ohio Diploma	Academic Honors Diploma	International Baccalaureate Honors Diploma	Career Tech Honors Diploma	STEM Honors Diploma	Arts Honors Diploma (Includes dance, drama/theatre, music, and visual art)	Social Science & Civic Engagement Honors Diploma
Math	4 units, must include one unit of algebra II or equivalent	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	5 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content[4]	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content	4 units, Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
Science	3 units	4 units, including two units of advanced science[2]	4 units, biology, chemistry, and at least one additional advance science[2]	4 units, including two units of advanced science[2]	5 units, including two units of advanced science[2]	3 units, including one unit of advanced science[2]	3 units, including one unit of advanced science[2]
Social Studies	3 units	4 units	4 units	4 units	3 units	3 units	5 units
World Languages	N/A	3 units of one world language, or no less than 2 units of each of two world languages studied	4 units minimum, with at least 2 units in each language studied	2 units of one world language studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	2 Semesters	1 unit	1 unit	N/A	1 unit	4 units	1 unit
Electives	5 units	N/A	N/A	4 units of Career-Technical minimum[3]	2 units with a focus in STEM courses	2 units with a focus in fine arts course work	3 units with a focus in social sciences and/or civics
GPA	N/A	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale	3.5 on a 4.0 scale
ACT/SAT/ WorkKeys[1]	N/A	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]/WorkKeys (6 Reading for Information & 6 Applied Mathematics)[7]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]	27 ACT/1280 SAT[8]
Field Experience	N/A	N/A	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]	Complete a field experience and document the experience in a portfolio specific to the student's area of focus[5]
Portfolio	N/A	N/A	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus that is reviewed and validated by external experts[6]
Additional Assessments	N/A	N/A	N/A	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent	N/A	N/A	N/A

NOTE: Items shaded in blue are changes that were made to the honors diploma system, including the entire STEM, Arts, and Social Science and Civic Engagement Honors Diplomas

1/24/17

Ohio | Department of Education

Ohio High School Honors Diploma

NOTES:

For the Academic, International Baccalaureate, and Career Tech Honors Diplomas, students who entered the ninth grade between July 1, 2013 and June 30, 2017 may choose to pursue the diploma by meeting the requirements of these criteria or the previous criteria. Students entering the ninth grade on or after July 1, 2017 must meet these criteria.

Completion of any advanced standing program, which includes Advanced Placement, International Baccalaureate, College Credit Plus, and may include Credit Flexibility, can be counted toward the unit requirements of an Honors Diploma.

Students must meet all but one of the criteria to qualify for an Honors Diploma, and any one of the criteria may be the one that is not met.

Diploma with Honors requirements pre-suppose the completion of all high school diploma requirements in the Ohio Revised Code including:

unit physical education (unless exempted), unit health, unit in American history, unit in government, and 4 units in English. The class of 2021 and beyond will need to have ½ unit in world history and civilizations as well.

[1] Writing sections of either standardized test should not be included in the calculation of this score. The Locating Information test is not included in the calculation of the WorkKeys score.

[2] Advanced science refers to courses that are inquiry-based with laboratory experiences and align with the 11/12th grade standards (or above) or with an AP science course, or with an entry-level college course (clearly preparing students for a college freshman-level science class, such as anatomy, botany, or astronomy).

[3] Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.

[4] The fifth mathematics and science credit for the STEM honors diploma may be fulfilled with a single course.

[5] Field Experience refers to experiential learning in either an internship or apprenticeship. Students will document their experiences by describing their understanding in a portfolio.

[6] The student portfolio is a collection of experiential learning and competencies based o the student's field experiences. Students will engage with professionals or scholars in the field while developing their own portfolio or ePortfolio of original work that documents their technical, critical and creative skills representative of their honors focus; students' work must be reviewed and evaluated by scholars or professionals within the field/area of study in which the students' work is focused, and the scholars or professionals must be external to the district staff; students will give a presentation to showcase the work and provide an analysis of it to the school and local community. If the student does not complete a field experience, the portfolio can be based on a collection of work related to the student's honors diploma area of focus.

[7] Students must score a minimum of a 6 on the Applied Mathematics WorkKeys Assessment and a minimum of 6 on the Reading for Information WorkKeys Assessment in order to meet the WorkKeys score requirement. The WorkKeys option applies only to the Career Tech Honors Diploma.

[8] These scores are based on the 2016 ACT and SAT assessments. Concordance tables outlining equivalent scores for past and future tests that differ from the 2016 versions will be published on the ODE website. Tables to concord SAT assessments taken prior to March 2016 can be found here Further information on test concordance can be found here.

SEAL OF BILITERACY

A Seal of Biliteracy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other World language. A school or district gives this award by following the state-established guidelines. Further information may be found online at http://education.ohio.gov/Topics/Learning-in-Ohio/Foreign-Language/Ohio-Seal-of-Biliteracy. To determine student eligibility to earn an Ohio Seal of Biliteracy, the answer must be an unqualified "Yes" to all the following questions:

1. Is the student eligible to earn a high school diploma?
    a. Qualifiers:
        i. Is the student currently a senior or a junior in good standing within 15 months of graduating?
        ii. Does the student attend a school that is officially participating in the state's Seal of Biliteracy program or is he or she an eligible home-schooled student?
2. Has the student met one of the English language arts proficiency requirements for earning a Seal of Biliteracy?
    a. Qualifiers:
        i. Earned a proficient level or higher on Ohio's required state tests for high school English language arts I and II; or
        ii. Earned a remediation-free score on the English and reading sections of the ACT or SAT; or
        iii. Earned a proficient level or higher on an Ohio Department of Education-approved alternative assessment (TerraNova or Iowa Test); or
        iv. Earned a score of proficient or higher on the 9-12 Ohio English Language Proficiency Assessment (OELPA).
3. Has the student satisfied one of the foreign language proficiency requirements for earning a Seal of Biliteracy?
    a. Qualifiers:
        i. Passed an Advanced Placement (AP) world language examination with a score of 4 or higher; or
        ii. Passed an International Baccalaureate (IB) world language examination with a score of 5 or higher on the Higher Level exam or a score of 6 or higher on the Standard Level exam; or
        iii. Attained a score of Intermediate High or higher in comprehension, speaking, reading and writing the foreign language based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines found at actfl.org/, using assessments approved by the Ohio Department of Education; or
        iv. Qualified for proficiency-based credits through Ohio's credit flexibility program and attained a score of Intermediate High or higher in comprehension, speaking, reading and writing based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines using assessments approved by the Ohio Department of Education; or
        v. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpersonal signing, presentational signing and demonstrating understanding of American Sign Language on an American Sign Language assessment approved by the Ohio Department of Education; or
        vi. Attained a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpretive reading and presentational writing on a classical language assessment approved by the Ohio Department of Education.

Students enrolled in a level 3, 4, or AP World language course should see their instructor for more details.

NCAA ELIGIBILITY CENTER/COLLEGE DIVISION I or II

In order to practice, compete, and receive scholarships at NCAA institutions, students must be certified by the NCAA Eligibility Center. ***No later than the beginning of their junior year, interested students need to set up a meeting to discuss NCAA eligibility with their school counselor and complete the registration form at*** www.eligibilitycenter.org. Applications should not be sent before the end of a student's **junior year**. At the end of the junior year, an official transcript should be sent to the Eligibility Center. The NCAA Eligibility Center will only evaluate a student's application two times:

1. When the application is initially sent
2. After the student graduates

Sending transcripts more than these two occasions will not help expedite the Eligibility Center process.

Any student interested in NCAA eligibility should be cautious in selecting core courses which have been approved by the NCAA. Credit Flex, digital, or other non-traditional coursework, must be submitted to the Eligibility Center for approval PRIOR to taking the coursework. To see the most up-to-date list of NCAA approved courses, check online at www.eligibilitycenter.org (school code 363-280).

To be certified as a full qualifier at a Division I school, a student must:

1. Graduate from high school
2. Earn a minimum GPA of 2.300 in 16 core courses (listed below)
    1. 4 English
    2. 3 Math (Algebra I and above)
    3. 2 Sciences (natural or physical science, including 1 lab course)
    4. 1 additional of English, Math, or Natural/Physical Science
    5. 2 Social Studies
    6. 4 additional from English, Math, Science, Social Studies, or Foreign Language
    7. Earn a combined SAT or ACT sum score that matches your core course GPA and test score sliding scale

To be certified as a full qualifier at a Division II school, a student must:

1. Graduate from high school
2. Earn a minimum GPA of 2.200 in 16 core courses (listed below)
    1. 3 English
    2. 2 Math (Algebra I and above)
    3. 2 Sciences (natural or physical science, including 1 lab course)
    4. 3 additional of English, Math, Science, Social Studies or Foreign Language
    5. 2 Social Studies
    6. 4 additional from English, Math, or Life/Physical Science
    7. Earn a combined SAT or ACT sum score that matches your core course GPA and test score sliding scale

*Senate Bill 55 allows eighth graders to take Algebra I (or any other high school course) and receive high school credits for graduation purposes. These courses **WILL NOT** count towards NCAA requirements.

CAREER AND TECHNICAL EDUCATION

CAREER & TECHNICAL PROGRAMS

Jackson High School is a comprehensive secondary school providing traditional academic as well as career and technical programming. Career & Technical Education (CTE) is for college and non-college bound students. Most students take a college prep course load while participating in a program. Career & Technical Education is also known as College Tech Prep, since the programs are aligned closely with college programming in the career field area and could lead to students earning college credit upon successful completion of program requirements. Most career and technical programs are two years in nature (junior and senior years). A description of each career and technical program appears within this guide.

Jackson High School also participates in a Career and Technical Compact Program in partnership with Lake, Plain (GlenOak), and North Canton (Hoover) schools. In order to serve the students of all four school districts, these schools may provide access to CTE programs which are not offered at a student's home school. The Stark County Career Compact does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs and activities and provides equal access to the Boy Scouts and other designated youth groups.

A student who wishes to include electives that seem restrictive to participation in a Career Tech block (such as band or choir) should meet with their counselor to develop a schedule that will accommodate the students' interests. Counselors will provide guidance to students, helping them to fulfill their educational and career goals. Students who have failed required courses prior to their junior year must work closely with their counselor to ensure that graduation requirements are met.

PROGRAM APPLICATION AND ACCEPTANCE

Students must complete an application if interested in a Career & Technical program. This common application is available from the program instructors. Students will be notified whether or not they have been accepted into a Jackson High School program by the end of the course registration period. Career and Technical Education programs have a limit regarding the number of students that can be accepted. Students will be considered on the basis of grades, attendance, application, interest, and readiness in the career and technical program choice, as well as other applicable screening and selection criteria. In some areas, assessments of predictable performance may be used to aid in the final selection. Students not admitted to programs may be kept on a waiting list for any vacancies that may occur in a program.

Students applying to programs not offered at Jackson High School that are offered at the Stark County Compact partnership high schools may not be notified by those schools of acceptance until early April. Students should complete a Jackson High School schedule during the registration period that represents a full schedule in case they do not gain acceptance into a Compact program. If accepted, the student's counselor will adjust his/her schedule to remove electives and include the new courses.

OHIO CAREER-TECHNICAL EDUCATION ASSESSMENTS

Secondary career-technical education (CTE) programs in Ohio have required career field pathway end-of-course tests. All tests are administered electronically through a web-based application. All CTE tests are developed and administered by The Ohio State University, CETE through a proprietary system called WebXam©. Students may also be required to take industry specific certification, governmental licensure, and private vendor program exams. All tests are aligned to technical content standards and have been approved by the Ohio Department of Education.

JACKSON HIGH SCHOOL
Career and Technical Education
For more information, see https://www.jackson.stark.k12.oh.us/Page/1911

Jackson Programs	Length of Program	Junior Class Time	Credits	Senior Class Time	Credi
Automotive Technologies	2 year	Transportation Maintenance Engine and Powertrain Braking, Suspension, Steering	1 1 1	Engine Performance Electrical/Electronics	1.5 1.5
Computer Networking and Cyber Security	2 year	Information Technology Computer Hardware Computer Software	1 1 1	Networking Routing and Switching Cybersecurity (Option)	1 1 1
Clinical Health Care Services	2 year	Chemistry Principles of Allied Health Medicine Nutrition and Wellness Medical Terminology	1 1 1 1	Anatomy & Physiology Patient Centered Care Pharmacology	1 1.5 1.5
Construction Technologies	2 year	Core and Sustainable Construction Carpentry and Masonry Technical Skills	1.5 1.5	Structural Systems Structural Coverings and Finishes	1.5 1.5
Culinary Arts/ Restaurant Management	2 year	Hospitality Fundamentals Dining Room Service and Operations	1 2	Restaurant Management Fundamentals of Food Production	1 2
Engineering and Architecture	2 year	Intro to Engineering Design Prin. Of Engineering (Hoover High School)	1 1	Architecture-Structural/Mechanical Architecture- Site and Foundation Plans (Jackson High School)	1 1
Horticulture	2 year	Plant and Horticulture Science Greenhouse and Nursery Management Landscape Systems Management	1 1 1	Landscape Hardscapes Turf Science and Management Agriculture and Environmental Systems Capstone	1 1 1

CAREER & TECHNICAL PROGRAMS

AUTOMOTIVE TECHNOLOGIES

550 GROUND TRANSPORTATION MAINTENANCE (JUNIOR)
551 GROUND TRANSPORTATION ENGINE AND POWERTRAIN (JUNIOR)
552 AUTOMOTIVE BRAKING, SUSPENSION, AND STEERING SYSTEMS (JUNIOR)

555 AUTOMOTIVE ENGINE PERFORMANCE (SENIOR)
556 GROUND TRANSPORTATION ELECTRICAL/ELECTRONICS (SENIOR)

Prerequisite:	Junior - Application required Senior - Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	3 credits Junior year 3 credits Senior year

The Automotive Technology program at Jackson High School will prepare students to be high-tech automotive technicians, move into advanced training within the industry, or lead to an associate degree in the automotive technology field. This program is also Automotive Service Excellence (A.S.E.) certified in engine repair, suspension and steering, brakes, electrical systems, and engine performance.

Junior Year Program (3 periods- 3 credits)

Ground Transportation Maintenance 177000
In the first course, 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, drivetrain, 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.

Ground Transportation Engine and Powertrain 177001
Students will inspect, adjust, and repair internal combustion engines and drivetrain. Topics include physical and mechanical principles of engines, transmissions and transaxles, differentials, and cooling systems. Students will learn precision measurement, inspection, and reconditioning techniques. Students will also identify customer's needs, determine labor rates, and create estimates.

Automotive Braking Systems 177030
Students will perform inspections, troubleshoot malfunctions and service automotive brake systems. Students will identify poor performing hydraulic brake systems and replace malfunctioning components. Additionally, students will disable and enable supplemental restraint systems (SRS) and replace antilock brake systems components.

Senior Year Program (3 periods- 3 credits)

Automotive Engine Performance 177006
Students will research vehicle service histories using model specific service bulletins. Students will test and diagnose for engine performance in fuel, air induction, and exhaust systems using advanced testing procedures. Topics include computerized engine controls including retrieving and recording diagnostic trouble codes using On Board Diagnostics (OBD). Additionally, students will diagnose drivability and emissions problems resulting from malfunctions of interrelated systems.

Ground Transportation Electrical/Electronics 177002
Students will diagnose and repair vehicle electrical systems, including chassis electrical, charging, starting, and lighting systems. Students will learn the fundamentals of direct current (DC) electronics including series, parallel, and series-parallel circuits. Students will use electronic diagnostic tools, read schematics, and utilize printed and electronic repair manuals to troubleshoot electrical circuits, test components, and replace defective modules.

Students are responsible for membership dues of approximately $40 for SkillsUSA. Safety aspects of each trade area will be emphasized. Students enrolled in the junior program will complete training and testing required to obtain an OSHA 10 Safety card and will need this to continue to the senior year of the program. College credit may be available upon successful completion of program/testing requirements.

COMPUTER NETWORKING AND CYBER SECURITY

580 INFORMATION TECHNOLOGY (JUNIOR)
581 COMPUTER HARDWARE (JUNIOR)
582 COMPUTER SOFTWARE (JUNIOR)

583 NETWORKING (SENIOR)
584 ROUTING AND SWITCHING (SENIOR)
585 NETWORK SECURITY/CYBERSECURITY (SENIOR OPTION)

Prerequisite:	Junior - Application required Senior – Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	3 credits Junior year 2-3 credits Senior year

CCNA® Routing and Switching is designed for students with advanced problem solving and analytical skills, such as students pursuing degrees in engineering, information technology, math, or science. Students are expected to know binary math and understand the concept of algorithms.

The Cisco® curriculum provides an integrated and comprehensive coverage of networking topics, from fundamentals to advanced applications, while providing opportunities for hands-on experience and soft-skills development through simulation-based learning activities and online assessments. The curriculum emphasizes critical thinking, problem solving, collaboration, and the practical application of skills in a real world environment. The Cisco Networking Academy® helps prepare students for entry-level career opportunities, continuing education, and the globally-recognized CompTia A+, Cisco CCNA®, CCNA Cybersecurity Operations, and CCNA Security certification. In addition, the courses help provide learning pathways from secondary to post-secondary institutions.

Industry Recognized Certification- As a CompTIA Authorized Quality Curriculum learning institution, PC Hardware and Software will help prepare students for the CompTIA A+ Essentials and job-skills certification exams. After completing all four courses of CCNA Routing and Switching, students will be prepared to take the Cisco CCNA® certification exam. If students complete the optional Network/Cybersecurity coursework they will be prepared for the Security Fundamentals and Security Operations exams which align with the CCNA Cyber Ops and CCNA Security certification. Visit www.Cisco.com/web/learning/netacad/index.html for more information.

Junior Year Program (3 periods- 3 credits)
Information Technology 145005- The first course 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.

Computer Hardware 145025- Students will learn to install, repair, and troubleshoot computer hardware systems. They will perform preventative maintenance practices and learn techniques for maintaining computer hardware security. Communication skills and professionalism in troubleshooting situations will be emphasized.

Computer Software 145030- Students will apply knowledge and skills of commercial and open source operating systems in portable, stand alone, and networked devices. Students will install a variety of operating systems manually and using remote assistance. They will learn to configure, modify, and troubleshoot operating systems. Desktop virtualization, system security, and operating system history will be addressed.

Senior Year Program (2 periods- 2 credits, Senior Option 3 periods - 3 credits)
Networking 145035- Students will install, configure, and troubleshoot network hardware and peripherals. Students will learn networking by exploring the OSI model, network topologies, and cabling. Students will design simple networks, know how to select physical devices, and be able to configure the equipment. Knowledge and skills relating to the operation and usage of network protocols will be developed.

Routing and Switching 145055- Students will learn the functions, characteristics, and operations of routers and switches. Students will learn about wireless network standards and components and the role that routers play in enabling communications across multiple networks. Students will troubleshoot the routing process. Students will examine the use of Virtual Local Area Networks (VLANs) to create logically separate networks.

Cybersecurity 146005 - (Senior Option) Students will learn the components of cybersecurity and the role each plays in preventing, detecting, and mitigating vulnerabilities and attacks. Components include the security of the network infrastructure, security of the systems, and the prevention, detection, and mitigation of common vulnerabilities and attacks. Throughout this course, students will examine and implement security safeguards for desktop, network, and application security.

Network Security 145050- (Senior Option) Network Security will address securing networks and operating systems. Students will learn to secure network communications, computer hardware, and network software. Topics included are network security theory, cryptography, security architecture, firewalls, VPN, IP security, and methods of protection.

Cisco® courses completed the Junior year of this 2 year program include:
IT Essentials: PC Hardware and Software- This portion of the course provides an excellent introduction to the IT industry and interactive exposure to personal computers, hardware, and operating systems.

CCNA Routing and Switching: Introduction to Networks- This portion of the course introduces the architecture, structure, functions, components, and models of the Internet and other computer networks.

CCNA Routing and Switching: Routing and Switching Essentials- The final portion of the course describes the architecture, components, and operation of routers, and explains the principles of routing and routing protocols. Students must successfully complete Network Fundamentals to move on to this section.

Cisco® courses completed the Senior year of this 2 year program include:
CCNA Routing and Switching: Scaling Networks- This course provides a comprehensive, theoretical, and practical approach to learning the technologies and protocols needed to design and implement a converged switched network.

CCNA Routing and Switching: Connecting Networks- This course discusses the WAN technologies and network services required by converged applications in enterprise networks.

CCNA Cybersecurity Operations (optional)- Helps students develop the skills needed for entry level network-security career opportunities covering knowledge and skills needed to successfully handle the tasks, duties, and responsibilities often required by an associate-level Security Analyst working in a Security Operations Center.

CCNA Security (optional) - This is a hands-on, career-oriented course with an emphasis on practical experience to help students develop specialized security skills to advance their careers.

College credit may be available upon successful completion of program/testing requirements.

Students are responsible for membership dues of approximately $40 for SkillsUSA.
Students are responsible for certification exam costs of approximately $200-$600.
Junior Year- students have the option to test for A+ Certification (approximate cost $200).
Senior Year- students have the option to test for CCNA Certification (approximate cost $400).
Because of our program affiliation, these certification tests are being offered to our students at half the traditional cost which could well exceed $1000.

ENGINEERING AND ARCHITECTURE

XXX INTRODUCTION TO ENGINEERING DESIGN (JUNIOR) at Hoover HS
XXX PRINCIPLES OF ENGINEERING (JUNIOR) at Hoover HS

544 ARCHITECTURE DESIGN - STRUCTURAL AND MECHANICAL (SENIOR) at Jackson HS
545 ARCHITECTURE DESIGN - SITE AND FOUNDATION PLANS (SENIOR) at Jackson HS

Prerequisite:	Junior - Application required Senior - Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	2 credits Junior year 2 credits Senior year

Please note: This program is offered in cooperation with Hoover HS. JUNIORS will take these foundation courses at Hoover HS periods 1 and 2 and return to Jackson for the rest of the day. SENIORS will take these Specialization and Capstone Courses at Jackson HS.

Junior Year Program at Hoover HS (2 periods- 2 credits)
Introduction to Engineering Design 175001- This course exposes students to the design process, research and analysis, communication and technical documentation methods, global and human impacts, and engineering standards. Students use 3D solid modeling design software to help them design solutions to solve proposed problems and learn how to document and communicate their work to the professional community.

Principles of Engineering 175002- This survey course exposes students to the major concepts they'll encounter in a college of engineering program. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create, document, and communicate their solutions.

Senior Year Program at Jackson HS (2 periods- 2 credits)
Architecture Design- Structural and Mechanical/Electrical/Plumbing 178020- Students will use architecture design principles to organize and arrange structures to create a perspective of a building. Students will use orthographic/pictorial projection, freehand technical sketching, and computer-aided drafting (CAD) skills to generate floor and wall plans, elevations, sections, details, and schedules. Students will develop sets of

structural framing and mechanical working drawings that include plumbing, HVAC and electrical power and lighting plans.

Architecture Design- Site and Foundation Plans 178021- Students use advanced architectural design concepts to construct design models including perspective drawings for final presentations. Students use orthographic/pictorial projection, freehand technical sketching and computer-aided drafting (CAD) tools to create site foundation and section plans that include topographical details and schedules. Additionally, students perform zoning analysis, develop preliminary plot plans, and construct grading and utilities plans that include legal descriptions and cut and fill volumes.

Project Lead the Way courses completed the Senior year of this 2 year program include:
Engineering Design and Development - This is an engineering research course in which students will work in teams to research, design, test, and construct a resolution to an open-ended engineering problem. The product development life cycle and a design process are used to guide and help the team to reach the solution. The team presents and defends their position to a panel of outside reviewers at the conclusion of the course. This capstone course allows students to apply all the skills and knowledge learned.

Civil Engineering and Architecture - Students will apply knowledge about various aspects of civil engineering and architecture to the design and development of a property. Working in teams, students explore hands-on activities and projects to learn the characteristics of civil engineering and architecture. Students will use the 3D design software to develop a design solution to apply to major course projects. Students will continue to convey findings to members of the professional community.

There is an approximate fee of $20.00
Students are responsible for membership dues of approximately $40 for SkillsUSA.
College credit may be available upon successful completion of program/testing requirements.

CLINICAL HEALTH CARE SERVICES

570 PRINCIPLES OF ALLIED HEALTH MEDICINE (JUNIOR)
571 NUTRITION AND WELLNESS (JUNIOR)
572 MEDICAL TERMINOLOGY (JUNIOR)

574 PATIENT CENTERED CARE (SENIOR)
575 PHARMACOLOGY (SENIOR)

Prerequisite:	Junior- Application Required, Biology, Geometry Senior- Chemistry, Completion of Junior program
Length:	2 year course
Grade Level:	11&12
Credit:	3 credits Junior Year (Students must also enroll in Chemistry 3 credits Senior Year (Students must also enroll in Anatomy and Physiology)

The curriculum will be offered under the Health Science Career Field and will focus on nurse assisting, which includes full preparation and testing to become a State-Tested Nursing Assistant (STNA), as well as an introduction to basic pharmacology to prepare for the optional Exam for the Certification of Pharmacy Technicians (ExCPT) or Pharmacy Technician Certification Board (PTCB) exam, CPR training, and First Aid Training. Students will have an opportunity to observe and experience various clinical environments and volunteering opportunities, including: healthcare settings, blood drive organization and support, health screening support (hearing and vision), and other health related activities. We are partnering with area healthcare providers and post-secondary institutions to keep up-to-date with the most current and innovative

educational trends in the healthcare industry and are able to offer students articulated college credits upon successful completion of program requirements.

This program meets the expectations of employers and postsecondary institutions by building on the National Healthcare Foundation standards, strengthening academic engagement and achievement, and providing relevant workplace learning experiences. Students will have the opportunity to use their skills in a clinical setting while furthering their competency in clinical health care services during both years of the program.

Students will have the opportunity to achieve the following certifications while still in high school: CPR, First Aid, OSHA-10, and STNA (State-Tested Nursing Assistant). Students will be prepared to sit for the national certification exam, the ExCPT or PTCB, to become a Certified Pharmacy Technician (CPhT) after they are 18 years old and have graduated from high school. All students will, upon successful completion of program requirements, be prepared to enter college and pursue a degree in the Health Services field.

Junior Year Program (3 periods- 3 credits)

Principles of Allied Health Medicine 072035 – In this first course, students will apply knowledge and clinical skills necessary to collect data, plan, provide, and evaluate care to patients in various 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.

Nutrition and Wellness 072015 – Students will increase their knowledge of comprehensive health and wellness. Students will be able to identify the components of fitness and communicate the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. Students will evaluate an individual's state of nutrition based upon the impact of personal choices and social, scientific, psychological, and environmental influences. Further, students will calculate an individual's kilocalorie burn rate and recommend an ideal diet and physical fitness plan.

Medical Terminology 072150 – This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents.

Junior students are responsible for expenses to purchase uniforms (2 sets) which cost approximately $65. Junior Course Fees are approximately $67 which includes SkillsUSA membership dues.

Senior Year Program (3 periods- 3 credits)

Patient Centered Care 072050 – Students will apply psychomotor nursing skills needed to assist individuals in meeting basic human needs. Students will implement interventions following a nursing assistant plan of care. Students will collect patient's vital signs including temperature, pulse rate, respiration rate, and blood pressure. Students will focus on infection prevention, universal precautions, proper patient identification, specimen acquisition, handling, and processing. Additionally, students will observe patients' physical, mental, and emotional conditions and document any change.

Pharmacology 072085 – Students will apply the principles of pharmacology in order to read, interpret, and dispense prescriptions. They will learn how medications are classified and administered. Students will study the impact of drugs on different systems of the body, interaction of drugs, side effects, and effectiveness in relation to dosages.

Students are responsible for membership dues of approximately $40 for SkillsUSA.

Senior students are responsible for expenses of approximately $160 for the following: drug screen, physical, TB test, BCI check if 18 years old, and STNA Testing. Senior Course Fees are approximately $40 which includes SkillsUSA dues.

Optional: If senior students obtain an approved healthcare job and work 15 hours per week they will be allowed to participate in a work-study program second semester.

College credit may be available upon successful completion of program/testing requirements.

CONSTRUCTION TECHNOLOGIES

560 CONSTRUCTION – CORE AND SUSTAINABLE CONSTRUCTION (JUNIOR)
561 CONSTRUCTION – CARPENTRY AND MASONRY TECHNICAL SKILLS (JUNIOR)

562 CONSTRUCTION – STRUCTURAL SYSTEMS (SENIOR)
563 CONSTRUCTION – STRUCTURAL COVERINGS AND FINISHES (SENIOR)

Prerequisite:	Junior - Application required Senior - Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	3 credits Junior year 3 credits Senior year

Junior Year Program (3 periods- 3 credits)
Construction Technology-Core and Sustainable Construction 178000 - Students will learn principles in basic safety (10 hour OSHA), construction math, hand and power tools and operation, blueprint reading, material handling, communication and employability skills. An emphasis will be placed on safe and green construction practices.

Carpentry and Masonry Technical Skills 178001 – This first course in the pathway will introduce to the 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, application code requirements, and correct practices are learned.

Senior Year Program (3 periods- 3 credits)
Structural Systems 178003 – Students will learn procedures and techniques required for layout and framing walls and ceilings, including roughing-in door and window openings, constructing corners and partitions; bracing walls and ceilings; and applying sheathing. Students will learn methods of roof, cold formed steel, and wood stair framing. Students will learn site and personal safety, material properties, design procedures, and code requirements for structural systems.

Structural Coverings and Finishes 178004 – This course will address applications of interior and exterior finish work. Students will identify material properties and select for appropriate application. Students will install thermal and moisture protection including roofing, siding, fascia and soffits, gutters, and louvers. Students will install drywall; trim-joinery, and molding and apply wall, floor and ceiling coverings and finishes. Throughout the course, the safe handling of materials, personal safety, prevention of accidents and the mitigation of hazards are emphasized.

Students are responsible for membership dues of approximately $40 for SkillsUSA. College credit may be available upon successful completion of program/testing requirements.

Safety aspects of each trade area will be emphasized. Students enrolled in the junior program will complete training and testing required to obtain an OSHA 10 Safety card and will need this to continue to the senior year of the program.

CULINARY ARTS/ RESTAURANT MANAGEMENT

460 HOSPITALITY FUNDAMENTALS (JUNIOR)
461 DINING ROOM SERVICE AND OPERATIONS (JUNIOR)

464 RESTAURANT MANAGEMENT (SENIOR)
465 FUNDAMENTALS OF FOOD PRODUCTION (SENIOR)

Prerequisite:	Junior – Application Required Senior – Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	3 credits Junior year 3 credits Senior year

This program prepares students for careers or further education in restaurant management, hospitality, and/or culinary arts. This course is ideal for creative, hard-working male and female students that can work well with people and have a love for cooking or are willing to learn the aspects of culinary and want to pursue a career in foodservice or hospitality industry. Students receive on-the-job training in the Bear's Den Café Restaurant. Students will learn how to create menus, calculate calorie counts, prepare many types of food, assist with basic management skills, pastry and baking skills, service skills, safety and sanitation in the work place and banquet/catering duties.

ServSafe is a safety and sanitation course that all culinary students will take. Course material includes: kitchen safety, food-borne illnesses, and clean kitchen habits. The course costs *approximately **$80*** including the workbook and exam. Students passing the ServSafe exam will be issued a certificate by the National Restaurant Association (NRA) that is good in the industry for five years. Many higher education facilities award college credit for receiving the ServSafe certificate. In addition, ProStart, a culinary curriculum favored by the NRA is currently being taught to allow for more transferability of college credit for Jackson Culinary students.

Junior Year Program (3 periods- 3 credits)
Hospitality Fundamentals 330000 - This first course in the career field will introduce students to culinary arts, food service operations, lodging, travel, and tourism. Students will obtain knowledge of customer service principles and examine the impact of cultural, historical, social, and technological developments on key segments of the industry. They will also apply safety and sanitation techniques to prevent and control injuries, illnesses and diseases in the workplace. Business law, employability skills, leadership, and communications will be addressed.

Dining Room Service and Operations 330110 - Students will apply strategies and techniques to identify and meet dining guest needs. They will provide table and beverage service; maintain eating areas, meeting spaces and serving stations; manage online reservations and orders; and monitor table turns, wait lines, and table assignments. Nutritional analysis, types of table service, safety and sanitation, cultural intelligence, employability skills, and communications will also be addressed.

Senior Year Program (3 periods- 3 credits)
Restaurant Management 330120 - Students will apply management principles to plan, organize, and direct restaurant staff toward goal achievement. They will hire, train, and supervise employees; establish processes to facilitate restaurant operations; and plan and design menus. Students will also forecast and schedule food production, establish food specifications, select vendors, calculate costs, and purchase food and nonfood

products. Other topics include food science, nutritional analysis, business law and ethics, economics, and marketing.

Fundamentals of Food Production 330100 - Students will prepare food products and beverages according to standardized recipes. They will apply plating and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guides. Safety and sanitation, standard knife skills, and culinary math will be emphasized. Employability skills, leadership, and communications will also be incorporated.

College credit may be available upon successful completion of program/testing requirements.

Chef uniforms are required. The approximate cost for the ProStart test is $20 per year. The approximate cost of the ServSafe workbook and exam is $80. Students are responsible for membership dues of approximately $18 for Family, Career & Community Leaders of America (FCCLA), a student-run organization with a focus on community service.

HORTICULTURE

590 HORTICULTURE- PLANT & HORTICULTURE SCIENCE (JUNIOR)
591 HORTICULTURE- GREENHOUSE & NURSERY MANAGEMENT (JUNIOR)
592 HORTICULTURE- LANDSCAPE SYSTEMS MANAGEMENT (JUNIOR)

593 HORTICULTURE- LANDSCAPE HARDSCAPES (SENIOR)
594 HORTICULTURE- TURF SCIENCE AND MANAGEMENT (SENIOR)
595 HORTICULTURE- AGRICULTURAL AND ENVIRONMENTAL SYSTEMS CAPSTONE (SENIOR)

Prerequisite:	Junior - Application required Senior - Completion of Junior program
Length:	2 Year course
Grade Level:	11&12
Credit:	3 credits Junior year 3 credits Senior year

Junior Year Program (3 periods - 3 credits)
Plant and Horticultural Science 010155 (this course counts as 1 credit of science to meet the 3 credit minimum science graduation requirement) - This first course in the pathway focuses on the broad knowledge and skills required to research, develop, produce, and market agricultural, horticultural, and native plants and plant products. Students will apply principles and practices of plant physiology and anatomy, plant protection and health, reproductive biology in plants, influences in bioengineering, plant nutrition, and disorders. Environmental aspects of irrigation, chemical application, soils, and pest management will be studied and applied. Projects and activities will enable students to develop communication, leadership, and business management skills.

Greenhouse and Nursery Management 010610 - The course will apply principles of science, engineering, and business to support the sustainable propagation and production of plants in a commercial nursery or greenhouse facility. Management of soil/media, water and nutrient distribution, lighting, ventilation and temperature, and pests will be learned and applied. Students will demonstrate knowledge of propagation methods, plant health, nutrition, and growth stimulation. Students will develop successful business, communication, marketing, and sales strategies for use in the greenhouse and nursery industries.

Landscape Systems Management 010615 - Students will learn methods for establishing and maintaining landscapes to promote growth and balance. The classification and care of woody and herbaceous landscape plants will be covered in-depth. Students will learn to optimize growing conditions, balance nutrients, and

manage pests and disease. Horticultural skills including proper planting, fertilizing, and pruning techniques will be practiced. The implications of landscape installation on the environment will be analyzed and eco-friendly practices applied. Students will also employ communication, business, and management strategies appropriate for the industry.

Senior Year Program (3 periods - 3 credits)

Landscape Hardscapes 010640 - Students will learn skills in constructing and installing hardscape features in a landscape. Topics include basic principles of building and implementing designs drawn and drafted from computer-aided designs and blueprints. Students will install artificial lighting, water systems, deck, and creative concrete features on job sites. Throughout the course, business management practices, employability skills, and safety procedures will also be emphasized.

Turf Science and Management 010635 - The course will apply principles of science, engineering, and business to support the establishment and maintenance of residential, athletic, and recreational turf. Instruction in establishment, care, production, and marketing of turf grass along with safe operation and maintenance of specialized equipment will be provided. Environmental awareness and conservation practices will be applied. Students will employ communication, business, and management strategies appropriate for the industry.

Agricultural and Environmental Systems Capstone 010190 - 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.

College credit may be available upon successful completion of program/testing requirements.

Students are responsible for membership dues of approximately $30 for National FFA Organization which is dedicated to community service and provides leadership opportunities for students.

JACKSON SCHOOL FOR THE ARTS (JSA)

The Jackson School for the Arts, established in 2001, is designed for students who have interests in a rigorous academic curriculum as well as a passion for visual/performing arts. Students are offered a variety of course offerings in dance, theatre, instrumental music, visual art, and vocal music. Within the JSA curriculum, students enroll in Advanced Placement, College Credit Plus, and Jackson High School's rigorous course offerings in addition to exploring courses in the arts. Over a four-year period, students are exposed to all art disciplines, eventually narrowing their focus in the arts to an area of concentration. Furthermore, JSA seniors complete a 20Time capstone project in an area of their choice. JSA provides special opportunities and experiences that traditional high school programs cannot offer at no or minimal cost to students. Artists-in-residence, seminars, interdisciplinary problem-based learning, university master classes and partnerships, field trips, guest speakers, travel, arts camps, and performances are built into the rigorous curriculum. JSA provides students with community connections, leadership opportunities, and educationally based international travel opportunities.

JSA students possess the skills necessary to succeed in any professional field. JSA students have unique, creative problem-solving skills which make them marketable in a competitive environment. In addition to the arts, many JSA graduates go on to study and work in medical, mathematics, business, and law fields. A prospective applicant must submit a completed application online and participate in an interview.

Course options for JSA students may be found in this Programs of Study under the appropriate arts department. Students who wish to enroll in an arts course in a compact school must meet with the JSA Coordinator and his/her counselor prior to scheduling. All JSA students must meet the Physical Education, Health, and Personal Finance graduation requirements. It is suggested that all JSA students take at least two credits of World Language.

Requests to be enrolled in both JSA and JAGS will only be considered by administrative review. Please submit your request to both the JAGS Coordinator and JSA Coordinator via email in order to be considered for dual enrollment in JSA and JAGS.

Four Year Course Requirements for JSA

General education options are fulfilled among these requirements

Freshman	Sophomore	Junior	Senior
JSA English 9 JSA World History Band **and/or** Chorus Choose two of following options: • Ensemble Theatre (*semester course*) • Visual Art Choice* (*semester course*) • Dance 1 (*semester course*) *Only one semester of visual art may be taken	JSA English 10 **or** JSA Accelerated English 10 JSA American History **or** AP Academy American History **Two** credits from the Visual or Performing Arts (*Art, Dance, Music, or Theatre*)	Junior Seminar **Two** credits from the Visual or Performing Arts (*Art, Dance, Music, or Theatre*)	Senior 20Time Capstone & Ignite TED Talk **One** credit of upper level Visual or Performing Arts (*Art, Dance, Music, or Theatre*)

JACKSON ACADEMY FOR GLOBAL STUDIES (JAGS)

The Jackson Academy for Global Studies (JAGS) is a four year academy at Jackson High School with a globally focused curriculum. Within the JAGS curriculum, students enroll in Advanced Placement, College Credit Plus, and Jackson High School's rigorous course offerings while exploring courses with a globally focused curriculum. JAGS students must successfully complete a JAGS four year course plan, 80 hours of community service, a digital portfolio of their high school work, and a Capstone Service Project to receive a Certificate of Global Studies from Jackson High School and the Community Catalysts Partners International Studies School Network. We believe that preparing globally competent students begins with a rigorous curriculum including: interdisciplinary problem-based learning, cultural awareness, world language immersion, community collaboration, service learning, leadership opportunities, business partnerships, and educationally based travel opportunities. Upon completion of the program, JAGS students will possess the skills necessary to lead, cultivate, and communicate their own ideas; excel in their chosen career paths, and work collaboratively to successfully navigate our global society. Students may apply to enter the JAGS program their freshman or sophomore year. A prospective applicant must submit a completed application online.

All JAGS students must have **four years of high school credit in a World Language** (high school credits can be earned while in middle school - but the world language course MUST fulfill our high school requirements) for a JAGS graduation endorsement. All JAGS students must complete the course requirements below to earn the JAGS graduation endorsement

JAGS students may apply to enter JAGS their sophomore year but must have four years of a world language for the JAGS graduation endorsement.

Requests to be enrolled in both JAGS and JSA programs will only be considered by administrative review. Please submit your request to both the JAGS Coordinator and JSA Coordinator via email in order to be considered for dual enrollment in both academies.

Four Year Course Requirements for JAGS*

General education options are fulfilled among these requirements

Freshman	Sophomore	Junior	Senior
JAGS Biology JAGS English 9 JAGS World History World Language Options: *Chinese* *French* *Spanish*	JAGS Chemistry JAGS English 10 or JAGS Accelerated English 10 JAGS American History or AP ACADEMY American History World Language Options: *Chinese* *French* *Spanish*	Model UN Seminar World Language Options: *Chinese* *French* *Spanish*	JAGS Senior Capstone Course World Language Options: *Chinese* *French* *Spanish*

*subject to change

BUSINESS

020 BUSINESS AND LEADERSHIP THEORY
021 BUSINESS AND LEADERSHIP THEORY

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

What does it take to be a leader in the 21st Century? How can that translate into business and life? This course is designed to introduce students to leadership concepts that will challenge their current thought process and how to apply that into their own lives and into the business world. Students will explore leadership methodology and concepts from some top speakers and learn how to apply it to marketing, entrepreneurship, social media, and business. Students will also research various businesses, collaborate on group projects, utilize document and presentation software, and will examine ethical issues surrounding present and emerging businesses. The semester ends with a business plan where students present their business in a Shark Tank-style platform. ***This class serves as a precursor to the Junior Achievement/Entrepreneurship course. Completion of this course is strongly encouraged to be prepared for Junior Achievement/Entrepreneurship course***.

022 INTERNATIONAL BUSINESS
023 INTERNATIONAL BUSINESS

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course is designed to introduce students to the various aspects of international business. Students will explore many different topics, such as global economies, government, politics, foreign currency, and international trade. International business is recommended for students considering a career in business, communications, marketing, and education.

024 JUNIOR ACHIEVEMENT/ENTREPRENEURSHIP

Prerequisite:	None*
Length:	Year
Grade Level:	10**, 11, 12
Credit:	1 credit

****Sophomores who wish to take this class will need a recommendation from the Business and Leadership Theory instructor and successful completion of Business and Leadership Theory.**

Interested in making real money and impacting your community? Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. Students will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will also develop a budget and recruit, interview, select, hire, manage employees, and present their business to a panel of investors.

Establishing a brand, setting prices, promoting products, and managing customer relationships will be emphasized. ***Successful completion of Business and Leadership Theory is strongly encouraged prior to taking this course**. JA Entrepreneurship introduces students to the essential elements of a practical business plan and then challenges them to start an entrepreneurial venture while still in high school. Students will learn about advertising, competitive advantages, financing, marketing, and product development. Students will fill a need or solve a problem in their community by launching a business venture and unleashing their entrepreneurial spirit.

The course focuses on Company Ops, the majority of time, where students build and manage their business. Program Concepts: Advertisement, Business plan, Competitive advantages, Customer, Demographic,

Entrepreneur, Entrepreneurial spirit, Ethical dilemma, Ethics, Financing, Franchise, Long- vs. short-term consequences, Management, Market, Market needs, Marketing, Nonprofit business, Product, Product development, Profit, Social entrepreneur, Social responsibility, Stakeholder, Voting, Annual report, Business 41 plan, Capitalization, Company structure, Entrepreneurial facts, myths, and traits, Financial tools, Launch the company, Leadership, Liquidate, Marketing, Personal action plan, Pitch, Product development process, Product and service evaluation, Quality control, Sales techniques, Supply chain, SWOT analysis Program Skills: Analyzing information, Business planning, Categorizing data, Decision making, Evaluating alternatives, Expressing multiple viewpoints, Graphic presentation, Oral and written communication, Presenting information, Reading for understanding, Weighing consequences, Working in groups, Working in pairs, Accountability, Creativity, Critical thinking, Collaboration, Decision making, Idea development, Leadership, Product evaluation, Public speaking, Sales, Self-assessment, Synthesizing and evaluating information, Teamwork. **This course fulfills the Personal Finance graduation requirement for the classes of 2023, 2024, and 2025.**

025 JUNIOR ACHIEVEMENT/ENTREPRENEURSHIP 2

Prerequisite:	Successful completion of Junior Achievement/Entrepreneurship
Length:	Year
Grade Level:	11, 12
Credit:	1credit

This class is for students who have successfully completed JA/Entrepreneurship I, most likely serving in a role outside of CEO. Students who participated in JA/Entrepreneurship I will have an opportunity to run a company as a CEO, using the experiences gained from the previous year. Running as a CEO is not required. Students may wish to further hone skills related to: supply chain management, finances, accounting, sales, website development, social media management, and more related to successful management of a company. This is also highly recommended for those students who aspire to own their own business or look to study business in college.

032 INTRO TO BUSINESS
033 INTRO TO BUSINESS

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course will explore the principles of business. Students will obtain fundamental knowledge and skills in business activities with an emphasis on marketing. They will acquire knowledge of business processes, economics, marketing activities, employability skills, business ethics and law, leadership, and communication. Students will use technology to synthesize and share business information. Intro to Business is recommended for students considering a career in business, communications, marketing, and education. ***This class serves as a precursor to the Junior Achievement/Entrepreneurship course. Completion of this course is strongly encouraged to be prepared for Junior Achievement/Entrepreneurship course.***

028 PERSONAL FINANCE

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course is designed to give the student a basic understanding of financial principles so they can make sound financial decisions for life. The course prepares students to function effectively as consumers, savers, investors, entrepreneurs, and active citizens. Students will prepare budgets, learn ways to pay cash for their cars, and explore ways to minimize student loan debt. They will learn how to build and protect wealth and the importance of staying out of debt. Students will also utilize spreadsheets to prepare and understand payroll and tax calculations, prepare personal budgets, and calculate the real cost of debt.

CCP BUS221 MICROECONOMICS (Semester 1)
CCP BUS221 MICROECONOMICS (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) college credits possible

An in-depth study of microeconomic concepts and principles such as supply and demand, price elasticity, production costs, different market structures, income distribution, marginal analysis, and other issues relating to global economics. Upon completion of this course, students should be able to demonstrate an understanding of these topics and be able to apply them to business. **This course fulfills the Personal Finance graduation requirement for the classes of 2023, 2024, and 2025.**

ENGLISH

Students are required to receive four credits in English. Students will choose a specific level by using the following criteria:

- previous English performance
- abilities and interests
- recommendation by teachers and counselors

Most students will start at English 9 and progress through English 10, English 11, and English 12. In the following course descriptions, some skills are repeated throughout all levels. Repeated skills become more advanced with each level. An attempt to specify some skills of focus for each course will be noted below. Accelerated courses are offered for those students who excel in language arts.

102 ENGLISH 9

Prerequisite:	None
Length:	Year
Grade Level:	9
Credit:	1 credit

This freshman-level course is designed to lay the foundation for successful high school writing and exploration of literature. The goal of this course is to engage students in a rigorous curriculum of reading, writing, analysis of literature, and grammar. The literature in this course includes the study of drama, short stories, nonfiction, and choice novels in a Reader's/Writer's workshop format that includes literature circles, as well as, through whole class reads. Through close readings of these selections, students will consider a work's structure, style, themes, and use of figurative language. Through taking this course, students will also continue to develop and refine their skills in composition, test-taking, critical thinking, and public speaking. In addition, students will be required to write a research paper that utilizes MLA format. The course will also include analytical, persuasive, and expository writing.

JAG102 JAGS ENGLISH 9

Prerequisite:	Application required
Length:	Year
Grade Level:	9
Credit:	1 credit

This freshman-level course with a global perspective is designed to lay the foundation for successful high school writing and analysis of literature. The goal of this course is to engage students in a rigorous curriculum of writing, reading, critical analysis of literature, and grammar. Students taking this course are expected to be independent learners. Through close reading of various selections, students will gain a deeper understanding of the ways writers in all parts of the world use language to provide both meaning and pleasure for the reader. As they read, students will consider a work's structure, style, themes, and use of figurative language. The literature in the course includes the study of drama, short stories, poetry, non-fiction, and novels. The course will also include intensive instruction in analytical, persuasive, and expository writing. In addition, students will be asked to write a research paper that utilizes MLA format. Students in the JAGS program will be developing work and performance skills through project-based learning activities in collaboration with each of their required JAGS courses. **Students may need to purchase supplementary materials for this course.**

JSA102 JSA ENGLISH 9

Prerequisite:	Application required
Length:	Year
Grade Level:	9
Credit:	1 credit

This freshman-level course is a challenging approach to understanding world literature and its historical context, coupled with an artistic enhancement. The class will stress the rigor of various writing forms, reading comprehension, critical analysis of literature, as well as grammar. Historical themes, events, and issues will be studied, analyzed, and evaluated as they are seen in short stories, poetry, novels, and biographical texts. Additionally, this course will expose students to other expressions of culture such as art, music, and customs.

Field trips are part of the curriculum and students will visit a variety of museums and attend performances to enhance their understanding of the literature they read. **Students may need to purchase supplementary materials for this course.**

112 ACCELERATED ENGLISH 9

Prerequisite:	8th-Grade Language Arts (Accelerated Language Arts highly recommended)
Length:	Year
Grade Level:	9
Credit:	1 credit

This freshman-level course is designed to lay the foundation for successful high school writing and analysis of literature. The goal of this course is to engage students in a rigorous curriculum of writing and reading to foster critical thinking and to facilitate more independent learning. Students will be expected to work cooperatively and to engage in thoughtful discussion with their peers, in addition to individual public speaking opportunities. The curriculum is compacted and students will need to be prepared to learn course material more rapidly. The literature in the course includes the study of drama, short stories, poetry, nonfiction, and novels. Through the close reading of these selections, students will gain a deeper understanding of the ways writers use language to provide both meaning and pleasure for the reader. As they read, students will consider a work's structure, style, themes, and use of figurative language. The course will also include instruction in analytical, creative, and expository writing. The creative writing assignments will be in the form of poetry and short stories. In addition, students will be asked to write a research paper that utilizes MLA format as a culmination of a year-long PBL (project based learning) assignment. **Students may need to purchase supplementary materials for this course.**

103 ENGLISH 10

Prerequisite:	English 9
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore-level course focuses on American literature and aligns major historical concepts through the study of novels, short stories, poetry, drama, a variety of non-fiction selections, and choice novels in a Reader/Writer's workshop format that includes literature circles. Students will continue to improve their reading, speaking, and listening skills and will write in a variety of styles using the writing process and appropriate writing conventions. Students will also develop test-preparation strategies for both reading and writing that are designed to prepare students for the state assessments. The course will also include extended response, informative, and argumentative writing. **Students may need to purchase supplementary materials for this course.**

JAG103 JAGS ENGLISH 10

Prerequisite:	JAGS English 9
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore-level course is fitting for students with global interests that encourage their success in English through the motivation to find solutions and greater meaning within the modern world. The content focuses on finding global connections in American literature that align with major historical concepts through the study of novels, short stories, poetry, drama, and non-fiction. Through the use of problem-based learning, students engage in cross-curricular projects that assist them in developing a broader understanding of the world while promoting improvement in critical thinking, presentation skills, and collaborative abilities. The course promotes the use of executive functioning skills that students are able to use while working with others in order to complete major projects that result in presentations and documentaries shown to authentic audiences, demonstrating their leadership among their peers and community. Students will continue to refine their reading, speaking, and listening skills and will write various pieces of expository, analytical, and persuasive writing in order to prepare for real-world and college-level demands related to research and analysis. **Students may need to purchase supplementary materials for this course.**

JSA103 JSA ENGLISH 10

Prerequisite:	JSA English 9
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore on-level course explores American literature and aligns major historical concepts through the study of novels, short stories, poetry, drama, and a variety of non-fiction selections, while also incorporating the study of various artistic forms, such as paintings, drawings, photography, sculpture, and video that apply to the study of literature for the Jackson School for the Arts program. Students will continue to improve their speaking, writing, and listening skills, as well as develop an appreciation for the arts. This class will also include grammar activities, collaborative and independent activities, class discussions, reading assignments, and writing assignments. Students will continue to develop writing skills in a variety of styles including the use of proper format, writing conventions, and grammar and mechanics. **Field trips during the school day are a part of this course, and students are expected to attend. Students may need to purchase supplementary materials for this course.**

113 ACCELERATED ENGLISH 10

Prerequisite:	English 9 (Accelerated English 9 Highly Recommended)
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore-level course is designed for students who excel in language arts and will explore the development of American literature from the Romantics to present day. Students will read a variety of novels and supplementary texts from the American literary canon to contemporary pieces. Students will write using a variety of modes throughout the year, including literary analysis, research papers, and persuasive essays. The goals of the course are to foster abilities in literary analysis, to promote critical thinking, to develop effective writing techniques, and to prepare students for the college-level demands of the AP classroom. Students choosing to take accelerated English should have strong reading comprehension skills and writing skills. Students will be expected to participate in whole class discussions as well as give presentations. **Students may need to purchase supplementary materials for this course.**

JAG113 JAGS ACCELERATED ENG 10

Prerequisite:	JAGS English 9
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore-level course is designed for students who excel in language arts. Students will explore various texts from the canon of American literature along with texts of a global nature and contemporary non-fiction. Through the use of problem-based learning, students engage in cross-curricular projects that assist them in developing a broader understanding of the world while promoting improvement in critical thinking, presentation skills, and collaborative abilities. The course promotes the use of executive functioning skills that students are able to use while working with others in order to complete major projects that result in presentations and documentaries shown to authentic audiences, demonstrating their leadership among their peers and community. Students will continue to refine their reading, speaking, and listening skills and will write various pieces of expository, analytical, and persuasive writing in order to prepare students for the college-level demands of the AP classroom. **Students may need to purchase supplementary materials for this course.**

JSA113 JSA ACCELERATED ENGLISH 10

Prerequisite:	JSA English 9
Length:	Year
Grade Level:	10
Credit:	1 credit

This sophomore-level course is designed for JSA students who excel in language arts and will explore the development of American literature from the Romantics to present day. Students will read a variety of novels and supplementary texts from the American literary canon to contemporary pieces. Students will write using a variety of modes throughout the year, including literary analysis, research papers, and persuasive essays. The goals of the course are to foster abilities in literary analysis, to promote critical thinking, to develop effective writing techniques, to make the connections between literature and other art forms, and to prepare students for the college-level demands of the AP classroom. Students in the JSA program will be developing real-world skills of collaboration and communication through project-based learning activities. Students choosing to take accelerated English should have strong reading comprehension skills and writing skills. Students will be expected to participate in whole class discussions as well as give presentations. **Field trips during the school day are a part of this course, and students are expected to attend. Students may need to purchase supplementary materials for this course.**

104 ENGLISH 11

Prerequisite:	English 10
Length:	Year
Grade Level:	11
Credit:	1 credit

This junior-level course will allow students to sharpen their critical reading and thinking skills while examining twenty-first century issues in their global society. Required coursework will focus on reading a variety of literature pieces through reading workshop skills-based model, full class instruction, and independent reading. The works will include short stories, poetry, fiction, non-fiction, and technical pieces. Additionally, this course will expose students to ideas around humanity regarding the power of positive thinking, intelligence and design, imagination in reality, responsibilities in the world, and the danger of a single narrative. In addition, as part of this course, students will complete analytical, persuasive, and expository writing. They will also conduct large and small research projects throughout the year. Students will work on grammar and vocabulary skills as preparation for ACT and SAT assessments. **Students may need to purchase supplementary materials for this course.**

114 ACCELERATED ENGLISH 11

Prerequisite:	English 10 (Accelerated English 10 Highly Recommended)
Length:	Year
Grade Level:	11
Credit:	1 credit

Designed for independent learners who excel in language arts, this junior-level course will allow students to sharpen their critical reading, writing, and thinking skills while examining twenty-first century issues in the global society. Required coursework will focus on reading a variety of world literature pieces through a reading workshop skills-based model and the works will include short stories, poetry, fiction, non-fiction, and technical pieces. Additionally, this course will expose students to expressions of culture such as art, music, and customs. Also, students will develop a sophisticated writing style and unique voice through a variety of writing assignments including research, persuasive, analytical, expository, and literary analysis. Students will work on grammar and vocabulary skills as preparation and review for ACT and SAT assessments. **Students may need to purchase supplementary materials for this course.**

115 AP ENGLISH LANGUAGE AND COMPOSITION

Prerequisite:	Successful completion of Accelerated English 10, Accelerated English 11, or AP Literature and Composition
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course will allow students to analyze non-fiction texts for rhetorical devices, style, diction, and author's purpose. Using these literary models, students will explore the process of writing through expository, argumentative, analytical, and informal writings. Students will also engage in the analysis of visual media; production of research-based and technology-based products, including podcasts and documentaries; and the study of effective argumentation. Through this repeated practice, students will develop and refine their styles and voices in all manner of composition. The goal of the course is for students to write and think with increasing complexity and sophistication by studying the many styles and methodologies reflected in multicultural literature.

A grade of *A* or *B* in ***AP Literature and Composition*** or ***Accelerated English 10 or 11*** constitutes successful completion of the course; however, students who have received a grade of *C* or lower in that course may struggle with AP English Language and Composition content and requirements.

106 ENGLISH 12

Prerequisite:	English 11
Length:	Year
Grade Level:	12
Credit:	1 credit

This is the traditional, year-long senior-level course designed to apply and master reading skills and strategies through the exploration of literature. In this course, the literature read and discussed focuses on how "place" impacts societal issues as well as the role that society has in the creation of its monsters. Therefore, the texts will explore these themes present in society in order to help the students analyze his/her own culture's importance of "place" and the word "monster". The literature that will be studied includes a variety of predominately British works including short stories, novels, fiction and nonfiction, and additional supplemental pieces. Novels typically include *Grendel*, *Frankenstein*, *Brave New World*, *Dreamland*, and Shakespeare's play *Macbeth*. Students will write a minimum of one composition per quarter. Students will be expected to give presentations individually as well as collaboratively. Critical thinking skills will be reinforced through problem-based learning projects and close readings. Post-secondary preparation will be a focus during senior year, which will include but not be limited to college essay writing, visual analysis, and research. **Students may need to purchase supplementary materials for this course.**

108 ENGLISH 12: SATIRE, COMEDY, AND THE RHETORIC OF LAUGHTER

Prerequisite:	English 11
Length:	Semester
Grade Level:	12
Credit:	1/2 credit

Satire, Comedy, and the Rhetoric of Laughter is a semester-long course in which students will explore the rhetorical strategies underlying a number of humorous and satirical texts taken from a wide array of media, cultures, and historical eras. The overarching goal of the course is to become adept at applying a critical approach to the study of comedy and satire (and anything written or spoken, for that matter). The course will also challenge students to let their inner humorist out, through shorter, humorous essays, group projects, and finally, with a culminating end-of-semester satirical project. Humor is, of course, a defining element of human life; through discussion, analysis, collaboration, and original work, this course seeks to appreciate, explore and carry on the rich humorous tradition of our species. **Students may need to purchase supplementary materials for this course.**

109 ENGLISH 12: COMING OF AGE

Prerequisite: English 11
Length: Semester
Grade Level: 12
Credit: 1/2 credit

This semester-long course will lead students to analyze and evaluate various coming-of-age themes through rhetoric and writing. Students will read various coming-of-age short stories and novels and watch at least two coming-of-age movies. These stories all center around young adults in the critical time period of life when they are deciding who they want to become. We will explore how writers have depicted the complex process of how we find our voice and become who we are meant to be. This will involve looking at contemporary and classic stories that focus on characters finding themselves and discussing how this relates to students. We will analyze these themes through the lens of rhetorical writing. **Students may need to purchase supplementary materials for this course.**

110 ENGLISH 12: MONSTERS / BEST OF BRITISH LITERATURE

Prerequisite: English 11
Length: Semester
Grade Level: 12
Credit: 1/2 credit

This course is a semester version of 106 English 12 and will lead students to analyze and evaluate the role that society has in the creation of its monsters. Focus is placed on how society is responsible for monsters and how fears and anxieties are embodied within them. This course will primarily focus on contemporary and classic British literature but will also use films, short stories, and other pieces of literature. The texts will explore these themes present in society in order to help the students analyze his/her own culture's use of the word "monster". Texts typically include novels such as *Frankenstein*, *Grendel*, and *Brave New World*. Students will write a minimum of one composition per quarter. Students will be expected to give presentations individually as well as collaboratively. Critical thinking skills will be reinforced through problem-based learning projects and close readings.

111 ENGLISH 12: MYSTERY, SUSPENSE, AND THRILLER

Prerequisite: English 11
Length: Semester
Grade Level: 12
Credit: 1/2 credit

Mystery, Suspense, and Thriller is a semester-long course focusing on the conventions and techniques of these three genres in literature. Students will examine what drives mysteries, the tension that defines suspense, and how the fear of death, failure, and the unknown propel thrillers. Students will explore a variety of texts from the genres' 19th century origins to present day. In this course, students will study key creators of these genres from short stories to books to movies. Some of the writers and creators to be studied will include Alfred Hitchcock, Edgar Allan Poe, Sir Arthur Conan Doyle, Steven King, Thomas Harris, and Agatha Christie to name a few. By the end of the course, students will be able to understand how mystery, suspense, and thriller short stories, books, and movies allow us to explore human consciousness and make sense out of what might otherwise be viewed as random experiences and meaningless violence.

116 ENGLISH 12: FILM STUDIES

Prerequisite: English 11
Length: Semester
Grade Level: 12
Credit: 1/2 credit

Film Studies is an introduction to the reading and comprehension of film as a language and form of storytelling as it relates to literature. The course will include the reading, analysis, and interpretation of various novels,

short stories, and screenplays with their adapted films. A brief history of film and production/creation of a cinematic feature will be reviewed through a variety of methods and activities. A large focus of the course will be learning various film techniques and comparing them to the storytelling tools of written literature. Students will participate in daily discussions, review articles, perform critiques, keep a log of observational notes, and work on an independent film as a culminating activity from their study of film/literature, including writing an original screenplay and comparative analysis.

CCP ENG124 COLLEGE COMP

Prerequisite:	CCP Requirements
Length:	Semester 1
Credit:	1 credit 3 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

Designed for students who are ready for college English and who meet the requirements for acceptance, this course will allow students to practice college-level writing in a writer's workshop format where students give and receive peer review and conference with the instructor. Students should have a strong foundation in research writing since they will learn and apply a new documentation style, APA. Along with other requirements, College Composition requires extensive reading and writing including 2 individual essays of 750-900 words each; two reader responses (500 words each) one of which is a visual analysis; a final reflective essay of 750 words; a 1250-1750 word collaborative essay written with classmates with a presentation component, plus a * 1250-1750 word individual researched argument paper which acts as a capstone for the semester. Students will write a minimum total of 5,750 words over the course of the semester. Instructor determined assignments including but not limited to: on-line writing consultations, Stark State College Digital library lessons and quiz, and presentations should be expected. Students will follow the syllabus and detailed monthly calendars and should be able to complete multiple assignments simultaneously. Students will engage with others in collaboration about ideas and topics, take initiative, self-monitor, and reflect during the entire writing process to grow as a collegiate-level writer and as a collegiate thinker initiating their own questions as needed to the instructor. *students must earn a D or better on the individual researched argument paper to pass the course. Composition II will build on the skills and knowledge obtained in College Composition including research and inquiry.

CCP ENG231 COLLEGE COMP II

Prerequisite:	CCP Requirements
Length:	Semester 2
Credit:	1 credit 3 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

Students will develop a deeper understanding of rhetoric, argument, and language as they explore and write about complex topics in formal papers while building on the research skills developed in Comp I. Comp II requires reading, research and writing of two individual essays totaling 2,250 words; a 1,750 word (minimum) argumentative research paper* that incorporates data gathering, primary sources and academic sources with documentation again in APA format; and production of a cooperative, argumentative, multi-modal research project that demonstrates research findings on a chosen topic (500 word reflection). Students will keep an invention journal notebook (minimum 5,000 words). Two-four Instructor Determined Assignments will involve written reflection (minimum of 500 words total). Additionally, students should prepare to seek writing improvement consultations from Stark State's Online Writing Center (OWC) and from the instructor. Peer reviews and collaboration is also a key component of the course. Students will write a minimum total of 7,500 words over the course of the semester. The course can benefit students entering sciences, engineering, or math fields, since it focuses on research and non-fiction texts. Students will engage with others in collaboration about ideas, take initiative, self-monitor, and reflect during the entire writing process to grow as a collegiate-level writer and as a collegiate thinker while initiating questions to the instructor as needed. *Students must earn a minimum grade of ‘D’ on the researched argument essay in order to pass the course.

CCP ENG234 BRITISH LITERATURE: 1785 TO PRESENT (Semester Course)

Prerequisite:	CCP Requirements and successful completion of CCPENG124 or CCPENG231
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

This course covers British literature from 1785 to present. Students will read, discuss, and write about works by British authors in their historical and cultural contexts. Emphasis will be placed on critical reading of the works and techniques used to analyze them. This course is intended to expose students to works of literature written by British authors between 1785 and today. Throughout the semester, students will read stories, essays, and poems by various authors, as well as discover the historical and cultural context surrounding each text. Building on skills gained in ENG 124 College Composition, students will learn how to read texts through various critical lenses, as well as analyze them in class discussions, written essays, and exams. Many of the works students read will expose them to new viewpoints and experiences. Students will complete two critical analysis essays and one research paper. Students will have a midterm and a final exam.

CCP ENG237 AMERICAN LITERATURE: 1865 TO PRESENT (Semester Course)

Prerequisite:	CCP Requirements and successful completion of CCPENG124 or CCPENG231
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

This course surveys American literature from the mid- to late-nineteenth century to the present. Students will read, discuss, analyze, and write about works by American authors in their historical and cultural contexts. Emphasis will be placed on critical reading of the works and techniques used to analyze them. This course is intended to expose students to works of literature written by American authors between 1865 and today. Throughout the semester, students will read stories, essays, and poems by various authors, as well as discover the historical and cultural context surrounding each text. Building on skills gained in ENG124 College Composition, students will learn how to read these texts through various critical lenses, as well as analyze them in class discussions, written essays, and exams. Many of the works students read will expose them to new viewpoints and experiences. Students will complete two critical analysis essays and one research paper. Students will have a midterm and a final exam.

117 AP ENGLISH LITERATURE AND COMPOSITION

Prerequisite:	Successful completion of Accelerated English 10, Accelerated English 11, or AP Language and Composition
Length:	Year
Grade Level:	suggested for grade 12
Credit:	1 credit

This course focuses primarily on international and British literature and puts a premium on reading a piece of literature for the first time and responding extemporaneously. This course will also include out-of-class reading and writing. Whereas traditional courses concern themselves to a great extent on historical background and author biography, this class views as primary importance the literary works themselves, especially the overall meanings, and the styles and techniques employed by the author to express them. Outside and in-class writing assignments will include a review of standard word usage, sentence structure, organization, idea development,

and exposition, all in an effort to hone advanced composition skills. Students will also plan and present a variety of literature-based audio/visual projects to the class that will stress cooperative planning and problem-solving, original and imaginative expression, and effective use of available technology. A primary objective of the class is to encourage valid, original, and exciting analysis of representative works from some of the greatest writers in history.

A grade of *A* or *B* in ***AP Language and Composition*** or ***Accelerated English 10 or 11*** constitutes successful completion of the course; however, students who have received a grade of *C* or lower in these courses may struggle with AP English Literature and Composition content and requirements.

122 AP RESEARCH

Prerequisite:	AP Seminar
Length:	Year course
Grade Level:	12
Credit:	1 credit

In AP Research, students cultivate the skills and discipline necessary to conduct independent research in order to produce and defend a scholarly academic paper. Although the topic of each research study will vary, the course requires students to plan and conduct a study or investigation. An Institutional Review Board has been established for this course for students conducting primary research that involves human subjects. The course provides opportunities (activities/assignments) for students to:

- understand principles of discipline-specific research methods (e.g., qualitative, quantitative, mixed).
- employ appropriate disciplinary research methods to develop, manage, and conduct an in-depth study or investigation in an area of student's own interest, culminating in a 4000-5000 word paper (accompanied by an additional piece of scholarly work – where applicable – to be performed or exhibited).
- present (using appropriate media) and defend the research design, approach, and findings to a panel.
- document their processes and curate the artifacts of the development of their scholarly work in a portfolio.

Students are assessed on the academic paper and presentation and oral defense of research. The academic paper is approximately 4,000-5,000 words, and the presentation and defense take approximately 15-20 minutes. The Academic Paper is 75% of the score and the Presentation and Oral Defense is the remaining 25% of the score which constitutes the AP exam grade. **The AP Research exams cost approximately $142 each, which is more than other AP exams.**

259 INTRODUCTION TO PERFORMING ARTS

Prerequisite:	None
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

This course is an introduction to communication as well as the performing arts using public speaking as an anchor. Students will gain an appreciation for the skill and performance of various art/communication forms through learning the basics of public speaking skills that will carry over into future classes, interpersonal/intrapersonal relationships, and potential careers. Creativity is encouraged as students participate in a wide variety of activities. Exciting speaking and acting projects may include, but not are limited to, demonstrative, persuasive and informative speeches, interviews, and interview portfolios. Students will also study elements of mass media. The use of technical theater elements will be explored through theatre/film study. This course will benefit all students by developing self-confidence, lifelong communication skills, career-prep, and an appreciation for the performing arts.

130 ENGLISH 9	Prerequisite:	Placement by referral only
132 ENGLISH 10	Length:	Year course
134 ENGLISH 11	Grade Level:	9, 10, 11, 12
136 ENGLISH 12	Credit:	1 credit

Work-related and basic English skills are emphasized in this course through reading, writing, listening, vocabulary development, grammar, and study skills. Students will prepare for statewide, standardized assessments through the Ohio Learning Standards or the Ohio Learning Standards-Extended. Selected teaching methods and materials will be determined by individual needs. **Students may need to purchase supplementary materials for the course.**

151 ENGLISH 9	Prerequisite:	Placement by referral only
152 ENGLISH 10	Length:	Year course
153 ENGLISH 11	Grade Level:	9, 10, 11, 12
154 ENGLISH 12	Credit:	1 credit

This course will enhance skills in writing and reading, listening and speaking, spelling, grammar, and vocabulary expansion. Students will be exposed to fiction and non-fiction literature, as well as functional reading materials (newspaper, schedules, recipes, safety maps). Through community-based experiences, students will be expected to apply skills across settings.

FAMILY AND CONSUMER SCIENCES

410 CREATIVE LIVING SKILLS
411 CREATIVE LIVING SKILLS

Prerequisite: None
Length: Semester course
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Students will experience a variety of hands-on activities in this semester class. Students will study and prepare basic foods: nutritious snacks, quick breads, and convenience recipes; participate in a community service project; and explore sewing and clothing arts skills. Additional topics will focus on problem-solving, communication, nutritional and food selections, and personal health. **There is a $25 course fee.**

430 CHILD DEVELOPMENT 1

Prerequisite: None
Length: Semester 1
Grade Level: 10, 11, 12
Credit: 1/2 credit

Students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social, and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities, and cultural differences within a family unit and community. **Students may choose to sign up for Child Development 2 second semester for a full year of study.**

431 CHILD DEVELOPMENT 2

Prerequisite: Child Development 1
Length: Semester 2
Grade Level: 10, 11, 12
Credit: 1/2 credit

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, theories of development, learning styles, and evaluating childcare services. Students will have opportunities to develop skills observing and working with children and use resource materials to develop lessons for young children. Students will purchase supplies for lead teaching day.

438 FOODS 1

Prerequisite: None
Length: Semester
Grade Level: 11, 12
Credit: 1/2 credit

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. **There is a $30 course fee. Students may choose to sign up for Foods 2 second semester for a full year of study**.

441 FOODS 2

Prerequisite: Foods 1
Length: Semester 2
Grade Level: 11, 12
Credit: 1/2 credit

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. **There is a $30 course fee.**

442 CLOTHING CONSTRUCTION 1
443 CLOTHING CONSTRUCTION 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Students will study the visual appearance of fabric and fashion design. Students will identify, analyze, and apply production processes and techniques to textiles. Additional topics will include the maintenance and alterations of textiles products. **Students will purchase project supplies.**

444 CLOTHING CONSTRUCTION 2
445 CLOTHING CONSTRUCTION 2

Prerequisite: Clothing Arts 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Students will build on skills learned in Clothing Construction 1. Experiences will include principles of clothing construction, fitting and alteration which may be applied to custom sewing, home decorating, and other career and entrepreneurial opportunities. Careers in fashion will be explored**. Students will purchase project supplies.**

FINE ARTS

220 CERAMICS 1
221 CERAMICS 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Students will explore clay as a medium for artistic expression. Students will learn about the use of ceramics throughout history and various cultures as they learn basic hand-building techniques. Students will be introduced to the potter's wheel and learn basic skills. Emphasis is placed on mastering basic hand-building techniques as students create functional and sculptural artworks. **In addition to an approximate $30 course fee, a sketchbook and other supplies are required. Many of the required supplies from Visual Art 1 may be reused for this course.**

222 CERAMICS 2
223 CERAMICS 2

Prerequisite: Ceramics 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Ceramics 2 builds on concepts and skills taught in Ceramics 1. It includes historical study and creations of ceramic art forms using both hand-building techniques and working with a pottery wheel. There will be opportunities for larger scale work and advanced study in a particular technique or mode of expression. Advanced glazing techniques will be explored. **In addition to an approximate $30 course fee, a sketchbook and other supplies are required**. **Many of the required supplies from prerequisite classes may be reused for this course.**

224 CERAMICS 3
225 CERAMICS 3

Prerequisite: Ceramics 2
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on concepts and skills taught in Ceramics 1 and Ceramics 2. It will include historical study and creation of ceramic art forms using both hand-building techniques and working with a pottery wheel. There will be continued opportunities for larger scale work and advanced study in a particular technique or mode of expression. Advanced glazing techniques will be explored. **In addition to an approximate $30 course fee, a sketchbook and other supplies are required. Many of the required supplies from Visual Art 1 may be reused for this course**.

226 CERAMICS 4
227 CERAMICS 4

Prerequisite: Ceramics 3
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on the concepts and skills taught in Ceramics 1, 2 and 3; hand-building methods and wheel throwing. It will include the study of historical, cultural, and contemporary ceramic artists as research for development of concepts and themes. This course will explore the individual's choices for project development and is more of an independent study through the ceramic medium. **In addition to an approximate $30 course fee, a sketchbook and other supplies are required. Many of the required supplies from Visual Art 1 may be reused for this course.**

236 PHOTOGRAPHY 1
237 PHOTOGRAPHY 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course is designed to introduce the history and impact of photography as it relates to art. Students will be learning basic skills in black and white photography, basic darkroom techniques, and creating special effects. This class emphasizes the use of photography as a medium of artistic expression. **In addition to an approximate $65 course fee, a sketchbook and other supplies will be required. Students must have access to a 35mm <u>manually</u> controlled camera and tripod that are in working condition.**

238 PHOTOGRAPHY 2
239 PHOTOGRAPHY 2

Prerequisite: Photography 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds upon the basic techniques and processes learned in Photography 1. Students will have the opportunity to advance their knowledge of black and white photography, darkroom techniques, and the creation of special effects. Students will also be exposed to basic digital and color photography as well. The emphasis in this class is more about personal artistic expression rather than basic technical knowledge. **In addition to an approximate $65 course fee, a sketchbook and other supplies will be required. Students must have access to a 35mm <u>manually</u> controlled camera, and a tripod that are in working condition.**

240 PHOTOGRAPHY 3
241 PHOTOGRAPHY 3

Prerequisite: Photography 2
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds upon the basic techniques and processes learned in Photography 1 and 2. Students will have the opportunity to advance their knowledge of black and white photography, darkroom techniques, and the creation of special effects. Students will also be exposed to digital and color photography as well. The emphasis in this class is more about personal artistic expression and independent research rather than basic technical knowledge. **In addition to an approximate $65 course fee, a sketchbook and other supplies will be required. Students must have access to a 35mm <u>manually</u> controlled camera, and a tripod that are in working condition.**

242 PHOTOGRAPHY 4
243 PHOTOGRAPHY 4

Prerequisite: Photography 3
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on photography techniques studied in Photo 1, 2 and 3, but with a focus on independent research and learning. Projects will include various darkroom and digital techniques. Students will focus on a variety of element and principle driven lessons while having the freedom to explore traditional and experimental projects with both film and digital media. **In addition to an approximate $65 course fee, a sketchbook and other supplies will be required. Students must have access to a 35mm <u>manually</u> controlled camera, and a tripod that are in working condition.**

244 AP ART AND DESIGN

Prerequisite: Art Teacher Approval
Length: Year
Grade Level: 12
Credit: 1 credit

The AP Art and Design class is designed for students who are seriously interested in the advanced experience of making visual art. Students should have taken previous art courses that may include: Visual Art, Drawing, Painting, Ceramics, Media, or Photography. Students in this course will focus on in-depth, inquiry-based art and design making; on skillful synthesis of materials, processes, and ideas; and on articulating information about their work. Students will submit their work to the College Board for grading and possible college credit. Students will be expected to complete a set of summer homework assignments prior to the start of the course. **In addition to an approximate $65 course fee, a sketchbook and some supplies are required. Many of the required supplies from prerequisite classes may be reused for this course.**

202 ART OF CRAFT 1
203 ART OF CRAFT 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Art of Craft is a craft-based course intended for the students who are interested in the creative process, but not interested in the fine art aspect (drawing/painting). Students will learn about the art and craft of various cultures while creating works of art. Students will get to experience working with a variety of different mediums such as paint, fabric, metal, wood, glass, and yarn, while learning multiple studio techniques. **In addition to an approximate $30 course fee, additional fees may be required.**

294 ART OF CRAFT 2
295 ART OF CRAFT 2

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Art of Craft is a craft-based course intended to build on the skills from Art of Craft 1. Students will learn about the art and craft of various cultures while creating works of art. Students will get to experience working with a variety of different mediums such as paint, fabric, metal, wood, glass, and yarn, while learning multiple studio techniques. **In addition to an approximate $30 course fee, additional fees may be required.**

280 DRAWING AND PAINTING 1
281 DRAWING AND PAINTING 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course introduces students to essential two-dimensional concepts and skills in drawing and painting techniques. Popular and professional art materials that may be used are pencil, ink, charcoal, colored pencil, acrylic paint, and watercolor. Projects may include the study of perspective, shading, portraiture, caricature, observational, photo-based and imaginative drawing and painting. **In addition to an approximate $30 course fee, additional supplies may be required.**

282 DRAWING AND PAINTING 2
283 DRAWING AND PAINTING 2

Prerequisite: Drawing and Painting 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on concepts and skills taught in Drawing/Painting 1. Emphasis is on techniques and themes for developing personal artistic expression through drawing. Opportunities are available for advanced work in a selected media or mode of expression, including both color and black and white. **In addition to an approximate $30 course fee, additional supplies may be required.**

284 DRAWING AND PAINTING 3
285 DRAWING AND PAINTING 3

Prerequisite: Drawing and Painting 2
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on concepts and skills taught in Drawing/Painting 1 and 2. Emphasis is on techniques and themes for developing personal artistic expression through drawing. Opportunities are available for advanced work in a selected media or mode of expression, including both color and black and white. **In addition to an approximate $30 course fee, additional supplies may be required.**

286 DRAWING AND PAINTING 4
287 DRAWING AND PAINTING 4

Prerequisite: Drawing and Painting 3
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on concepts and skills taught in Drawing/Painting 3. Emphasis is on techniques and themes for developing personal artistic expression through drawing. Opportunities are available for advanced work in a selected media or mode of expression, including both color and black and white. **In addition to an approximate $30 course fee, additional supplies may be required.**

266 DIGITAL ART AND DESIGN 1
267 DIGITAL ART AND DESIGN 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

In Digital Art, students use digital media techniques to create art. Instead of paints, pencils and canvas, students use the software program Procreate to create their art. Students will explore contemporary visual artists and a variety of techniques and styles. Projects may include illustration, perspective, photo manipulation, digital painting, and design. **In addition to an approximate $30 course fee, additional supplies may be required.**

268 DIGITAL ART AND DESIGN 2
269 DIGITAL ART AND DESIGN 2

Prerequisite: Digital Art 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

In this course, the students will build on their Digital Art 1 knowledge. They will continue to develop skills in Procreate and begin to create more independently driven works that surround prompts or themes. Students will continue to study contemporary artists in the field of Digital Art. **In addition to an approximate $30 course fee, additional supplies may be required**

272 PRINTMAKING 1
273 PRINTMAKING 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course is designed to introduce students to a variety of printmaking media and techniques. Contemporary and historical printing processes such as, but not limited to, relief printing, drypoint engraving, and collagraph printing will be explored throughout the semester. Students will also analyze prints through reading, discussion/critique, and examine a variety of prints. **In addition to an approximate $30 course fee, additional supplies may be required.**

274 PRINTMAKING 2
275 PRINTMAKING 2

Prerequisite: Printmaking 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Building on skills learned in Printmaking 1, students in this course will expand their knowledge through advanced printmaking media and techniques. Students will also analyze prints through reading, discussion/critique and examine a variety of prints. **In addition to an approximate $30 course fee, additional supplies may be required.**

276 SCULPTURE 1
277 SCULPTURE 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This class explores the various materials used to create sculptures, which include, but are not limited to, wire, metal, wood, and plaster. Students will learn how to manipulate these materials and use sculpting tools safely. Students will also analyze works of sculpture though reading, discussion/critique, and examine a variety of 3D forms. **In addition to an approximate $30 course fee, additional supplies may be required.**

278 SCULPTURE 2
279 SCULPTURE 2

Prerequisite: Sculpture 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

Building on skills learned in Sculpture 1, students in this course will expand their knowledge through advanced 3-dimensional techniques and processes. Students will also analyze works of sculpture through reading, discussion/critique, and examine a variety of 3D forms.

290 JEWELRY AND METALS 1
291 JEWELRY AND METALS 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course is designed to introduce students to metal/jewelry design as an art form. It is an introduction to the basic techniques necessary for the design and fabrication of jewelry and small three-dimensional forms. Students will utilize basic metal construction processes – sawing, filing, soldering, finishing, and casting, as well as piercing, soldering, surface texturing, polishing, and forming. Various materials and techniques are explored while learning the fundamentals of contemporary jewelry design. **In addition to an approximate $30 course fee, additional supplies may be required.**

292 JEWELRY AND METALS 2
293 JEWELRY AND METALS 2

Prerequisite: Jewelry and Metals 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course builds on concepts and skills taught in Jewelry and Metals 1. We will continue learning new advanced techniques necessary for the design and fabrication of jewelry and small three-dimensional forms. Various materials and techniques are explored while learning the fundamentals of contemporary jewelry design. **In addition to an approximate $30 course fee, additional supplies may be required.**

250 FRESHMAN BAND/LUNCH
251 BAND

Prerequisite: Prior membership in Band or by audition
Length: Year
Grade Level: 9, 10, 11, 12
Credit: 1 credit

Band is a full-year educational commitment that maintains a dual role of music education and musical performance. The prime objective of the band is to play independently and in an ensemble while demonstrating technical and stylistic accuracy and musical expressiveness. Performance is a key component of this class. Students must meet rehearsal and performance requirements of this course.

252 FRESHMAN CHORUS

Prerequisite: Prior membership in Choir or by audition
Length: Year
Grade Level: 9
Credit: 1 credit

Freshman Chorus is a full-year educational commitment that maintains a dual role of music education and musical performance. The prime objective of Freshman Chorus is to sing independently and in an ensemble while demonstrating technical and stylistic accuracy and musical expressiveness. Performance is a key component of this class. Students must meet rehearsal and performance requirements of this course.

Freshman Chorus will perform a fall concert, winter concert, and a spring concert, as well as performing at the large group adjudicated events and other requested engagements for which attendance is mandatory. Those who are interested may choose to participate in the solo and ensemble adjudicated events. **Note:** If you are interested in taking both JSA Band and JSA Choir you need to contact your high school counselor. Since both groups meet at the same time, a schedule will be developed between the Freshman Band and the Freshman Choir directors and the counselor.

253 CONCERT CHOIR

Prerequisite: Freshman Chorus and/or by audition
Length: Year
Grade Level: 10, 11, 12
Credit: 1 credit

Concert Choir is a full-year educational commitment that maintains a dual role of music education and musical performance. The prime objective of Concert Choir is to sing independently and in an ensemble, while demonstrating technical and stylistic accuracy and musical expressiveness. Performance is a key component of this class. Students must meet rehearsal and performance requirements of this course. Concert Choir will perform a fall concert, a winter concert, and a spring concert, as well as perform at the large group adjudicated events and other requested engagements for which attendance is mandatory. Those interested may choose to participate in the solo and ensemble adjudicated events.

254 CHORALE

Prerequisite:	By Audition
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

Chorale is a full-year educational commitment that maintains a dual role of music education and musical performance. The prime objective of Chorale is to sing independently and in an ensemble, while demonstrating technical and stylistic accuracy and musical expressiveness. Performance is a key component of this class. Students must meet rehearsal and performance requirements of this course.

Chorale will perform a fall concert, winter concert, and a spring concert, as well as perform at the large group adjudicated events and other requested engagements for which attendance is mandatory. Those interested may choose to participate in the solo and ensemble adjudicated event.

260 ADVANCED MUSIC AND COMPOSITION

Prerequisite:	Recommendation
Length:	One year
Grade Level:	10, 11, 12
Credit:	1 credit

This year-long advanced course combines music theory, music history, composition and performance. Any student planning to major in music should consider this course as well as a student who has a strong musical background and wishes to improve their musical knowledge through composition.

265 ADVANCED MUSIC AND COMPOSITION Level 2

Prerequisite:	Recommendation
Length:	One year
Grade Level:	11, 12
Credit:	1 credit

Students will complete large composition projects with guidance from the instructor. Students may choose from a variety of formats and styles and will finish the year with a complete portfolio of compositions/EP. Collaboration with outside professionals in the industry will be stressed.

264 THE UNDERSTANDING OF MUSIC
CCP MUS2211 THE UNDERSTANDING OF MUSIC (KFA) - College Credit Plus

Prerequisite:	CCP Requirements
Length:	Semester 1
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This is a listening approach for the understanding of Western art music, folk and jazz. Particular attention is paid to musical styles, forms and compositional techniques as related to music history.

262 MUSIC AS A WORLD PHENOMENON
CCP MUS2212 MUSIC AS A WORLD PHENOMENON (DIVG) (KFA) - College Credit Plus

Prerequisite:	CCP Requirements
Length:	Semester 2
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This is an introduction to music as a world phenomenon. Study will include selected art, folk and popular music from world cultures through live performances, tapes, films, video tapes and readings.

JSA280 ENSEMBLE THEATRE
JSA281 ENSEMBLE THEATRE

Prerequisite:	Enrolled in JSA
Length:	Semester
Grade Level:	JSA 9
Credit:	1/2 credit

In this semester-long course, students are introduced to ensemble rehearsal and performance techniques, with an emphasis on preparation, focus, active listening, responding, and spatial awareness. Students explore the body as a communication tool and explore movement exercises and improvisation techniques. Students will work on building a cohesive ensemble by practicing various group acting techniques and exercises to expand skills in a rehearsal or theatrical performance. Students integrate cultural and historical contexts with personal experiences to create a group project. Students collaborate as a creative team to discover artistic solutions and make interpretive choices in a theatre work. Basic technical theatre, theatrical history, and theory will also be introduced.

JSA282 AUDITION TECHNIQUE AND PORTFOLIO
JSA283 AUDITION TECHNIQUE AND PORTFOLIO

Prerequisite:	Enrolled in JSA
Length:	Semester
Grade:	JSA 10, 11, 12
Credit:	1/2 credit

This performance course will develop and craft your audition skills for theatre, television, and film. Students will be taught how to select and perform monologues, develop cold reading techniques and experience exercises in auditions, callbacks, and screen tests. Students will build an audition portfolio, create self-tape videos, and a resume.

JSA285 ACTING THROUGH SCRIPT ANALYSIS

Prerequisite:	Enrolled in JSA
Length:	Year
Grade Level:	JSA 10, 11, 12
Credit:	1 credit

Throughout this course, students will study various acting and directing techniques/theories in order to apply them in performance. Students will study and prepare performance pieces in comedic, dramatic, and musical theatre. Students will study theatrical history and dramaturgy as a method for understanding content and character development in a theatrical work. Students will research major theatrical genres and influences, break down a script into objectives, obstacles, and tactics.

JSA284 PERFORMANCE WORKSHOP

Prerequisite:	Acting Through Script Analysis (formerly Dramatic Literature)
Length:	Year
Grade Level:	JSA 11, 12
Credit:	1 credit
Note:	Student can take this course only once

In this course students will create live theatre. Students will focus on devising theatre. This method of theatre creation focuses on developing a script through physical work formed through collaboration, improvisation and performing as an ensemble. In addition to collaborative work, students will complete other individual writing assignments including creating original monologues, scenes, and characters. Each student will be required to complete an integral role in a JHS production to be determined by the instructor which may require an audition. Students will keep online production journals of their work and present a portfolio of work.

JSA301 THEATRE DESIGN, TECHNOLOGY AND PRODUCTION

Prerequisite:	Enrolled in JSA
Length:	Year
Grade Level:	JSA 10, 11, 12
Credit:	1 credit

This course introduces the student to theater technology and stage design. From conception to opening night, the student investigates the roles of the producer, director, designer, stage manager, and technician. Students will study all areas of theatrical production, including costuming, lighting, sound, set design, scenic painting, dramaturgy, directing, and makeup. Projects will include building the musical/play sets, projection mapping, model-making, costume rendering, and computer-controlled light and sound effects. Students will be expected to work on at least one JHS theatrical production with a minimum of 30 hours of school production time.

JSA286 JSA DANCE 1

Prerequisite:	Enrolled in JSA
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course is designed for students interested in the development of dance. JSA Dance 1 will survey and explore the genres of ballet, jazz, and tap. The semester-long course will begin with exposure to performance skills inside and outside of the classroom. This is a performance laboratory with exercises designed to stretch the body and the imagination. The study of dance history and theory will be analyzed through projects, performance, and written assessments. Students will learn to gain body awareness, strength, flexibility, coordination, and musicality. Various techniques will be investigated and artistic expression and individual style will be encouraged. Students will learn to pick up, retain, and execute movement quickly. All students will be given the opportunity to perform in an annual JSA Dance Showcase and All District Extravaganza. **Students will be required to purchase specific dance attire and shoes for all dance classes prior to the start of school. After completing Dance 1, students are placed in a dance class based on daily reflection of skill set and work ethic.**

JSA294 MUSICAL THEATRE MOVEMENT
JSA295 MUSICAL THEATRE MOVEMENT

Prerequisite:	Enrolled in JSA
Length:	Semester
Grade Level:	10, 11, 12
Credit:	1/2 credit

This is an introductory course which will be beneficial to beginners and experienced performers. Students will explore the process of creating a character through collaboration and improvisation, learning skills that will help them appreciate the art of acting and movement. The integrative nature of theater will be experienced through

jazz and tap technique and the collaboration of JHS annual musical choreography. Students will find this hands-on course both fun and challenging as they build self-confidence and develop their own personal strengths within performing. This course does not require a public performance, as all assignments are done within the classroom. After completing Musical Theatre Movement, students will be recommended for JSA Dance 2, 3, or Advanced depending on daily reflection of skill set and work ethic.

JSA288 JSA DANCE 2

Prerequisite:	JSA Dance 1, Musical Theatre Movement, or dance recommendation
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

Students will study ballet, jazz, tap, and modern dance with an emphasis in modern. Students will also learn the fundamentals of choreography through an introduction of composition. The study of dance history and theory will be analyzed through projects, performance, and written assessments. Students will be evaluated by quarterly performance assessments to identify their growth in each genre. Dance 2 students are required to participate in the Winter Celebration, Arts Extravaganza, and JSA Showcase**. Students will be required to purchase specific dance attire and shoes for all dance classes prior to the start of school.**

JSA289 JSA DANCE 3

Prerequisite:	JSA Dance 2 and/or dance recommendation
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

This course is designed to provide JSA students with a more dance focused curriculum. Students will study ballet, tap, jazz, and modern technique with an emphasis on jazz and composition. Students will be evaluated by quarterly performance assessments to identify their growth in each genre. Dance 3 students are required to participate in the Winter Celebration, Arts Extravaganza and JSA Showcase**. Students will be required to purchase specific dance attire and shoes for all dance classes prior to the start of school.**

JSA290 JSA ADVANCED DANCE
JSA291 JSA ADVANCED DANCE
JSA292 JSA ADVANCED DANCE

Prerequisite:	JSA Dance 2 and/or recommendation
Length:	Year
Grade Level:	JSA290 – 10 JSA291 – 11 JSA292 – 12
Credit:	1 credit

This course is designed to provide students with an intense dance curriculum. Daily, students will study ballet, tap, jazz, contemporary, and modern dance at an advanced level, learn the art of choreography and practice the technique of auditioning. Students will also act as rehearsal directors and teacher assistants. A Choreographers Workshop, in which each student sets his or her own choreographed show, will be the major project. Students will be evaluated by quarterly performance assessments to identify their growth in each genre. Advanced Dance students are required to participate in the Winter Celebration, Arts Extravaganza, JSA Showcase**,** and community performances, as well as attend live performances and write critiques for each. All Advanced JSA Dance students will have the opportunity to audition for the JHS dance team, Edge, as an extracurricular. **Students will be required to purchase specific dance attire and shoes for all dance classes prior to the start of school.**

JSA296 JSA JUNIOR SEMINAR

Prerequisite:	JSA
Length:	Year
Grade Level:	11
Credit:	No credit

Junior Seminar is required of all juniors in the JSA program. The seminar meets one-two times per month. During junior class meetings, students will meet with professionals from areas of the arts, the business world, and colleges as well as JSA staff to discuss college and career opportunities. In addition, JSA juniors will each create a website which will be added to their letters of recommendation for college. Junior Seminar students will outline a capstone study for their senior year.

JSA297 JSA SENIOR SEMINAR

Prerequisite:	JSA Program
Length:	Year
Grade Level:	12
Credit:	1 credit

JSA Senior Seminar/Senior Capstone Project is the culmination of each student's academic and arts experience in the Jackson School for the Arts. Completion of this course is required to earn the Jackson School for the Arts endorsement on the high school diploma. Students will complete the 20Time Project. The goal of the 20Time project is to meld community service with a research-based project in which the student, as a stakeholder, is uniquely and creatively interested. This is a genuine way for seniors to merge their interests, passions, and curiosities with their academic goals. The 20Time project consists of a portfolio including a proposal, driving question, resume, cover letter, research paper, reflective essay and a tangible product, and culminates with a TED Talk Ignite presentation in mid-March. JSA senior students must account for capstone checkpoints in individual meetings with the director as well as seminar sessions. Students must also account for 80 JSA arts experience hours (accumulated throughout four years in the academy). The JSA hours are a combination of community service and active participation at JSA events. **Participation in Senior Seminar and an upper level arts course in the student's area of focus are required to complete the senior level JSA curriculum.**

HEALTH AND PHYSICAL EDUCATION

PHYSICAL EDUCATION WAIVER

Students at Jackson High School will have the opportunity to have their required Physical Education classes waived by participating in any of the following extracurricular activities at Jackson High School:

- Any JLSD Board approved athletic program offered at Jackson High School
- Jackson High School Marching Band
- Jackson High School Cheerleading Squad

Students who choose to take part in an athletic program, cheerleading, or marching band will have their hours verified by the staff member responsible for that activity. These students must also be involved from the beginning of the season until the very end of the season. Any student who is removed or quits a program during the season will not receive the waiver.

A student must participate for two full seasons to earn the Physical Education waiver. The two season requirement to meet the waiver may be made up of any combination of athletics, marching band or cheerleading.

All Jackson High School students must take 1/2 credit of Physical Education and 1/2 credit of Health to fulfill the graduation requirement. Most students fulfill half of the physical education requirement by taking the Physical Education-Lifelong Fitness course in their freshman or sophomore year; however any of the Physical Education credits can be taken any time during the four years of high school. The remaining half of the physical education requirement can be completed by taking one of the three Physical Education elective classes.

Note: The summer school Physical Education elective may only be used to fulfill .25 of the physical education credit.

350 HEALTH

Prerequisite:	None
Length:	Semester
Grade Level:	9 or as needed
Credit:	1/2 credit

Health education is recommended for all students during their freshman year of high school and they are encouraged to complete the course prior to completing their sophomore year. Instruction and discussion is provided in this course to promote personal health. Individual units of instruction include: Body Systems, Nutrition & Physical Activity, Communicable & Non-communicable Diseases, Illegal Drugs, Reproduction & Childbirth, and Relationships. **CPR/AED instruction and information on organ, eye, and tissue donation will also be provided**. Students will learn about the controllable and uncontrollable aspects of health and how to go through the decision making process to improve current health status and health in the future. Students will be asked to keep a notebook as well as complete individual and group projects.

357 HEALTH

Prerequisite:	Placement by referral only
Length:	Year
Grade Level:	9 or as needed
Credit:	1/2 credit

This course will expose students to materials, learning opportunities, and efforts to improve their personal health. Students will learn how to handle feelings, solve problems, and set goals. They will learn how to take care of their bodies and how to avoid harmful behaviors.

354 SPORTS LEADERSHIP

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course provides a high school student with a general overview of the key components that athletes work to improve and/or overcome in order to achieve success in his/her sport. It includes introductory information about the following sports topics: psychology, careers, roadblocks, injuries, performance enhancing substances, nutrition, strength and conditioning, and more. The course is intended to help students gain an understanding of what it means to be an athlete. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

360 PHYSICAL EDUCATION

Prerequisite:	None
Length:	Semester
Grade level:	9, 10, 11, 12
Credit:	1/4 credit

This physical education course is designed to engage the student in multiple activities that can be incorporated into a healthy lifestyle beyond high school. This course will expand the student's knowledge of strategies and techniques, as well as provide increased opportunity to improve skill proficiency in net/wall games, invasion games, fielding and striking games, and adventure/outdoor activities. Emphasis will be placed on skill acquisition, teamwork, and fair play. Students will be exposed to technology used to measure intensity and amount of physical activity and they will be exposed to strength training, agility, and flexibility training specific to a variety of sports. Students will keep a portfolio which will include specific sport strategies and tactics, rules, and skills. The portfolio will also include physical activity logs, physical fitness assessments, individual fitness plans for muscular strength and endurance, aerobic training, and flexibility. Additionally, students will have opportunities to prepare meaningful activities for class sessions and gain introductory experience officiating a variety of games and activities. **This class may also require some out of class participation in activities or officiating. Students will be required to wear appropriate clothing and shoes for physical activity both inside and outdoors. This course DOES NOT count towards the academic requirement for athletic eligibility.**

355 BASKETBALL

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

Participation in this course promotes lifelong participation in the sport of basketball at all levels. Basketball class provides an opportunity for an in-depth study of advanced tactics/strategies and higher-level skills/mechanics. Students will also learn how to referee the game of basketball. Students enrolled in Basketball will research the history and evolution of the sport of basketball as well as learn rules, skills, fundamentals, and strategies. Lastly, students will learn how to keep statistics for the sport of basketball. Safety and sportsmanship will be emphasized. Activities include but are not limited to various offensive and defensive basketball drills, small-sided basketball games, and full-court 5 on 5 basketball games. Students taking this course will be required to dress in athletic clothing and shoes. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

368 STUDENT ATHLETIC TRAINING

Prerequisite:	None
Length:	Semester
Grade level:	9, 10, 11, 12
Credit:	1/2 credit

Students will be instructed in basic anatomy of muscles, bone, circulatory, and nervous systems. In addition, they will learn information on the physiological response to injuries (specifically athletic injury), and how to

evaluate, administer first aid, manage the prevention of injury, and how to rehabilitate the injury. Students will also be taught basic CPR and taping methods. This course will require some after school practice and/or game coverage along with a school athletic trainer. **There is an approximate fee of $15.00. This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

370 STRENGTH AND CONDITIONING
371 STRENGTH AND CONDITIONING

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/4 Credit

This course is designed to give students the opportunity to learn weight training concepts and techniques used for obtaining optimal physical fitness. Students will benefit from comprehensive weight training and cardiorespiratory endurance activities. Students will learn the basic fundamentals of weight training, strength training, aerobic training, nutrition, fitness training, and conditioning. This course includes lecture, written work, periodic research, physical assessments, and activity sessions. Students will be empowered to make wise choices, meet challenges, and develop positive behaviors in fitness, wellness, and movement activity for a lifetime. **This course DOES NOT count towards the academic requirement for athletic eligibility.**

390 FALL SPORTS OFFICIATING 1

Prerequisite: None
Length: Semester 1
Grade Level: 9, 10, 11, 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This class will offer the opportunity to officiate in youth flag football and basketball games. Students will also learn how to run the scoreboard for basketball, volleyball, and football; keep a scorebook for basketball; run the chains for football; and be a line judge for volleyball. This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and achieve gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **The purchase of a black "Fox 40" whistle is required. This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

391 SPRING SPORTS OFFICIATING 1

Prerequisite: None
Length: Semester 2
Grade Level: 9, 10, 11, 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth basketball, baseball, and softball. Students will also learn how to run the scoreboard for basketball and wrestling, keep a scorebook for baseball and softball, and be time runners for middle school/high school track and field. This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and achieve gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **The purchase of a black "Fox 40" whistle is required. This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

392 FALL SPORTS OFFICIATING 2

Prerequisite: Fall Sports Officiating 1
Length: Semester 1
Grade Level: 9, 10, 11, 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This class will offer the opportunity to officiate in youth flag football and basketball games. Students will also learn how to run the scoreboard for basketball, volleyball, and football; keep a scorebook for basketball; run the chains for football; and be a line judge for volleyball. This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and achieve gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **The purchase of an officiating shirt is required. This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

393 SPRING SPORTS OFFICIATING 2

Prerequisite: Spring Sports Officiating 1
Length: Semester 2
Grade Level: 9, 10, 11, 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth basketball, baseball, and softball. Students will also learn how to run the scoreboard for basketball and wrestling, keep a scorebook for baseball and softball, and be time runners for middle school/high school track and field. This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and achieve gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **The purchase of an officiating shirt is required. This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation.**

394 FALL SPORTS OFFICIATING 3

Prerequisite: Fall Sports Officiating 1&2
Length: Semester 1
Grade Level: 11,12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth flag football and basketball games. Students will also learn how to run the scoreboard (basketball, volleyball, and football), keep a scorebook (basketball), run the chains + scoreboard (football), and be a line judge (volleyball). This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation. Student must get OHSAA certified in one sport and officiate 5 sporting events.**

395 SPRING SPORTS OFFICIATING 3

Prerequisite: Spring Sports Officiating 1&2
Length: Semester 2
Grade Level: 11,12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth basketball, baseball, and softball. Students will also learn how to run the scoreboard (basketball and wrestling), keep a scorebook (baseball and softball), and time runners (middle school/high school track). This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation. Student must get OHSAA certified in one sport and officiate 5 sporting events.**

396 FALL SPORTS OFFICIATING 4

Prerequisite: Fall Sports Officiating 3
Length: Semester 1
Grade Level: 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth flag football and basketball games. Students will also learn how to run the scoreboard (basketball, volleyball, and football), keep a scorebook (basketball), run the chains + scoreboard (football), and be a line judge (volleyball). This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation. Student must get OHSAA certified in one sport and officiate 10 sporting events.**

397 SPRING SPORTS OFFICIATING 4

Prerequisite: Spring Sports Officiating 3
Length: Semester 2
Grade Level: 12
Credit: 1/2 Credit (elective)

Students must have a background in athletics or the passion to become more familiar with athletics and how supporting organized team sport competitions can contribute to individual and community health. This course is a study of sports officiating while learning the rules, mechanics, and fundamentals of sports. This class will offer the opportunity to officiate in youth basketball, baseball, and softball. Students will also learn how to run the scoreboard (basketball and wrestling), keep a scorebook (baseball and softball), and time runners (middle school/high school track). This class will focus on the skills necessary to become a sports official, with the opportunity to make up to $10-30 an hour and gainful/supplementary employment for a lifetime. Students may take additional courses in order to get certified by the OHSAA. **This elective course may not be used to replace the Health graduation requirement, and it does not fulfill the Physical Education requirement for graduation. Student must get OHSAA certified in one sport and officiate 10 sporting events.**

MATHEMATICS COURSE CHART

8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
Algebra 1	Accelerated Geometry	Accelerated Algebra 2	Pre Calculus	Pre Calculus
	Geometry	Algebra 2	AP Pre Calculus	AP Pre Calculus
			College Math Prep	College Math Prep
			Mathematics Modeling and Reasoning	Mathematics Modeling and Reasoning
			CCP Trigonometry	AP Calculus
			CCP College Algebra	AP Statistics
			AP Statistics	CCP Statistics
			CCP Statistics	CCP College Algebra
				CCP Trigonometry
				CCP Analytic Geom-Calc I
8th Grade Math	Algebra 1	Geometry	Algebra 2	Pre Calculus
				AP Pre Calculus
				CCP College Algebra
				CCP Trigonometry
				College Math Prep
				Mathematics Modeling and Reasoning
				CCP Statistics
				AP Statistics
			Algebra 2 A	Algebra 2 B

MATHEMATICS

Calculator Requirements for All Mathematics Classes at JHS:

All JHS mathematics courses require students to use a TI-84 Plus CE (color enhanced) calculator. This calculator costs approximately $115. Each student should acquire the calculator and have it for use in class by the first day of school. This calculator will be used for all four years of required mathematics courses taken at Jackson High School and may be used on state required end-of-course tests in Algebra 1 and Geometry, and national tests such as the ACT, PSAT, SAT, etc. Students who currently possess an older TI-84 (non-CE model) calculator may continue to use that model, however they will not benefit from the color options, enhanced resolution and features available on the newest TI-84 Plus CE model.

610 ALGEBRA 1

Prerequisite:	8th Grade Math
Length:	Year
Grade Level:	9
Credit:	1 credit

Algebra 1 is organized around families of functions, with special emphasis on linear and quadratic functions. Students will learn to model real-world situations using functions in order to solve problems arising from those situations. Algebra 1 also includes problems from probability, data analysis, and geometry. Standardized test practice is incorporated to help prepare students for Ohio's new learning standards. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

620 GEOMETRY

Prerequisite:	Algebra 1
Length:	Year
Grade Level:	9, 10
Credit:	1 credit

The content of Geometry is organized around topics such as congruence and similarity, and applying properties of lines, triangles, quadrilaterals and circles. Students will develop problem solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems. In addition, students will solve problems utilizing algebra, data analysis and probability. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

623 ACCELERATED GEOMETRY

Prerequisite:	Grade 8 Algebra 1 and teacher recommendation
Length:	Year
Grade Level:	9
Credit:	1 credit

This course is intended for accelerated students who complete the Algebra 1 course by the 8th grade. This course is more rigorous than Geometry and includes more in-depth problem solving. The content of Accelerated Geometry is organized around topics such as congruence and similarity, and applying properties of lines, triangles, quadrilaterals, and circles. Students will develop problem solving skills by using length, perimeter, area, circumference, surface area, and volume to solve real-world problems. In addition, students will solve problems utilizing algebra, data analysis, and probability. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

630 ALGEBRA 2

Prerequisite:	Geometry
Length:	Year
Grade Level:	10, 11
Credit:	1 credit

The content of Algebra 2 is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational. In addition, Algebra 2 includes lessons on probability, data analysis, geometry, and trigonometry. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

633 ACCELERATED ALGEBRA 2

Prerequisite:	Accelerated Geometry and teacher recommendation
Length:	Year
Grade Level:	10
Credit:	1 credit

This course is intended for accelerated students who complete the Accelerated Geometry course. This course moves at a faster pace, is more in-depth, and has greater demands than 630 Algebra 2. The content of

Accelerated Algebra 2 is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational. In addition, Accelerated Algebra 2 includes lessons on probability, data analysis, geometry, and trigonometry. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

635 ALGEBRA 2 A- Year 1 of 2
636 ALGEBRA 2 B- Year 2 of 2

Prerequisite:	Geometry and placement by referral only
Length:	Year
Grade Level:	11, 12
Credit:	1 credit each

This course sequence is available by teacher/counselor placement only. The first year of this course will reinforce Algebra and other foundational math skills while addressing Algebra 2 content. The second year of this course will address Algebra 2 topics in more depth as prescribed by the Ohio mathematics content standards. The content of Algebra 2 is organized around families of functions, including linear, quadratic, exponential, logarithmic, radical, and rational. In addition, Algebra 2 includes lessons on probability, data analysis, geometry, and trigonometry. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

638 MATHEMATICS MODELING AND REASONING

Prerequisite:	Algebra 1 and Geometry
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

Critical thinking and reasoning are the primary objectives and outcomes of this advanced quantitative reasoning course. It includes the application of mathematical skills including algebraic methods to the analysis and interpretation of quantitative information (numbers in context) in real-world situations to make decisions that are relevant to daily life. Additionally, the course emphasizes interpretation, precision, representation, calculation, analysis/synthesis, use of assumptions and communication through student presentations and writing. Students work in groups to combine problem solving with modeling to analyze real-life situations and devise solution strategies. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful post-secondary education and a variety of careers. Classroom participation is an important part of this course and will be a part of a student's course grade. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

CCP MTH125 COLLEGE ALGEBRA (Semester 1)

Prerequisite:	Algebra 2 or Accelerated Algebra 2 and CCP Requirements
Length:	Semester
Credit:	1 credit 4 OTM (Ohio Transfer Module) college credits possible

In this course, students will study linear, quadratic and absolute value equations and inequalities by applying analytical, graphical, and numerical methods of solution. Elementary functions and non-functions will be examined with reference to extremes, roots (zeros) and end-behavior of their respective graphs. Theory of equations including the Remainder and Factor Theorems, The Rational Root Theorem, and Descartes' Rule of Signs will be used for non-graphical analysis of polynomial functions of degree n. The student will also study exponential and logarithmic functions and the conic sections including their graphs and applications. Systems of equations will be solved by traditional algebraic methods as well as by the application of matrix algebra including determinants. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115***

648 AP STATISTICS

Prerequisite:	Pre-Calculus or taking Pre-Calculus concurrently and teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course will follow the AP Statistics syllabus provided by the College Board. This course will include exploring data by describing patterns and departures from patterns, planning, and conducting studies to include statistical inferences, exploring random phenomena using probability and simulation, and estimating population parameters and testing hypotheses. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

CCP MTH124 STATISTICS (Semester 1)
CCP MTH124 STATISTICS (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This course introduces the student to statistical thinking and the use of statistical methods for gathering and analyzing data. The focus is on graphical, tabular, and numerical methods for summarizing distributions. Fundamental concepts of probability are introduced as well as the concepts of discrete (binomial) and continuous (normal) probability distributions and their importance to inferential statistics. Point estimates and interval estimates of population means and standard deviations are obtained stressing the importance of random sampling. Hypothesis testing of one and two sample means and proportions is used for statistical inference along with the F-Test, Chi-Square, and ANOVA. Least squares regression and analysis for linear correlation is computed manually or with a statistical package such as SPSS, SAS, Minitab or Excel.

650 PRE-CALCULUS

Prerequisite:	Algebra 2 and teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course provides the opportunity for students to analyze the twelve basic functions along with their transformations and applications. Additional topics will include: right triangle trigonometry, trigonometric ratios, trigonometric identities and formulas, matrices, discrete mathematics, and conic sections. In addition, students work with the algebraic manipulation they will need in future courses. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.*** **There will be a fee for an online software subscription of approximately $16.**

656 COLLEGE MATH PREP

Prerequisite:	Algebra 2 and teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course is recommended for any college-bound student needing a course beyond Algebra 2. Topics studied will include: numbers and algebra, probability, functions, geometry, trigonometry, and statistics. These topics will be studied at advanced levels to provide students with a sound mathematical background for their future. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

CCP MTH130 TRIGONOMETRY (Semester 2)

Prerequisite:	CCPMTH125
Length:	Semester
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This course include the study of angles and degree measure; radian measure; arc length and area; angular and linear velocity; trigonometric functions; right angle trigonometry; trigonometric identities and reference angles; unit circle and graphing; general sine wave; graph of tangent function; inverse trigonometric functions; basic sine, cosine and tangent equations; multiple angle equations; vectors and their applications; oblique triangles and their applications; polar coordinates and complex numbers. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

664 AP PRECALCULUS

Prerequisite:	Accelerated Algebra 2 or Algebra 2 and teacher recommendation
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

This course will follow the Precalculus syllabus provided by the College Board. AP Precalculus is for students seeking a rigorous course following the completion of Algebra 2. It prepares students for calculus and prepares students to succeed in both STEM and non-STEM majors. The topics for study include polynomial functions, rational functions, exponential and logarithmic functions, trigonometric functions, and polar functions. Modeling is a key feature of the course as students apply function models to data sets, with emphasis on understanding a dynamic world. AP Precalculus can fulfill a math requirement at a diverse range of colleges and universities, including the majority of public institutions. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

660 AP CALCULUS AB

Prerequisite:	Pre-Calculus and teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course will follow the Calculus AB syllabus provided by the College Board. This course will include the differentiation of functions and the practical application thereof. A lesser amount of time will be spent on integration and its applications. Per AP guidelines, a student may not take AP Calculus AB after completing AP Calculus BC. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.*** **There will be a fee for an online software subscription of approximately $16.**

663 AP CALCULUS BC

Prerequisite:	Pre-Calculus and teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course will follow the Calculus BC syllabus provided by the College Board. This course will include the same objectives as the AB level course, but will include additional topics such as differential equations, sequences and series, Taylor polynomials, and analysis of polar and parametric functions. Per AP guidelines, a student may not take AP Calculus AB after completing AP Calculus BC. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.*** **There will be a fee for an online software subscription of approximately $16.**

CCP MTH223A ANALYTIC GEOMETRY-CALCULUS I A
CCP MTH223B ANALYTIC GEOMETRY-CALCULUS I B

Prerequisite:	CCPMTH130
Length:	Year
Credit:	1 credit (must register for both courses) 4 OTM (Ohio Transfer Module) college credits possible

In CCPMTH223A students will develop mathematical thinking and communication skills and learn to apply precise logical thinking to the study of analytic geometry, limits, continuity, derivatives, tangent and normal lines, derivatives of trigonometric functions and related rates. A graphing utility will be used to reinforce and extend concepts and for numerical methods such as the value of a derivative at a given point. Students will progress from a procedural/computational understanding of mathematics to a broader understanding encompassing logical reasoning, generalization, abstraction, and formal proof.

In CCPMTH223B students will continue to develop mathematical thinking and communication skills. They will learn to apply precise logical thinking to the study of functions, Newton's method, Rolle's theorem, mean value theorem, extreme of functions, antiderivatives, definite integrals, indefinite integrals, areas and volumes. Key ideas and concepts will be presented from a variety of perspectives with a broad range of examples and applications. A graphing utility will be used to reinforce and extend concepts and for numerical methods such as the Trapezoidal Rule and Simpson's Rule for integration. Students will progress from a procedural/computational understanding of mathematics to a broader understanding encompassing logical reasoning, generalization, abstraction, and formal proof. ***A TI-84 Plus CE graphing calculator is required for this course costing approximately $115.***

682 MATH 1	Prerequisite:	Placement by referral only
684 MATH 2	Length:	Year
686 MATH 3	Grade Level:	9, 10, 11, 12
688 MATH 4	Credit:	1 credit

This course is designed to develop skills in the four basic math functions and improve number sense and thinking skills. These skills are then applied to real-life problem-solving dealing with fractions, decimals, money skills, and percentages. Consumer applications, algebra, and geometry concepts will also be explored.

690 MATH APPLICATIONS 1	Prerequisite:	Placement by referral only
691 MATH APPLICATIONS 2	Length:	Year
692 MATH APPLICATIONS 3	Grade Level:	9, 10, 11, 12
693 MATH APPLICATIONS 4	Credit:	1 credit

This course is designed to introduce and develop mastery skills in the areas of basic computational and practical math skills. Time concepts, measurements, banking, budgeting, money handling, and comparative shopping will be areas taught and practiced. Through community-based experiences, students will be expected to apply skills across settings. Students will learn how to use appropriate tools to aid in math computations (calculators, visual cues, tip charts, etc.)

MISCELLANEOUS

CCP PHL122 ETHICS (Semester 1)
CCP PHL122 ETHICS (Semester 2)

Prerequisite: CCP Requirements
Length: Semester
Credit: 1 credit
3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course uses historical and contemporary theories to examine the role and application of ethics to a variety of personal and professional modern-day situations

CCP IDS115 COLLEGE AND CAREER SUCCESS SKILLS (Semester 1)
CCP IDS115 COLLEGE AND CAREER SUCCESS SKILLS (Semester 2)

Prerequisite: CCP requirements
Length: Semester
Credit: 1 credit
3 OTM (Ohio Transfer Module) college credits possible

This course is designed to aid students in gaining success skills needed for constructive and efficient learning both in college and other life settings. Topics include punctuality and discipline, study and test-taking skills, critical thinking/problem solving, library use, and a variety of techniques in oral and written communication. Other workplace topics such as reliability, teamwork and collaboration, creativity/innovation, leadership, professionalism, techniques to demonstrate a commitment to being drug-free, and respect for global/intercultural awareness will be explored. Students will also self-advocate and articulate their strengths, knowledge, and experiences relevant to success in a job for post-secondary education.

CCP COM121 EFFECTIVE SPEAKING (Semester 1)
CCP COM121 EFFECTIVE SPEAKING (Semester 2)

Prerequisite: CCP Requirements
Length: Semester
Credit: 1 credit
3 TAG (Transfer Assurance Guide) college credits possible

This course is designed to introduce students to the process of researching, writing, and presenting speeches. Students will explore the basic theories and principles of oral communication and will write and deliver formal speeches throughout the course. Areas of concentration include researching, outlining, organizing, language, verbal and nonverbal delivery, critical listening, and persuasion. This course may not be counted as a high school Language Arts credit. An Adjunct Professor from Stark State will be the instructor for this class taught at Jackson High School.

CCP COM122 INTERPERSONAL COMMUNICATION (Semester 1)
CCP COM122 INTERPERSONAL COMMUNICATION (Semester 2)

Prerequisite: CCP Requirements
Length: Semester
Credit: 1 credit
3 TAG (Transfer Assurance Guide) college credits possible

This course examines the theory and application of interpersonal communication concepts and principles, emphasizing application toward becoming a more competent interpersonal communicator. Areas of study include perception, culture, listening, nonverbal communication, relationships, and conflict. This course may

not be counted as a high school Language Arts credit. An Adjunct Professor from Stark State will be the instructor for this class taught at Jackson High School.

864 DEBATE 1 & 2

Prerequisite:	Teacher recommendation, Parent Review of Course Packet including Application
Length:	Year
Grade Level :	9, 10, 11
Credit:	1 credit

This debate course is open to all students with a **3.25 GPA** and who are interested in interscholastic debate/forensic competition. Debate tournaments take place on Saturdays and some Fridays throughout the school year. Students will be introduced to the fundamentals of Policy, Lincoln-Douglas, Congressional, and Public Forum Debate. Topics include structured argumentation, critical analysis of debate resolutions, affirmative and negative case construction, research skill development, and formal speaking techniques. This is not simply a course that teaches you how to argue. Emphasis on critical thinking and formally structured, competition-based debate is the focus. This course is required for all first-year debaters and is recommended for hard-working, high-achieving students who meet the prerequisites and have a history of academic success in the classroom.

Students enrolled in these courses must understand they will be expected to be active members of the Jackson Speech and Debate Team. Students will be required to practice after school, research and write arguments, and must compete in a minimum of five tournaments which are held on the weekends during the months of November, December, and January. There may be schedule conflicts with winter sports. Speech and Debate is an activity that has a Pay to Participate fee. Students should be aware of the participation fee, after school practices, and Saturday commitments prior to enrolling in the course.

Students interested in **866 Debate 3** should contact the Forensics Director, 330-837-3501, extension 1204.

900 YEARBOOK

Prerequisite:	Application required
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

The purpose of this class is to produce a yearbook that captures the spirit of the student body and accurately documents the year's activities. Staff members hold the responsibility of selling ads, taking pictures, writing captions, and becoming familiar with software to complete page designs and layouts. Students must be available at least one period to be on the annual staff. Even though class time is allotted for work on the annual, some after-school work will be expected to meet deadlines and to take pictures for the book. **This course DOES NOT count towards the requirement for Athletic Eligibility.**

921 ENGLISH AS A SECOND LANGUAGE

Prerequisite:	Placement by referral only
Length:	As needed
Grade Level:	9, 10, 11, 12
Credit:	To be assigned

English as a Second Language (ESL) is provided for students who are Limited English Proficient (LEP). These are students who were not born in the United States or whose native language is a language other than English.

The ESL program provides instructional assistance in the area of language development. Reading, writing, speaking, and listening skills constitute the core components of the ESL program. Students are instructed in the skills at a level consistent with their English language proficiency, which is determined prior to beginning ESL instruction.

940 WORK STUDY LAB

Prerequisite:	Placement by referral only
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit for each 80 hours work

This lab course is designed to enhance the student's skills for becoming a productive employee. Students may be employed in the school or community setting. This will be in addition to completing his or her academic responsibilities. This course is intended to provide the students with skills necessary for success in the work force. Students will be evaluated regularly. Areas evaluated are attendance, job responsibilities, and attitudes.

961 VOCATIONAL EXPERIENCE

Prerequisite:	Placement by referral only
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

This course is intended to provide the students with job readiness skills and practical work experience. Students will also gain information on various types of career opportunities. They will be expected to participate in paid and unpaid on-the-job training within the school and community.

971 LIFE SKILLS

Prerequisite:	Placement by referral only
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

This course develops the critical life skills necessary for success at school, at home, and on the job. Content areas include: personal information skills, constructive leisure-time activities, reading for information, following directions, effective peer relationships, grocery shopping, cooking, banking, health and wellness, self-help skills, and money management. Through community-based experiences, students will be expected to apply skills across settings.

SCIENCE

Calculator Requirements for all Science Classes at JHS: Students are expected to bring the same calculator they use in their JHS math class to their JHS science class. JHS mathematics courses require students to use a TI-84 CE (color enhanced) calculator. This calculator will be used for all four years at Jackson High School and may be used on state required end-of-course tests and national tests such as the ACT, PSAT, SAT, etc. Please refer to the Mathematics section of the Program of Study for more details.

706 BIOLOGY

Prerequisite:	None
Length:	Year
Grade Level:	9
Credit:	1 credit

In this course, students will learn basic chemistry and biochemistry, cell structures and functions, basic and human genetics, biotechnology, environmental science basics, and cell processes such as cellular respiration, photosynthesis, cell transport, cell division, and protein synthesis. Lab work may include some dissections. **There will be a fee of approximately $10.00.**

JAG706 JAGS BIOLOGY

Prerequisite:	JAGS Application
Length:	Year
Grade Level:	9
Credit:	1 credit

In this course, students will learn biochemistry, cell structures and functions, basic and human genetics, biotechnology, environmental science basics, and cell processes such as cellular respiration, photosynthesis, cell transport, cell division, and protein synthesis. Lab work will include some dissections. Project based learning for global competence will be implemented through the incorporation of investigating the world, communicating ideas, recognizing perspectives and taking action. **There will be a fee of approximately $10.00.**

708 PHYSICAL SCIENCE

Prerequisite:	Biology
Length:	Year
Grade Level:	10
Credit:	1 credit

In this course, students will learn physics, chemistry, and earth and space science. Students will grow and develop their skills in using scientific models, problem solving, and critical thinking. Students will also have the opportunity to apply their knowledge of these scientific topics to lab activities and current events. This course will include: lab work, teacher demonstrations, lectures, out of class assignments, and special projects. Students are assessed through traditional exams and quizzes along with building of models to represent current course content. **There will be a fee of approximately $5.00.**

CCP BIO141 GENERAL BIOLOGY I (Semester 1)
CCP BIO141 GENERAL BIOLOGY I (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 4 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

This course explores general biological structures and processes experienced by all living things. Topics include: organization of life from sub cellular to systems homeostasis, how cells harvest energy and the fundamentals of molecular biology that drive genetic inheritance, evolution and population diversity.

Supporting laboratory aligns with lecture topics and includes: quantitative and qualitative analysis of biomolecules, observing plant and animal cell structure and function, basic genetic analysis and examination of population dynamics.

CCP BIO142 GENERAL BIOLOGY II (Semester 1)
CCP BIO142 GENERAL BIOLOGY II (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 4 TAG (Transfer Assurance Guide) and (OT36) Ohio Transfer college credits possible

This course explores general biological structures and processes experienced by all living organisms: plant and animal diversity, evolution, basic plant and animal systems, hormones, immunology, and ecology. Specific topics for this course include origins and biodiversity of life through an evolutionary survey of viruses, bacteria, plants and animals; the principles of biological classification; the identification and dynamics of biological ecosystems; and the design and reporting of biological research. The supporting laboratory aligns with lecture and topics include examination and dissection of representative organisms to show evolutionary progression; exploration of phylogenetic concepts and analysis; and evaluation of local ecosystems to identify population dynamics and the effects of pollution. Students will design, conduct, and report the results of a research experiment using the scientific method.

712 AP BIOLOGY

Prerequisite:	A or B in Biology and Chemistry
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

AP Biology is designed to be equivalent to a two-semester college introductory Biology course. This second-year Biology course is aimed at developing a deeper understanding of concepts such as: organic molecules and cells, heredity and DNA, evolution by natural selection, and ecological systems. The main goals of AP Biology are to help students develop a conceptual framework for modern biology, an appreciation of science as a process, and the ability to design and carry-out scientific investigations. This course is recommended for any student planning on majoring in biology or a related field. This course is 1.5 periods each day. **There will be a fee of approximately $35.00.**

CCP BIO126 SCIENCE, ENERGY AND THE ENVIRONMENT (Semester 1)
CCP BIO126 SCIENCE, ENERGY AND THE ENVIRONMENT (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit (OT36) Ohio Transfer college credits possible

Utilizing interdisciplinary and theme-based learning, this course examines major environmental and energy problems and evaluates possible solutions to those problems. Topics include biodiversity, human population growth, water, air, and soil pollution, and hazardous and solid wastes. Emphasis is placed on cooperative learning, analytical thinking and problem solving as students examine environmental issues. Laboratory and field experiences reinforce the basic ecological principles.

713 FORENSIC SCIENCE

Prerequisite:	Biology
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course will build on concepts from physics, chemistry, and biology as students will apply them to forensics. The course will deal with the application of other sciences to solve crimes and includes many hands-on labs, activities, readings, and projects that encourage students to look at a single issue or problem in great detail. Scientific process and analysis skills will be used to derive conclusions from data presented, to solve a particular problem. **There will be a fee of approximately $10.00.**

718 AP ENVIRONMENTAL SCIENCE

Prerequisite:	An A or B in Biology and Chemistry
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. **Students need a deep understanding of biology to be successful in this course. There will be a fee of approximately $10.00.**

720 MARINE BIOLOGY OF THE FLORIDA KEYS- Key Largo, Florida (offered every other year, in years where the second semester is an even year. Ex: 2023-2024, 2025-2026, 2027-2028…)

Prerequisite:	708 Physical Science with at least a C
Length:	Semester
Grade Level:	11, 12
Credit:	1 credit

This course is offered to juniors and seniors who are interested in learning more about the geology, seagrass ecology, and marine life of the Florida Keys. Students will learn about invasive species and human influences that have impacted the ecosystems of the Florida Keys as well as conservation efforts. Emphasis is placed on the various ecosystems of subtropical coral reefs (seagrass ecology, mangroves, tongue and groove reefs, the Florida Bay, microplastics, and diversity indexing), as well as classification and visual identification of its inhabitants. The course consists of 18, 3-hour Wednesday evening classes beginning in October and ending with a 5-6 day field experience to the Florida Keys in early March.

The cost for each student is approximately $1,800. This price is based upon the costs of transportation, food, and lodging for each student. The field experience is held at MarineLab, which provides students with a mask, snorkel, wetsuit, and fins for water activities. No extra equipment will be needed, unless the student is SCUBA certified and plans to dive at an additional cost. Needs-based scholarships are available for those that qualify, apply, and are selected by the scholarship committee.

Students are required to be able to swim one hundred meters nonstop. Snorkeling and free-diving instruction will be given during the field experience. Due to limited class size, admission will be based on applications.

Commitment: The student and parents/guardians acknowledge that participation in the Marine Biology program requires a financial commitment of approximately $1,800, as well as a significant time commitment. A **$600 deposit is due with the completed application,** $300 of which is **nonrefundable** if students are accepted into the program and **then drop the class later. NO REFUND of deposit** will be made if a student drops the class on or after the first class in October. If a student is not accepted into the program, the entire $600 deposit will be refunded. It should also be understood that if for any reason a student is removed from the program prior to or during our field experience for disciplinary or academic reasons, there will be no refunds of

the $1,800 PLUS any added expenses will be paid in full by the student's parents/guardians. Questions should be directed to the instructors of the course.

720 MARINE BIOLOGY OF THE BAHAMAS- Andros Island (offered every other year, in years where the second semester is an odd year. Ex: 2024-2025, 2026-2027, 2028-2029…)

Prerequisite:	708 Physical Science with at least a C
Length:	Semester
Grade Level:	11, 12
Credit:	1 credit

This course is offered to juniors and seniors who are interested in learning more about the geology, blue holes, culture, ecology, botany, and marine life of the Bahamas. Students will learn about the culture of the Bahamas and develop an understanding of daily life in a different country. Students will learn about species that are specific to the Bahamas and its surrounding ocean. Emphasis is placed on the various ecosystems of subtropical coral reefs (mangroves, patch reef, fringing reef, barrier reef, blue holes, tidal zones, and open ocean), as well as classification and visual identification of its inhabitants. The course consists of 18, 3-hour Wednesday evening classes beginning in October and ending with a week-long field experience to Andros Island, Bahamas in early March.

The cost for each student is approximately $2,400. This price is based upon the costs of transportation, food, and lodging for each student. The field experience is held at Forfar Field Station, Andros Island, Bahamas. Students will need to provide their own gear, including a mask, snorkel, wetsuit, and fins for water activities. Students will also need a passport that is current and will still be current 6 months after the last day in the Bahamas. If students are SCUBA certified and intend to dive, they will need to rent diving equipment on the island, and there will be an additional cost per dive. Needs-based scholarships are available for those that qualify, apply, and are selected by the scholarship committee.

Students are required to be able to swim one hundred meters nonstop. Snorkeling and free-diving instruction will be given prior to the field experience. Due to limited class size, admission will be based on applications. Questions should be directed to the instructors of the course.

Commitment: The student and parents/guardians acknowledge that participation in the Marine Biology program requires a financial commitment of approximately $2,400, as well as a significant time commitment. A **$600 deposit is due with the completed application,** $300 of which is **nonrefundable** if students are accepted into the program and **then drop the class later. NO REFUND of deposit** will be made if a student drops the class on or after the first class in October. If a student is not accepted into the program, the entire $600 deposit will be refunded. It should also be understood that if for any reason a student is removed from the program prior to or during our field experience for disciplinary or academic reasons, there will be no refunds of the monies paid, PLUS any added expenses will be paid in full by the student's parents/guardians.

730 CHEMISTRY

Prerequisite:	Biology and Algebra I
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

Practical chemical principles and theories are developed in this course. These principles are built around topics such as the structure of matter, structure, and use of the Periodic Table, chemical bonding, writing and balancing chemical equations, stoichiometry and properties of gases, solutions and acids and bases. Experimental data from labs and activities is used to visualize and reinforce concepts discussed in this course. A firm foundation in the application of algebraic math principles is critical for this course. **There will be a fee of approximately $7.00.**

JAG730 JAGS CHEMISTRY

Prerequisite: JAGS Biology and Algebra I
Length: Year
Grade Level: 10
Credit: 1 credit

Practical chemical principles and theories are developed in this course. These principles are built around topics such as the structure of matter, structure and use of the Periodic Table, chemical bonding, writing and balancing chemical equations, stoichiometry and properties of gases, solutions and acids and bases. Experimental data from labs and activities is used to visualize and reinforce concepts discussed in this course. A firm foundation in the application of algebraic math principles is critical for this course.

In addition to course work, students will discover connections between course content by investigating the world, recognizing perspectives, communicating ideas, and taking action which will in turn develop a globally competent individual. **There will be a fee of approximately $7.00.**

735 AP CHEMISTRY

Prerequisite: A or B in Chemistry
Length: Year
Grade Level: 11, 12
Credit: 1 credit

This course is designed to be the equivalent of General Chemistry I and II courses usually taken during college. The content builds upon that which was learned in general chemistry and includes many new topics such as thermodynamics, electrochemistry, reaction kinetics, and equilibrium through numerous laboratory practices. This course is demanding and only those students who are willing to devote at least one hour of study time each day outside the classroom should consider taking this course. This course is 1.5 periods each day. A strong math background is recommended. This course is beneficial for students planning to study any science or medicine field in college. **There is a summer assignment. There will be a fee of approximately $10.00.**

740 ANATOMY & PHYSIOLOGY

Prerequisite: A or B in both year-long Biology and Chemistry or Physics
Length: Year
Grade Level: 11, 12
Credit: 1 credit

This upper-level, college-prep science course allows students to develop an understanding of the anatomy of the human body and the major physiological and chemical processes. Course goals include: identification of cells, tissues, and organs; identification of structure, function, and location of muscles and bones; in-depth studies of cardiovascular, nervous, digestive, endocrine, lymphatic, respiratory, sensory, integumentary, and urinary systems. To gain an understanding of various systems, dissection is a part of this course. Anatomy and Physiology is recommended for students seeking a future in a 4-year nursing, medical, health science, or related fields. This course is fast-paced and rigorous. **There will be a fee of approximately $15.00.**

746A ORGANIC CHEMISTRY

Prerequisite: AP Chemistry
Length: Semester 1
Grade Level: 12
Credit: 1/2 credit

This semester course will study the naming, reactions, mechanisms, stereochemistry, and properties of organic compounds. Students will complete organic chemistry labs that complement the content of the course. This course is recommended to those students who plan to enter chemistry-related fields such as medical, chemical engineering, or pharmacy. **There will be a fee of approximately $10.00.**

747A MATERIALS CHEMISTRY

Prerequisite: AP Chemistry
Length: Semester 2
Grade Level: 12
Credit: 1/2 credit

This semester course is focused on the study of polymers, metals, ceramics, glass, and other materials. It focuses on physical and chemical properties of these materials and relates their molecular behavior to their application as a material. Students will complete many labs, hold discussions, and apply what they are learning through hands-on projects. This course is recommended for anyone going into a chemistry or engineering-based fields. **There will be a fee of approximately $25.00.**

748 AP PHYSICS 1 (APP1)

Prerequisite: A or B in previous science course**,** A or B in previous math, taking or have taken Algebra 2 recommended
Length: Year
Credit: 1 credit

This rigorous course is equivalent to a first semester college physics course for students proficient in the Algebra 2 curriculum. It develops student understanding of the main principles of physics, and application of critical thinking skills in the physics lab. This course is recommended for any student planning on majoring in a science related field in college. The successful AP Physics 1 student must be well organized, demonstrate excellent time management, and be mature enough to handle the adversity that comes with the challenging content of an inquiry-based science course. Students will take the AP Physics 1 exam in May, with an opportunity to accelerate their college pathway in science. **There will be a fee of approximately $10.00.** This course is 1.5 periods each day.
(Per AP guidelines, a student may not take AP Physics I after completing AP Physics C: Mechanics.)

750 PHYSICS

Prerequisite: Geometry (not concurrently)
Length: Year
Grade Level: 10, 11, 12
Credit: 1 credit

This course addresses the concepts of classical physics. Knowledge of algebra and basic trigonometry are highly recommended for the course. This first-year physics course is aimed at developing a thorough understanding of important physical principles such as dimensional motion, forces, work, energy, power, torque, waves, sound, electricity, and magnetism. Knowledge of these principles allows students to explore through labs and student generated projects. Understanding of the basic principles involved and the ability to apply these principles in the solution of problems and projects are major goals of the course. **There will be a fee of approximately $10.00.**

751 AP PHYSICS C: MECHANICS (APPC)

Prerequisite: Physics or AP Physics 1 (APP1) strongly recommended
Length: Year
Credit: 1 credit

This course is equivalent to a first semester college physics course for students proficient in Calculus. A student taking this course should have a familiarity with derivatives and antiderivatives, as well as writing them in differential equation form. It is aimed at developing a deeper understanding of the main principles and applications of physics for students that have already completed a mechanics course (AP Physics 1 or general Physics). This course is recommended for any student specifically planning on majoring in physics or engineering in college. This course also provides students with fun and challenging project-based learning opportunities for students with an interest in engineering. The successful AP Physics C student must be well organized, demonstrate excellent time management, and be mature enough to handle the adversity that comes

with the challenging content of an inquiry-based science course, as well as working on group projects with other students. Students will take the AP Physics C: Mechanics exam in May, with an opportunity to accelerate their college pathway in science. Students are recommended to be concurrently taking Analytical Geometry or AP Calculus, or have already completed this course with an A or B as their final grade. This course is one period each day. **There will be a fee of approximately $10.00.**

SOCIAL STUDIES

805 WORLD HISTORY

Prerequisite:	None
Length:	Year
Grade Level:	9
Credit:	1 credit

The major themes of world history are studied in a chronological sequence beginning with the Enlightenment Period to Modern Times. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government.

JSA805 JSA WORLD HISTORY

Prerequisite:	Application required
Length:	Year
Grade Level:	9
Credit:	1 credit

This is an arts enriched world history course that is student-centered and rigorous. Students are expected to think critically and advocate for their own learning. With an emphasis on technology, students will gain 21st century skills as they learn in a blended environment from many types of media. The course covers topics beginning in The Enlightenment era and continues through the modern age. The arts are analyzed and discussed as primary sources and woven throughout the day's lessons adding depth and critical inquiry to the course. JSA World History is project-based and hands-on. Students will be engaging with history and the arts through a series of simulations and research-enhanced projects, often with a cross-curricular component. In conjunction with a challenging course of study, guest speakers, artists in residence, field trips, film studies, and concerts help students gain a better appreciation of the world and the arts.

JAG806 JAGS WORLD HISTORY

Prerequisite:	Application required
Length:	Year
Grade Level:	9
Credit:	1 credit

The major themes of world history are studied in a chronological sequence beginning with the Enlightenment Period to Modern Times. As students study historic eras, they consider the influence of geographic settings, cultural perspectives, economic systems, and various forms of government. In addition, students will investigate the world and analyze contemporary global issues. A strong emphasis will be placed on drawing connections and making correlations between past events and the issues facing the present day.

810 AMERICAN HISTORY

Prerequisite:	World History
Length:	Year
Grade Level:	10
Credit:	1 credit

Students will begin with an overview of America's Industrial Age, focusing on social, political, and economic impacts. Next, students will trace the development of the United States as a world power, concentrating on territorial gains in the early 20th century, the decision to enter two world conflicts, and world policy during the Cold War. Additionally, students will analyze major domestic events including the "Roaring Twenties," Great Depression, and Civil Rights Movement. Classes will also explore themes such as People in Societies, Geography, Economics, Rights and Responsibilities of Citizens, and Social Studies Skills.

JAG810 JAGS AMERICAN HISTORY

Prerequisite: JAGS World History
Length: Year
Grade Level: 10
Credit: 1 credit

Students will begin with an overview of Reconstruction and America's Industrial Age, focusing on social, political, and economic impacts. Next, students will trace the development of the United States as a world power, concentrating on territorial gains in the early 20th century, the decision to enter two world conflicts, and world policy during the Cold War. Additionally, students will analyze major domestic events including the "Roaring Twenties," Great Depression, and Civil Rights Movement. Classes will also explore themes such as People in Societies, Geography, Economics, Rights and Responsibilities of Citizens, and Social Studies Skills. JAGS students will strive to develop 21st century work skills such as effective use of technology, critical and creative thinking, collaboration, and communication. Through the study of American History students will learn to recognize different perspectives in order to become a more globally minded citizen.

JSA810 JSA AMERICAN HISTORY

Prerequisite: JSA World History
Length: Year
Grade Level: 10
Credit: 1 credit

Students will begin with an overview of America's Industrial Age, focusing on social, political, and economic impacts. Next, students will trace the development of the United States as a world power, concentrating on territorial gains in the early 20th century, the decision to enter two world conflicts, and world policy during the Cold War. Additionally, students will analyze major domestic events including the "Roaring Twenties," Great Depression, and Civil Rights Movement. The arts are infused into the course as primary sources and woven throughout the day's lessons, adding depth and critical inquiry to the course. Classes will also explore themes such as People in Societies, Geography, Economics, Rights and Responsibilities of Citizens, and Social Studies Skills. In conjunction with a challenging course of study, guest speakers, artists in residence, field trips, film studies, and concerts help students gain a better appreciation of art as a key piece to cultural identity of the United States throughout its history.

825 AP AMERICAN HISTORY

Prerequisite: Accelerated English
Length: Year
Grade Level: 10
Credit: 1 credit

The Advanced Placement program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. An Advanced Placement American History course develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

In addition to exposing students to the historical content of the textbook, an AP course will also train students to analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students learn to take notes from both printed materials and lectures or discussions. Historical writing is taught through the outline of the thesis, evidence, and conclusion format. Students will be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others.

AP American History is a college level study of American history from discovery to the present time. College credit can be obtained by scoring high on the national AP exam in May. The student must be serious about

studying American history in detail. Coursework is rather extensive. Students should expect nightly reading or writing assignments throughout the school year. Freshmen registering for this course are required to complete summer reading and note-taking assignments. **There will be a test over the summer material the first week of school. There will be a fee of approximately $11.00 in addition to the cost of the AP test.**

JSA/JAG825 ACADEMY AP AMERICAN HISTORY

Prerequisite:	JSA or JAGS World History
Length:	Year
Grade Level:	10
Credit:	1 credit

The Advanced Placement program in American History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in American history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials – their relevance to a given interpretive problem, their reliability, and their importance – and to weigh the evidence and interpretations presented in historical scholarship. An Advanced Placement American History course develops the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

In addition to exposing students to the historical content of the textbook, an AP course will also train students to analyze and interpret primary sources, including documentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students learn to take notes from both printed materials and lectures or discussions. Historical writing is taught through the outline of the thesis, evidence, and conclusion format. Students will be able to express themselves with clarity and precision and know how to cite sources and credit the phrases and ideas of others.

JAGS students will strive to develop twenty-first century work skills such as effective use of technology, critical and creative thinking, collaboration and communication. Through the study of American History students will learn to recognize different perspectives in order to become a more globally minded citizen. AP American History is a college level study of American history from discovery to the present time. College credit can be obtained by scoring high on the national AP exam in May. The student must be serious about studying American history in detail. Coursework is rather extensive. Students should expect nightly reading or writing assignments throughout the school year. Freshmen registering for this course are required to complete summer reading and note-taking assignments. **There will be a test over the summer material the first week of school. There will be a fee of approximately $11.00 in addition to the cost of the AP test.**

CCP HIS121 US HISTORY I -TO 1877 (Semester 1)
CCP HIS121 US HISTORY I -TO 1877 (Semester 2)

Recommended:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course will cover the major trends and ideas in American history from the first settlements in North America to the end of the Civil War and Reconstruction. The economic, social, political, and religious beliefs and issues affecting the growth and development of the American nation will be examined, along with the issues that produced conflict in the formative years of our history. Topics include: early settlements and immigration, the growth of the colonies, the American Revolution, westward expansion, sectional conflict, and the Civil War.

CCP HIS122 US HISTORY II -FROM 1877 (Semester 1)
CCP HIS122 US HISTORY II -FROM 1877 (Semester 2)

Recommended:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course will cover the major trends and ideas in American history from the end of Reconstruction to the present. The economic, social, political, and religious beliefs and issues affecting the growth and development of the American nation will be examined. Topics discussed will include Industrialization, Immigration, Suffrage, the Great Depression, World War II, the Cold War, Vietnam, the youth movement of the 1960s, Watergate, the Reagan Era, and the United States in the twenty-first century.

828 AP ECONOMICS – MACRO/MICRO

Prerequisite:	Teacher recommendation
Length:	Year
Grade Level:	11, 12
Credit:	1 credit
Fees:	Two Advanced Placement tests

This course is designed for students who are interested in preparing for the Advanced Placement exam in Microeconomics and Macroeconomics. The purpose of this AP course is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. Primary emphasis is placed on the nature and functions of product markets, the study of factor markets, and the role of government in promoting greater efficiency and equity in the economy. By the end of the course students are expected to take both the Macroeconomics test and the AP Microeconomics test. **This course fulfills the Personal Finance graduation requirement for the classes of 2023, 2024, and 2025**.

830 AP SEMINAR

Prerequisite:	Accelerated Language Arts and/or AP US History
Length:	Year
Grade Level:	11
Credit:	1 credit

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Student participation during class discussions is a key part of this class. Students who fail to participate on a regular basis may not be successful in AP Seminar. Students are required to take the AP exam in May. **AP Seminar exams cost approximately $142 each which is more than other AP exams.**

JAG829 JAGS MODEL UNITED NATIONS SEMINAR

Prerequisite:	Enrolled in the JAGS Program
Length:	Year
Grade Level:	11
Credit:	1 credit

The JAGS Model United Nations Seminar Course is a unique blend of student led inquiry and teacher/student led discussions. Through independent research, team debate, and compelling seminar topics; JAGS students become the primary decision-makers and leaders for the organization of the class and JAGS program. This course will focus on the issues, goals, and procedures of the United Nations and will prepare students for their participation in the Model United Nations conferences and simulations. Students will develop plausible solutions to contemporary global problems and will gain valuable knowledge and skills through the engagement of committed and highly motivated peers, educators, and business leaders. At the end of the year, students will begin developing their Senior Capstone (See JAG118 Senior Capstone) project.

JAG118 SENIOR CAPSTONE

Prerequisite:	JAGS Model UN
Length:	Year
Grade:	12
Credit:	.5 credit (Independent Study Course)

The final step in earning a full JAGS endorsement on the diploma is the completion of the GPS (Graduate Performance System - a portfolio with artifacts and reflections throughout the 4 years at JHS) on your JAGS student website, a Senior year 'Take Action' research paper and Senior service project, 80 community service hours dependent on graduation year and Covid-19 impacts.

838 AP PSYCHOLOGY

Prerequisite:	None
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

The AP Psychology course is rigorous and designed to introduce students to the systematic and scientific study of the behavioral and mental processes of human beings and other animals. Students are exposed to psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Topics for the course include social psychology, the history and approaches of psychology, research methods, biological considerations, perception and sensation, states of consciousness, cognition, developmental psychology, mental disorders, and their treatments. This course is equivalent to a college level, introductory General Psychology course. Students should expect a nightly reading or writing assignment throughout the school year. **There will be a fee of approximately $11.00 in addition to the cost of the AP exam.**

CCP PSY121 GENERAL PSYCHOLOGY (Semester 1)
CCP PSY121 GENERAL PSYCHOLOGY (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course surveys the scientific study of behavior, addressing a wide range of traditional topics including introduction and research; perception/consciousness; learning; cognition; personality; pathology/treatment; development; biological basis of behavior; social and organizational psychology. Classical and current theory and research with selected attention to practical application is emphasized.

854 AMERICAN GOVERNMENT

Prerequisite: None
Length: Year
Grade Level: 12
Credit: 1 credit

The purpose of this course is to encourage young adults to become effective, participating citizens in a democratic society, and the world community. Students will gain a practical knowledge of the political ideologies of the world and knowledge of the institutions and political activities of the United States government at the national, state, and local levels. The knowledge gained throughout the course will also assist in preparing students for the State of Ohio Performance Based and End of Course Tests in government.

860 AP AMERICAN GOVERNMENT AND POLITICS

Prerequisite: None
Length: Year
Grade Level: 12
Credit: 1 credit

This is a college level introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will analyze U.S. foundational documents, Supreme Court decisions, scholarly works, and other texts and visuals to gain an understanding of the relationships and interactions between political institutions and behavior. They will read and interpret data, develop evidence-based arguments, and engage in an applied civics or politics based research project. Students should be aware this is an intense, challenging, and thorough examination of American politics.

CCP PSC121 U. S. GOVERNMENT AND POLITICS (Semester 1)
CCP PSC121 U. S. GOVERNMENT AND POLITICS (Semester 2)

Prerequisite: CCP Requirements
Length: Semester
Credit: 1 credit
3 TAG (Transfer Assurance Guide) college credits possible

This course is an examination of the nature, purpose and forms of American government; the relationship between function and structure; the dynamics of political change; and governmental problems of modern society. This course may be used as a substitute for the American Government graduation requirement.

CCP HIS222 WORLD CIVILIZATION FROM 17TH CENTURY (Semester 1)
CCP HIS222 WORLD CIVILIZATION FROM 17TH CENTURY (Semester 2)

Prerequisite: CCP Requirements
Length: Semester
Credit: 1 credit
3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course will study world history from the mid-17th century to the present.

CCP SOC225 DIVERSITY IN AMERICAN SOCIETY (Semester 1)
CCP SOC225 DIVERSITY IN AMERICAN SOCIETY (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This **ONLINE** course will provide students with an understanding of the cultural diversity of our changing society. Students will examine and discuss the diverse values and characteristics of ethnic and minority populations and how those values influence society, social and economic processes, and race relations.

CCP SOC121 SOCIOLOGY (Semester 1)
CCP SOC121 SOCIOLOGY (Semester 2)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG (Transfer Assurance Guide) college credits possible

This **ONLINE** course introduces the general theories of the field and research methods. Students will examine the impact of culture, social interaction, social structure, socialization, and social institutions on social behavior.

CCP ARTH120 ART AS A WORLD PHENOMENON (KFA)

Prerequisite:	CCP Requirements
Length:	Semester
Credit:	1 credit 3 OTM (Ohio Transfer Module) college credits possible

This course explores the essential qualities of art and the motivations for creating art in both Western and non-Western cultures through a thematic paradigm. By the end of the term, students have developed an enhanced ability to identify and describe various media and styles of artistic production, and have a basic knowledge of the major cultural periods and representative artworks in the history of world art. This course is designed for non-art majors and will not fulfill requirements for School of Art majors.

TECHNOLOGY/COMPUTER SCIENCE

064 COMPUTER GRAPHIC AND PRINT DESIGN 1

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course is focused heavily on the Adobe Illustrator application. Adobe Illustrator is used by graphic designers to create vector images. These images are used in all areas of daily life in both web and print form. Students will learn the fundamentals of Illustrator that will allow them to create logos, designs, and posters that will be used in class. This course is recommended for students who are independently driven and plan to study graphic design in college or gain knowledge of the Adobe CS6 software for personal use. In this course students will experience image editing and creating graphic documents for print or the web. **Students will have the opportunity to design a t-shirt and purchase their design. The cost will be about $20.**

066 COMPUTER GRAPHIC AND PRINT DESIGN 2

Prerequisite:	Minimum grade of C in Computer Graphic and Print Design I
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

This course is built on the foundations from Computer Graphic and Print Design I. This class is focused primarily on Adobe Photoshop with Adobe InDesign as a supplement. Adobe Photoshop is one of the most used applications in all of graphic design. Students will have the opportunity to edit and manipulate photos with a variety of colors, textures, and styles. This course is recommended for students who are independently driven and plan to study graphic design in college or gain knowledge of the Adobe CS6 software for personal use. In this course students will experience image editing and creating graphic documents for print or the web. **Students will have the opportunity to design a water bottle and purchase their design. Cost will be about $45-$50.**

074 COMPUTER PROGRAMMING PYTHON
075 COMPUTER PROGRAMMING PYTHON

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

Computer Programming Python, which replaces Computer Programming 1, is an introductory-level course for students brand new to programming and computer science. In this course, students will learn problem-solving strategies, software design, and the foundations of computer science. Students will do so using two key tools: the Project STEM programming environment and EarSketch, a software package that turns code into music.

Not only will this course prepare students for continuing studies in computer science (Computer Programming Visual Basic and/or AP Computer Science A), but it will also teach how to think like a scientist and solve real-world problems, skills that are important to every 21st-century citizen.

There are no prerequisites for this course, although students should have basic familiarity with how to operate a computer and use applications along with basic knowledge of algebra principles before starting this course.

076 COMPUTER PROGRAMMING VISUAL BASIC
077 COMPUTER PROGRAMMING VISUAL BASIC

Prerequisite:	None
Length:	Semester
Grade Level:	9, 10, 11, 12
Credit:	1/2 credit

Computer Programming Visual Basic, which replaces Computer Programming 2, is a challenging course that will teach the fundamentals of the Microsoft Visual Basic programming language. Students will learn to create the graphical user interface (GUI), enter Visual Basic Code, correct errors, and run completed programs. Students will declare and use variables to gather input for an application, differentiate data types, and perform mathematical calculations. This course will also include advanced programming topics such as creating web applications, using procedures and exception handling, multi-dimensional arrays, and incorporating databases. Additionally, students will also use decision structures such as (If…Then…Else) using logical operators and Case statements, repetition structures including Do Loops and (For…Next Loops).

There are no prerequisites for this course, although students should have basic familiarity with how to operate a computer and use applications along with basic knowledge of algebra principles before starting this course.

CCP ITD122 COMPUTER APP FOR PROFESSIONALS (Semester 1)
CCP ITD122 COMPUTER APP FOR PROFESSIONALS (Semester 2)

Prerequisite:	Computer Test 21/CCP Requirements
Length:	Semester
Credit:	1 credit 3 TAG approved college credits possible

Computer Applications for Professionals familiarizes students with major Windows-based applications software and introduces the Windows operating system, the Windows networking environment, and practices file and folder maintenance. The focus of the course is to provide students with basic understanding and competence in industry-standard word processing, spreadsheet, database, and presentation software applications that are used to solve scientific, business, and engineering problems.

This course is recommended for those students entering a post-secondary school as the Microsoft products Word, Excel, Access, and PowerPoint could be a required download for a university or college. For example, the University of Akron requires students to use MS Word.

098 AP COMPUTER SCIENCE A

Prerequisite:	Successful completion of Algebra 2
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

This course is designed for students who are serious about programming. In this course, students will learn the fundamentals of computer science using the Java programming language. JAVA requires a good mathematical background and strong problem-solving skills. Topics include: simple, user defined and structured data types, algorithm development, decisions and loops, arrays, recursion, searches and sorts, data abstraction, and classes.

The course begins by focusing on programming basics and then on writing full classes and the logic and structures around them. This course will consist of video lectures, daily programming exercises, longer coding assignments, regular quizzes, and exams. Well over 20 hours of instructional time is spent in hands-on coding. Students participate regularly in a moderated discussion forum that provides support for lesson material and also introduces discussions of the ethical implications of programming including copyright law, software piracy, intellectual property, privacy, and network reliability.

TECHNOLOGY/INDUSTRIAL ARTS

Note: Industrial Arts exploratory courses may be part of a career and technical pathway and provide an excellent basis for obtaining information about the various career and technical skill areas and Career Tech programs offered in grades 11 and 12.

516 MANUFACTURING TECHNOLOGY
517 MANUFACTURING TECHNOLOGY

Prerequisite: Woodworking 1
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

In this course, students will be assigned a certain manufacturing job or position such as president, finance manager, production manager, plant engineer, and many others. Each student will be responsible for his or her own job. Students will learn how a manufacturing company conducts business. Students will be expected to design a product, develop a market survey, manufacture the product using woodworking machines, and try to sell the product to relatives, students, friends, teachers and co-workers. The goal is for students to understand the different positions within a company and to realize how a company makes a profit. **There will be a fee of approximately $30.00. Students must purchase safety glasses for the class and pay for project materials.**

528 HOME/CAR MAINTENANCE
529 HOME/CAR MAINTENANCE

Prerequisite: None
Length: Semester
Grade Level: 10, 11, 12
Credit: 1/2 credit

Students will learn routine home and car maintenance (9 weeks each). Hands-on opportunities will be provided in the woodworking lab. In home maintenance (9 weeks), students will be exposed to basic plumbing, electrical, drywall repair, simple hand tool use, and safety. In car maintenance (9 weeks), students will be exposed to routine maintenance of an automobile. Procedures such as lube, oil, and filter, tire changing and rotation, bulb replacement, and maintenance schedules will be explored. This course is recommended for all students. **There will be a fee of approximately $25.00. Students must purchase safety glasses for the class and pay for project materials.**

530 WOODWORKING 1
531 WOODWORKING 1

Prerequisite: None
Length: Semester
Grade Level: 9, 10, 11, 12
Credit: 1/2 credit

This course will introduce students to woodworking with instruction on safety, the use and care of the table saw, mortising machine, router, miter box, planer, lathe, and other portable power tools. This course is designed for students who want to develop their skills in woodworking. **There will be a fee of approximately $25.00. Students must purchase safety glasses for the class and pay for project materials.**

532 WOODWORKING 2

Prerequisite: Woodworking 1
Length: Year
Grade Level: 10, 11, 12
Credit: 1 credit

This course builds upon prior woodworking courses with instruction on safety, the use and care of the table saw, mortising machine, router, miter box, planer, lathe, and other portable power tools. This course is designed for students who want to advance their skills in woodworking. Students will use more complex equipment and learn advanced woodworking techniques. **There will be a fee of approximately $40.00. Students must purchase safety glasses for the class and pay for project materials.**

533 WOODWORKING 3

Prerequisite: Woodworking 2
Length: Year
Grade Level: 11, 12
Credit: 1 credit

This course builds upon prior woodworking skills developed in Woodworking 2. This course is designed for students who want to advance their skills in woodworking to the next level. The projects in this course are based on advanced woodworking techniques and are designed by the students through independent study. Students will use more complex equipment and learn advanced woodworking techniques. **There will be a fee of approximately $40.00. Students must purchase safety glasses for the class, pay a course fee and/or cover material costs for projects.**

535 MECHANICAL DRAWING 1

Prerequisite: None
Length: Year
Grade Level: 9, 10, 11, 12
Credit: 1 credit

This course is an introduction to the technology of industry. Topics covered are: sketching, instrument drawing, and CAD (computer assisted drawing) using AutoDesk Suite. Typical subjects include orthographic projection, isometric drawing, and sectioning of objects. Architectural drawing will be studied in the second semester. Students who take this course can take Mechanical Drawing 2 in the next year for more in-depth coursework. **There will be a fee of approximately $10.00.**

540 MECHANICAL DRAWING 2

Prerequisite: Mechanical Drawing 1
Length: Year
Grade Level: 10, 11, 12
Credit: 1 credit

This course is a continuation of Mechanical Drawing 1. The course is largely architectural in content. Each student will design a house and produce a scale model of their residential design to be entered in various home model competitions. During the fourth nine weeks, an in-depth study of AutoDesk Suite will be completed and may include use of a 3-D printer. **There will be a fee of approximately $15.00.**

541 MECHANICAL DRAWING 3

Prerequisite: Mechanical Drawing 2
Length: Year
Grade Level: 11, 12
Credit: 1 credit

This course builds upon prior skills developed in Mechanical Drawing 2. This course is designed for students who want to advance their skills in mechanical drawing to the next level. The projects in this course are based on advanced mechanical drawing techniques and are designed by the students through independent study. Students will explore advanced features of the AutoDesk Suite and also use a 3-D printer. **There will be a fee of approximately $15.00.**

WORLD LANGUAGES

301 FRENCH 1

Prerequisite: None
Length: Year
Grade Level: 9, 10, 11, 12
Credit: 1 credit

Learning a foreign language involves the development of the four communication skills: listening, speaking, reading and writing in the new language. Each unit of study contains activities intended to increase the student's ability to communicate in French and to provide the student with an introduction to the Francophone (French-speaking) cultures around the world. Emphasis at this level is placed upon developing good pronunciation, building a solid vocabulary foundation, and developing skills to best learn a world language. Students also learn to view language and culture as two aspects of the same process through continued discussion of the French-speaking people of the world. Cultural awareness is gained through examinations of authentic texts, media, and other realia. **There will be a fee of approximately $20.00.**

302 FRENCH 2

Prerequisite: French 1
Length: Year
Grade Level: 9, 10, 11, 12
Credit: 1 credit

The four skills of communicating with the French language are continued at this level. Students are encouraged to utilize their increasing language skills as tools for communication. A wide variety of activities are provided in order to reinforce the structures that are presented in class. Instruction begins to be conducted in French and students are expected to use the language and communication skills they learned in level I. Emphasis is on deepening the student's understanding of culture and structure and transitioning to a classroom setting that is conducted entirely in French. **There will be a fee of approximately $20.00.**

303 FRENCH 3

Prerequisite: French 2
Length: Year
Grade Level: 9, 10, 11, 12
Credit: 1 credit

This course is designed to deepen the understanding of language and cultural structures of the Francophone world while further developing their communication skills in French. Students will achieve an integrated and applicable control of French. French is the primary language of instruction and students are expected to communicate with others in French while they are in the classroom. Class time will involve guided discussion, writing activities, presentations, guided independent study, and lecture. Students will examine in depth Francophone culture, history, literature, and art as it has evolved while making connections to modern Francophone culture. In this course the individual student's motivation and dedication become essential in achieving success. **There will be a fee of approximately $20.00.**

304 FRENCH 4

Prerequisite: French 3
Length: Year
Grade Level: 11, 12
Credit: 1 credit each year

In this course students will continue to build and strengthen the language skills they have acquired in the previous years with a Pre-AP focus. Students improve their listening, speaking, reading, and writing while using even more varied resources and higher level thinking. They will understand and use accurate oral and written forms of French that are commonly encountered in everyday life. Students will express themselves with clarity and fluency in French. The students will broaden their vocabulary knowledge, deepen their understanding of

language structures, and be able to interact with others in a variety of authentic situations. **There will be a fee of approximately $20.00.**

305 AP FRENCH LANGUAGE AND CULTURE

Prerequisite:	French 4
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

AP French Language and Culture develops listening, speaking, reading, and writing skills for proficient communication in all three modes (interpersonal, interpretive, and presentational) while constantly examining the cultural foundations of the French language inherent in its products, practices, and perspectives. The six themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics interlace throughout the course.

The course is meant to be comparable to fifth and sixth semester (or the equivalent) college and university courses that focus on speaking and writing in the target language at an advanced level. **There will be summer reading and writing activities required for completion by the start of the course. There will be a fee of approximately $29.90.**

320 SPANISH 1

Prerequisite:	None
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

Learning a world language involves the development of the four communication skills: listening, speaking, reading, and writing. In this course emphasis is placed on: language acquisition techniques and study skills, phonetics (sound system), pronunciation, functional vocabulary related to everyday life, and basic grammatical structures. Each unit of study contains activities designed to increase the student's ability to communicate in the target language and to provide the students with an introduction to Hispanic cultures by examining the beliefs and customs of the Spanish-speaking people of the world.

321 SPANISH 2

Prerequisite:	Spanish 1
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

The four skills of Spanish communication are continued and expanded in this level. Students are encouraged to utilize their growing language skills as tools for communication. Oral and written activities are provided to reinforce the structures presented. Students also learn to view language and culture as two aspects of the same process through continued discussion of the Spanish-speaking people of the world. Cultural awareness is gained through an examination of authentic texts and other realia and, in particular, a basic introduction to Spanish literature, history, and art.

323 SPANISH 3

Prerequisite:	Spanish 2
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

The skills learned and practiced in the following areas of grammar, writing, speaking, listening, and reading comprehension, are an extension of the Spanish 1 and 2 programs. This class will focus on exposing the students to presentational, interpretive, and interpersonal tasks. The class is designed to further develop and refine the students' understanding of the language and improve their conversational skills. Cultural awareness and understanding of the people of Latin America and Spain will be gained using Spanish in real life contexts

through a simulated year-long project in which students will be placed into "familias" and will explore the topics both in an individual and a collaborative manner. A variety of tools, support material, and resources will be used throughout the year. Some examples include: podcasts, YouTube video clips, authentic texts, readings and other technologies to communicate and explore issues and themes of the Spanish-speaking world. Utilizing the skills acquired in the first two years of Spanish class, students will build and strengthen the foundation of their knowledge and will be able to communicate using Spanish for interpersonal, interpretive, and presentational communicative purposes. The teacher will use Spanish mostly as the mode of instruction. **There will be a fee of approximately $20.00.**

CCPSPA2821 INTERMEDIATE SPANISH I

Prerequisite:	CCP Requirements. It is highly recommended that students complete Spanish 3 before taking this course.
Length:	Semester 1
Credit:	1 credit 3 TAG (Transfer Assurance Guide) credits possible

This course follows the pathway set by the SPAN 18201 Elementary Spanish I and the SPAN 18202 Elementary Spanish II courses from Kent State University and it is a continuation of the development of the student's listening, speaking, reading, and writing skills. This course will further develop the student's cultural awareness using a variety of materials in Spanish and in the context of Hispanic cultures, themes, and practices. This course will be taught in Spanish, and it will require a high degree of participation and preparation by the student. Since this is a college-level class, students will have to meet all of the university's requirements as outlined in the university's syllabus in order to pass the course and receive college credit.

NOTE: This course is not tailored to be a Pre-AP course. Therefore, this course will not prepare students to take the AP Spanish exams offered at Jackson High School. A student wishing to take the AP Spanish Language and Culture exam should take the Spanish 4 course.

NOTE: The CCPSPA2821 Intermediate I course is a prerequisite course at Kent State University. Therefore, the credit hours earned in this class do not count toward the number of hours for a Spanish minor or major at Kent State University.

CCPSPA2822 INTERMEDIATE SPANISH II

Prerequisite:	CCP Spanish28201 Intermediate I
Length:	Semester 2
Credit:	1 credit 3 TAG (Transfer Assurance Guide) credits possible

This course follows the pathway set by the Intermediate Spanish I course from Kent State University, and it is a continuation of the development of the student's listening, speaking, reading, and writing skills. This course will continue to further develop the student's cultural awareness using a variety of materials in Spanish and in the context of Hispanic cultures, themes, and practices. This course will be taught in Spanish, and it will require a high degree of participation and preparation by the student. Since this is a college-level class, students will have to meet all of the university's requirements as outlined in the university's syllabus in order to pass the course and receive college credit.

NOTE: This course is not tailored to be a Pre-AP course. Therefore, this course will not prepare students to take the AP Spanish exams offered at Jackson High School. A student wishing to take the AP Spanish Language and Culture exam should take the Spanish 4 course.

NOTE: The CCP SPAN28202 Intermediate II course is a prerequisite course at Kent State University. Therefore, the credit hours earned in this class do not count toward the number of hours for a Spanish minor or major at Kent State University.

325 SPANISH 4

Prerequisite:	Spanish 3
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit each year

This course continues to develop language skills and explore Spanish history, literature, art and culture with a Pre-AP focus. It is the prerequisite course for AP Spanish Language and Culture; otherwise, this may serve as a final high school course. This course stresses the practical application of language skills and is designed to give students the opportunity to show awareness and sensitivity towards other cultures, specifically Spanish cultures. Spanish is the primary language of instruction.

In this course, students will continue to build and strengthen the language skills they have acquired in previous years of Spanish. Students will improve their listening, speaking, reading, and writing skills in Spanish while using a wide range of authentic resources and higher level thinking. They will understand and use accurate oral and written forms of language that are commonly encountered in varied authentic situations. The students will express themselves and communicate with clarity and fluency. The students will broaden their vocabulary knowledge and be able to use it and interact with it in a variety of settings.

Class time will involve guided discussions, writing, presentations, communicative activities, guided independent study, and lecture. In this course, the individual student's motivation and dedication become essential in achieving success in making the transition to a college level language course. **Summer grammar review and reading activities are <u>recommended</u> for completion by the start of the course.**
There will be a fee of approximately $20.00.

326 AP SPANISH LANGUAGE AND CULTURE

Prerequisite:	Spanish 4
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

AP Spanish Language and Culture is intended for students who wish to develop proficiency and integrate their language skills, using authentic materials and sources. Students who enroll should already have a basic knowledge of the language and cultures of Spanish-speaking peoples and should have attained a reasonable proficiency in using the language. Students explore the various themes and contexts of the AP Spanish curriculum while also considering essential questions that are addressed in the global community. Products, practices, and perspectives of Spanish-speaking cultures of the world are enriched while also comparing them to the students' home community and culture.

The AP Spanish Language and Culture course will help prepare students to demonstrate their level of Spanish proficiency across three communicative modes (interpersonal [interactive communication], interpretive [receptive communication], and presentational [productive communication]), and the five goal areas as outlined in the *Standards for Foreign Language Learning in the 21st Century* (Communication, Cultures, Connections, Comparisons, and Communities). The course is meant to be comparable to fifth and sixth semester (or the equivalent) college and university courses that focus on speaking and writing in the target language at an advanced level. **Summer grammar review and reading activities are <u>recommended</u> for completion by the start of the course. There will be a fee of approximately $29.90.**

327 AP SPANISH LITERATURE AND CULTURE

Prerequisite:	Spanish AP Language and Culture
Length:	Year
Grade Level:	12
Credit:	1 credit

AP Spanish Literature and Culture is designed to introduce students to the formal study of Peninsular Spanish, Latin American, and U.S. Hispanic literature from the Middle Ages to the present day. The course aims to develop students' critical reading and analytical writing skills in Spanish to perform successfully on the Advanced Placement exam in Spanish Literature, as well as develop students' ability to make interdisciplinary connections and explore linguistic and cultural comparisons.

This class will be conducted entirely in Spanish, and students will be expected to communicate in Spanish appropriate to this level. The course covers the entire AP Spanish Literature and Culture required reading list. Students will be required to write essays to continue improving analytical writing, as well as participate in active discussions to analyze the different works of poetry, prose, and drama. Students will discuss literary texts and their varied historical, socio-cultural, and political contexts in a variety of activities and assignments. Finally, students will analyze themes and works of varied artistic representations, as well as audiovisual and audio resources, in relation to the course content.

The AP Spanish Literature and Culture course will help prepare students to demonstrate their level of Spanish proficiency across three communicative modes interpersonal, interpretive, and presentational, and the five *Standards for Foreign Language Learning in the 21st Century* (Communication, Cultures, Connections, Comparisons, and Communities). The course is meant to be comparable to fifth and sixth semester college and university courses that focus on speaking and writing in the target language at an advanced level. **Extra credit can be earned by completing the <u>recommended</u> summer reading by the start of the course. There will be a fee of approximately $30.00.**

331 CHINESE 1

Prerequisite:	None
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

In this course, students will establish the communication skills of listening and speaking. They will also begin learning to read, write, and type Chinese characters using Pinyin as a base. They will be introduced to Chinese history, geography, social customs, and travel sites. **There will be a fee of approximately $19.00.**

332 CHINESE 2

Prerequisite:	Chinese 1
Length:	Year
Grade Level:	9, 10, 11, 12
Credit:	1 credit

Students will continue to develop their communicative skills of listening and speaking Chinese to discuss simple daily life activities. They will also continue to practice typing Chinese characters through Pinyin, with the goal of creating complete sentences. Students will begin to read simple terms. Chinese history, geography, social customs, and travel sites will be further explored through multimedia.

333 CHINESE 3

Prerequisite:	Chinese 2
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

Students will understand and learn language related to daily settings. They will use more complex grammatical structures and sentence patterns to communicate about familiar topics through interaction and description. They

will compose brief passages and will demonstrate confidence and interest in learning the Chinese language. They will have some preliminary knowledge of learning, communicative, resource, and interdisciplinary strategies used in guided situations. Chinese 3 students will acquire further Chinese cultural knowledge, cross-cultural awareness, and international perspectives. **There will be a fee of approximately $19.00.**

334 CHINESE 4

Prerequisite:	Chinese 3
Length:	Year
Grade Level:	10, 11, 12
Credit:	1 credit

This course continues to develop language skills and explore Chinese history, literature, art, and culture with a Pre-AP focus. While emphasis is placed on reading as well as self-expression in the target language, both orally and written, they also will continue to explore and communicate about themes and issues that are important to both the target language and home cultures. Utilizing the skills acquired in the first three years, students are expected to communicate in Chinese with minimal use of English for interpersonal, interpretive, and presentational communication. Dictionaries are highly recommended.

335 AP CHINESE LANGUAGE AND CULTURE

Prerequisite:	Chinese 4
Length:	Year
Grade Level:	11, 12
Credit:	1 credit

The AP Chinese Language and Culture course is designed to be comparable to fourth semester (or the equivalent) college/university courses in Mandarin Chinese, deepening students' immersion into the language and culture of the Chinese-speaking world. The course prepares students to demonstrate their level of Chinese proficiency across the three communicative modes (interpersonal, interpretive, and presentational) while focusing on world language standards within a cultural frame of reference reflective of the richness of Chinese language and culture. Instructional materials and activities are carefully and strategically adapted from authentic sources to support the linguistic and cultural goals of the course. **There will be summer grammar review and reading activities required for completion by the start of the course. There will be a fee of approximately $30.00.**