

2019-2020

OTSEGO HIGH SCHOOL



PROGRAM OF STUDIES

*The entire Program of Studies can be found on our website:
www.otsegoknights.org*

Otsego's Mission Statement

The Otsego Local School District, unified with family and community, prepares all students to reach their highest potential by providing innovative programs in a rich environment focused on student-centered learning. Otsego students will become contributing citizens in a global society while respecting individual differences.

Otsego's Vision Statement

- A united community which inspires and challenges everyone to exceed their expectations.
- A caring and positive environment that values and embraces all learners.
- An innovative approach to instruction focused on student achievement today, tomorrow and beyond.

Otsego's Motto

Our Students

Our Community

Our Success

SCHEDULING PROCESS

There are nine periods in the day at Otsego High School. **All students must schedule a minimum of seven (7) classes (equal to seven periods for both semesters).** Courses that do not meet minimum enrollment figures will not be offered.

Freshmen must be enrolled in **English, Global Studies, Science, Math, and Physical Education.**

Students may elect to opt-out of PE if they meet the requirements. They may also elect to take **Health** as a freshman.

Sophomores must be enrolled in **English, US Studies, Science, Math, Health, and Physical Education.**

Many students who did not take **Health** their freshman year may elect to take it as sophomores. It must be completed by the end of this school year.

Juniors must be enrolled in **English, Science (unless graduation requirements have been met), US Government, and Math.**

Seniors must be enrolled in **English and Math.** If students are pursuing a Honors Diploma it is recommended they also take **Psychology/Sociology** this year.

1. Counselors will meet with students in groups to discuss course selection and academic planning.
2. Parents and/or students may meet individually with a counselor if so requested.
3. Students and their parents will decide on a schedule and students' parents will sign the Course Request Form
4. Students are expected to take a **minimum of seven courses with a maximum of one study hall allowed each semester.**

SCHEDULE CHANGE POLICY

Students and parents are asked to carefully select the courses that will best meet the needs of the student. The counselors are available to help with this process. Parents and/or students may schedule an appointment with a counselor to receive assistance. Course selections are used immediately to make staff assignments for the coming year and to determine when courses will be offered. **All course requests are considered final and may only be adjusted for a very good reason. No changes may be made after the last day of school. After this time, all schedule changes must be approved by the school administrator, and are not guaranteed.**

If a student chooses to drop a class without gaining special approval from the principal, the student will receive a Withdrawal/Fail (W/F) in that class and it will be reflected on the student's official transcript. Once classes are in session, all withdrawals from the classes will result in a Withdrawal/Fail.

Reasons acceptable for a schedule change:

1. The course the student requested was canceled or it was offered at a time that would not fit into the student's schedule.
2. The student became part of a specialized group (such as CBI, or Special Education) and adjustments needed to be made.
3. A medical, emotional or family emergency indicates that a change is in the best interest of the student.
4. The student followed the recommendations of the teacher and school counseling staff, but is determined to have been misplaced in one or more classes.
5. The student has recently moved into the school district and is determined to have been inappropriately placed in one or more classes.
6. The student has not met the prerequisites for a scheduled course.
7. The computer does not balance the study hall properly, giving two study halls in one semester and none in the other.

Students who have been accepted to Penta Career Center **have until the day prior to Penta's first day of classes to decide on enrollment. If they have not indicated a desire to remain at Otsego, they must attend classes at Penta Career Center for the first ten (10) days before returning to OHS.**

All course offerings in this guide are subject to change because, but not limited to, enrollment, adequate staffing, financial limitations, and room space.

ATHLETIC ELIGIBILITY

To be eligible during any grading period, an athlete must have been in school the immediately preceding grading period and passing grades must have been received in a minimum of **five one-credit courses, or the equivalent**, unless the student has just been promoted to the ninth grade. **Athletes must also achieve at least a 1.5 GPA for the grading period preceding the season in which the student is involved. Eligibility or ineligibility would remain until the beginning of the 5th school day after the next grading report period. On-line school, summer school, special examinations, etc., may not be used to regain eligibility. A letter grade of "I" (Incomplete) is considered to be an "F" when determining eligibility. The "F" grade for an incomplete may be changed within 5 school days of the quarter ending for eligibility purposes. School days include: regular instruction days, calamity days,**

teacher inservice or work days. Holidays and school breaks are not considered school days. Only the administration and/or Athletic Director can approve any changes in eligibility.

MINIMUM CREDITS NEEDED TO ATTAIN PROGRESS TOWARDS GRADUATION

| | |
|------------------------|------------|
| Grade 9 | --- |
| Grade 10 | 6 credits |
| Grade 11 | 12 credits |
| Grade 12 | 18 credits |
| High School Graduation | 21 credits |

Note: Students who do not attain the recommended units will be considered “credit deficient,” that is, those students that haven’t received the number of credits may not have enough credits to graduate with their class. To clarify, students who finish their freshman year with less than 6 credits will be classified as a “credit deficient sophomore” for the next school year or until the required credits are obtained (e.g. through summer school).

CLASS CREDIT

Class credit will be issued at the conclusion of each semester if the student receives a passing grade in that course.

GRADUATION REQUIREMENTS/CORE CURRICULUM

Any student graduating from Otsego High School will be required to complete the **Core Curriculum**. The credits are as follows:

| | |
|--|---|
| English..... | 4.0 credits |
| Math..... | 4.0 credits (including 1 credit of Algebra 2) |
| Science..... | 3.0 credits (1 unit Physical Science, 1 unit Life Science, 1 unit Advanced Study) |
| Social Studies..... | 3.0 credits (including Global Studies, US Studies and Government) |
| Health..... | 0.5 credits |
| Physical Education..... | 0.5 credits (two semesters) |
| Living Today 2 OR Personal Financial Management..... | 0.5 credits |
| Electives..... | 5.5 credits (only 0.5 may be PE credit, you must take 1.0 credits of foreign language, fine arts, business, career-technical education, family and consumer science, technology, agricultural education, English language arts, mathematics, science or social studies not otherwise required) |
| Total..... | 21.0 credits |

GRADUATION REQUIREMENTS/CAREER TECHNICAL PATHWAY

Any student graduating from Otsego High School will be required to complete the **Core Curriculum**. The credits are as follows:

| | |
|---------------------|--|
| English..... | 4.0 credits |
| Math..... | 4.0 credits |
| Science..... | 3.0 credits (1 unit Physical Science, 1 unit Life Science, 1 unit Advanced Study) |
| Social Studies..... | 3.0 credits (including Global Studies, US Studies and Government) |

| | |
|--|---|
| Health..... | 0.5 credits |
| Physical Education..... | 0.5 credits (two semesters) |
| Living Today 2 OR Personal Financial Management..... | 0.5 credits |
| Electives..... | 5.5 credits (only 0.5 may be PE credit, you must take 1.0 credits of foreign language, fine arts, business, career-technical education, family and consumer science, technology, agricultural education, English language arts, mathematics, science or social studies not otherwise required) |
| Total..... | 21.0 credits |

End of Course Tests:

Under the current state requirements, the new state graduation requirements have taken effect. Students must meet one (1) of the following three (3) criteria:

1. **Earn 18 out of 35 points on seven end-of-course state tests. You can earn up to five points on each test. You need a minimum of four points in math, four points in English language arts and six points across science and social studies.**
 - **Algebra 1 and Geometry**
 - **Biology**
 - **American History and American Government**
 - **English Language Arts I and English Language Arts II**
 - *Students studying Advanced Placement (AP) Biology, American History, or American Government may substitute test scores for end-of course state exams to avoid double testing. Students also may substitute grades from College Credit Plus courses in these subjects for end-of-course exams.*
2. **Earn a “remediation-free” score on a national recognized college admission exam such as the ACT or SAT. The state of Ohio will pay for all 11th grade students in the Class of 2018 and beyond to take the exam free of charge.**
3. **Students earn twelve (12) points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score on the WorkKeys assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.**

****ODE may make changes to these requirements post print of this document that may not be reflected here.

CLASS RANKING POLICIES & PROCEDURES

Class credit will be issued at the conclusion of each semester if the student receives a passing grade in that course.

For the class of 2019-2020

Class rank will not be calculated until the end of the student’s junior year. Class rank at the end of the seventh (7th) semester will determine the valedictorian(s)/salutatorian(s).

The senior class valedictorian/salutatorian will be figured by adding together the following:

1. Cumulative weighted GPA at the end of the seventh (7th) semester
2. Total number of credits earned at the end of the seventh (7th) semester divided by ten (10) (High School courses that fall within the nine (9) period day, with the exception of College Credit Plus which may fall outside of the nine (9) period day, will be used to calculate class rank.)
3. Highest ACT score up to their seventh (7th) semester. The ACT score will be divided by 10 before it is added in.

Example: if a student were to have a 4.0 GPA, with 21 credits and a 33 on their ACT at the end of the 7th semester, we would take $(4.0+2.1+3.3) = 9.4$. We will then rank the students based on this total to determine valedictorian(s)/salutatorian(s) only. The cumulative grade point average (GPA) at the end of seven (7) semesters determines the Top 15% of the senior class. The top 5% of the class will receive a *Summa Cum Laude Diploma*. Students in the top 10% will receive a *Magna Cum Laude Diploma*, and the top 15% of the class receive a *Cum Laude* diploma. These students will be given special acknowledgement at the graduation ceremony.

The district will host a breakfast to honor these students in the spring before graduation.

The Valedictorian will have the option to speak at the graduation ceremony.

For the classes of 2021 and Beyond

Class rank will not be calculated until the end of the student's junior year. Class rank at the end of the seventh (7th) semester will determine the valedictorian(s)/salutatorian(s).

The senior class valedictorian/salutatorian will be figured by adding together the following:

1. Cumulative weighted GPA at the end of the seventh (7th) semester
2. Highest ACT score up to their seventh (7th) semester. The ACT score will be divided by 10 before it is added in.
3. Student(s) must be eligible for the Academic Honors Diploma or the Diploma With Honors-Career Technical Curriculum. If the student(s) ranked by ranking score are not eligible for one of these two honor diplomas, the valedictorian/salutatorian honor will be given to the next student in the ranking order.

Example: if a student were to have a 4.0 GPA and a 33 on their ACT at the end of the 7th semester, we would take $(4.0+3.3) = 7.3$. We will then rank the students based on this total to determine valedictorian(s)/salutatorian(s) only. The cumulative grade point average (GPA) at the end of seven (7) semesters determines the Top 15% of the senior class. The top 5% of the class will receive a *Summa Cum Laude Diploma*. Students in the top 10% will receive a *Magna Cum Laude Diploma*, and the top 15% of the class receive a *Cum Laude* diploma. These students will be given special acknowledgement at the graduation ceremony.

The district will host a breakfast to honor these students in the spring before graduation.

The Valedictorian will have the option to speak at the graduation ceremony.

WEIGHTED GRADING SCALE

The purpose of the weighted grading scale is to encourage students to take more difficult courses at the upper levels. In this system, a student can take a more difficult course, receive a lower grade, and still not ruin his/her grade point average. Weighted-scale courses require more out-of-class work and are more difficult than the rest of the offerings.

The following weighted grading scale will be used for the following twelve (12) courses:

- **Advanced Biology**
- **Physics**
- **Honors Composition I & Honors World Literature**
- **Honors Composition II & Honors Perspectives in Literature**
- **Honors American Literature Survey with Dual Enrollment Option**
- **AP English Literature and Composition**
- **AP English Language and Composition**
- **Honors Geometry**
- **Honors Algebra 2**
- **Pre Calculus**
- **Calculus**
- **AP United States History**

- **AP Biology**

A = 4.5 B = 3.5 C = 2.5 D = 1.5 F = 0

All other courses in the curriculum are on the following traditional scale:

A = 4.0 B = 3.0 C = 2.0 D = 1.0 F = 0

Honors Diploma Requirements

Class of 2019-2020

Students in the classes of 2019-2020 may choose to pursue the Academic or Career Tech Honors diploma under the previously established criteria (below) or the revised criteria (following). They also may choose to pursue the STEM, Arts or Social Science and Civic Engagement Honors Diploma.

Diploma with Honors-College Prep Curriculum

Students must fulfill all but one criterion of the following to receive the Diploma with Honors:

- Four (4) units of English
- Four (4) units of Math, including Algebra 1, Geometry, Algebra 2 or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content.
- Four (4) units of Science including Physics and Chemistry
- Four (4) units of Social Studies
- Three (3) units of Foreign Language, including at least two units in each language studied.
- One (1) unit of Fine Arts
- GPA of 3.5 on a 4.0 scale
- ACT score of 27 OR SAT score of 1210

Diploma with Honors-Career-Technical Curriculum

Students must fulfill all but one criterion of the following to receive the Diploma with Honors:

- Four (4) units of English
- Four (4) units of Math, including Algebra 1, Geometry, Algebra 2, or equivalent and another higher level course or a four-year sequence of courses that contain equivalent content.
- Four (4) units of Science including 2 units of advanced science.
- Four (4) units of Social Studies
- Four (4) units of Career-Technical minimum. Program must lead to an industry recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.
- GPA of 3.5 on a 4.0 scale
- ACT score of 27 OR SAT score of 1210

Honors Diploma Requirements for the Class of 2021 and Beyond

Students in the class of 2021 and beyond must meet the revised criteria (below) to earn an honors diploma.

Academic Honors Diploma

Students must fulfill all but one criterion of the following to receive the Diploma with Honors:

- Four (4) units of Math, including Algebra 1, Geometry, Algebra 2 (or equivalent) and another higher level course or a 4 course sequence of courses that contain equivalent or higher content.
- Four (4) units of Science including two units of advanced science.

- Four (4) units of Social Studies
- Three (3) units of one World Language, with at least 2 units in each language studied
- One (1) unit of Fine Arts
- GPA of 3.5 on a 4.0 scale by the last grading period of the senior year.
- ACT score of 27 OR SAT score of 1280

Diploma with Honors-Career-Technical Curriculum

Students must fulfill all but one criterion of the following to receive the Career-Technical Diploma with Honors:

- Four (4) units of Math, including Algebra 1, Geometry, Algebra 2 (or equivalent) and another higher level course or a 4 course sequence of courses that contain equivalent or higher content.
- Four (4) units of Science including two units of advanced science.
- Four (4) units of Social Studies
- Two (2) of one world language studied
- Four (4) units of Career-Technical courses.
- GPA of 3.5 on a 4.0 scale
- ACT score of 27 OR SAT score of 1280 OR WorkKeys: 6 or higher on Reading for Information and 6 or higher on Applied Mathematics.
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- Develop a comprehensive portfolio of work based on the student's field experience or a topic relate to the student's area of focus that is reviewed and validated by external experts
- Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent

STEM Honors Diploma

Students must fulfill all but one criterion of the following to receive the STEM Diploma with Honors:

- Five (5) of Math including Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content. Students can meet the math criterion for the STEM Honors Diploma through successful completion of coursework that contains content equivalent to five units.
- Five (5) units of Science including two (2) of advanced science
- Three (3) units of Social Studies
- Three (3) units of one World Language or no less than two (2) units of each of two world languages studied
- One (1) unit of Fine Art
- Two (2) units of Electives with a focus in STEM
- GPA 3.5 on a 4.0 scale
- ACT score of 27 or higher/SAT score of 1280 or higher
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- 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

Arts Honors Diploma

Students must fulfill all but one criterion of the following to receive the Arts Diploma with Honors:

- Four (4) units including Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content.
- Three (3) units including one (1) of advanced science

- Three (3) units of Social Studies
- Three (3) units of one World Language or no less than two (2) units of each of two world languages studied
- Four (4) units of Fine Art
- Two (2) units of Electives with a focus in Fine Arts
- GPA 3.5 on a 4.0 scale
- ACT score of 27 or higher/SAT score of 1280 or higher
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- 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

Social Science and Civic Engagement Honors Diploma

Students must fulfill all but one criterion of the following to receive the Social Science and Civic Engagement Diploma with Honors:

- Four (4) units including Algebra I, Geometry, Algebra II (or equivalent), and one other higher level course or 4 course sequence that contains equivalent or higher content
- Three (3) units including one (1) of advanced science
- Five (5) units of Social Studies
- Three (3) units of one World Language or no less than two (2) units of each of two world languages studied
- One (1) unit of Fine Art
- Three (3) units of Electives with a focus in social sciences and/or civics
- GPA 3.5 on a 4.0 scale
- ACT score of 27 or higher/SAT score of 1280 or higher
- Complete a field experience and document the experience in a portfolio specific to the student's area of focus
- 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

Do something today that your future self will thank you for.

This guide has been prepared to assist students and parents in selecting a program of study for their years at Otsego High School, and to acquaint them with the variety of available programs.

A properly selected course of study will help students gain both knowledge and satisfaction in their high school career. The time to plan for any important endeavor is *before* it begins. The following points will help you select an appropriate program of study:

1. Consider the things that interest you and try to take courses that will help you increase your knowledge in your interest areas.
2. Consider how hard you are prepared to work before you decide on the type of course to take.
3. Be realistic about your ability and aptitude to do various types of work in high school.
4. Review thoroughly the courses available. Be sure that you have the pre-requisites and/or background for the courses you select.
5. The grades you have earned in the past need to be considered. Know the pre-requisites.

6. Discuss with your counselor the results of various standardized tests you may have taken to find out what your strengths and weaknesses are in relation to the courses you have taken.
7. Discuss with your teachers the courses they suggest you take next year.
8. Consider the courses required by the college of your choice.
9. Consider the basic courses required to meet the minimum Otsego High School graduation requirements.
10. Discuss your final requests with your counselors, teachers and parents.

Remember, now is the time to plan for your high school program. The more planning and thought you give to registration, the more successful and happy your high school experience will be.

Recommended schedule for students on a college preparatory path:

9th Grade

Comp I World Lit (Honors)
 Global Studies
 Algebra I/Geometry
 Physical Science
 P.E./Health (Elective)
 Elective (*Spanish)
 Elective
 Elective

10th Grade

Comp II Perspectives in Lit (Honors)
 AP US History
 Algebra 2/Trig-Stats/Pre-Calculus
 Advanced Biology
 P.E./Health (Elective)
 Elective (*Spanish)
 Elective
 Elective

11th Grade

American Lit Survey (Honors)
 Algebra 2/Trig-Stats/Pre-Calculus
 Chemistry/Human Phys./AP Bio
 Government
 Elective (*Spanish)
 Personal Financial Management
 Elective
 Elective

12th Grade

Brit Lit Survey (AP Lang & Comp)
 Calculus/Trig-Stats/Pre-Calculus
 Chemistry/Human Phys/Physics/AP Bio
 Psychology/Sociology
 Elective
 Elective
 Elective
 Elective

(*3 years of a foreign language needed for college/university admission)

Recommended Schedule for students planning to attend Penta Career Center:

9th Grade

Comp I World Lit
 Global Studies
 Algebra I/Geometry
 Physical Science
 P.E./Living Today 2
 Elective
 Elective
 Elective

10th Grade

Comp II Perspectives in Lit
 US Studies
 Algebra II/Algebra II Honors/Geometry
 Biology
 P.E./Heath
 Elective
 Elective
 Elective

Ohio Curriculum Choices (Graduating Classes of 2015-2019)

A family may feel that its son or daughter is not prepared to achieve the increased credit requirements, succeed the higher-level courses in mathematics and science and/or is planning a career that does not require these courses. In this case, the parent or guardian may request that the child be excused from the new high school curriculum requirements for graduation. *The Curriculum Choice provision is available only to the graduating classes of 2015-2019.* Your son or daughter may continue to take and strive to complete the higher-level courses. If successful in the higher-level courses, he or she will not be subject to any of the college consequences.

- English 4.0
- **Mathematics 4.0 (required: Algebra 2 minimum)**
- Health .5
- Phys Ed .5
- Science 3.0 (1 each: **Phys. Sci, Biological, & Advanced**)
- Social Studies 3.0
- Financial Literacy 0.5
- **Electives 5.5**

- **Total: 21.0**

All students must receive instruction in financial literacy. Both Living Today 2 and Personal Financial Management meet this requirement. We have included this graduation component in the Career Choices requirement. In addition, the end of course tests must be passed in order to receive a diploma.

The students in graduating classes of 2015-2019 are able to opt-out of the Ohio Core Curriculum if they feel their career or college goals may not require the more rigorous curriculum and are identified as at-risk of not meeting the Ohio Core Curriculum requirements. If your child earns a high school diploma under the Ohio Curriculum Choices, they will be prohibited from attending most 4-year colleges or universities without further coursework. This provision is designed for students who are planning to work full-time, attend a two-year college, enter a trade/technical school full-time upon graduation, or enter the military after graduation. If you and your student feel you would like to explore this option, please contact their school counselor for further information.

COLLEGE CREDIT PLUS

Eligible students are allowed to take courses and earn high school and college credit through the College Credit Plus program that appears on both their high school and college transcripts. The course must apply to a degree or professional certificate. Students will be able to follow a 15 credit or 30 credit option of courses offered by Ohio public and private colleges and universities in a setting arranged by the college, including taking courses on campus, as on-line courses, or as dual-enrollment courses offered at the high school.

- Courses will be scored on the 4.5 Honors GPA scale if the course is offered at Otsego High School at the Honors level.
- High school credit for college courses taken through the College Credit Plus program will be awarded according to the following formula:

| | |
|--------------------------------|-------------|
| Three/four/five semester hours | 1.00 credit |
| Two semester hours | .666 credit |
| One semester hour | .333 credit |

(all courses must apply to a degree or professional certificate)

To be eligible, students and parents must receive counseling regarding the program provided by the high school and submit their Intent to Participate form to the High School Office no later than April 1 each school year. **Students must then meet the admission standards of the participating college or university to which they apply for enrollment, either through ACT test scores or placement testing and by meeting the college or university GPA requirements.** Participating colleges and universities will provide an advisor for each student enrolled, who will help the student navigate the college requirements.

There is no cost for the student to participate in College Credit Plus when the student is enrolled in a public college or university. The high school and college or university share the cost for the course. Students choosing to enroll in a participating private college or university might incur costs.

- **Students failing college courses or withdrawing after designated drop times will be responsible for the cost of the course(s).**

The rules and regulations regarding College Credit Plus are still in development at the State Legislative level and are subject to change or revision.

OTSEGO HIGH SCHOOL *FLEX CREDIT* PROGRAM

The high school offers a special “flexible” plan for students to earn credits for graduation. All credits earned through the ***Flex Credit*** program will receive a letter grade or P/F (depending on committee approval), will be calculated as part of the accumulated grade point average, and will appear on the final transcript. There are three possible uses of the ***Flex Credit*** program:

- **Flex Recovery** – Students may use the program to make-up classes they have not passed in order to recover credits needed for graduation. Flex Recovery plans could include correspondence classes, on-line course work, or classes offered by other school districts’ credit recovery programs.
- **Flex Out** – Students may use the program to “test out” of a class or classes in the Otsego curriculum if the student feels prepared to move on to a higher level. Flex Out plans will require the student to

demonstrate at least a proficient level of achievement on all course standards, outcomes and objectives, as demonstrated by the student's results on all course assessments and projects.

- **Flex Advance** – Students may work with high school staff and other educators to plan advanced course work that is not available in the regular Otsego High School curriculum. Flex Advance plans will require student work of a challenging nature, including reading, study, projects, demonstrations, and assessments.

Flex Credit Program – General Regulations and Guidelines

1. All flex credit courses will be planned for one-half credit or one full credit (Phys. Ed is .25 credit). The student must initiate the request for a Flex Out or Flex Advance plan in the months of May or December. Flex Recovery plans may be initiated at any time.
2. The student will, in conjunction with school staff, develop a written plan that will clearly state the requirements that must be met for credit to be earned. This may include, but is not limited to, written reports, log books, resources, special projects, demonstrations, workbooks, and summative assessments. The plan must be approved and signed by all parties, including student, parent, teacher or faculty committee, and guidance counselor or principal.
3. All flex credit work will be graded and entered on the student transcript as part of the accumulated grade point average and official record. Flex credit grades will not be weighted unless this is clearly stated in the written plan approved by all parties.
4. All costs for flex credit classes will be borne by the student. Students will be able to use school materials at no cost if the materials are already available.
5. There will be no limit to the number or type of credits earned through the Flex Credit Program.
6. Students will be required to continue to attend Otsego High School for the full day unless release time is part of the approved written plan.
7. Students working on flex credits are still required to meet Otsego and OHSAA eligibility standards in order to participate in inter-scholastic athletics.
8. Unless otherwise stated above, all regulations, criteria and guidelines listed in the Otsego High School Curriculum Guide, the Otsego High School Student Handbook, and the Otsego Local Schools Board Policy Book apply to flex credit classes and the Flex Credit Program.

How to Apply for a Credit Flexibility Program:

1. Receive Credit Flexibility Packet from Guidance and complete the agreement. Return the proposal to guidance when completed.
2. A conference must be scheduled to evaluate the proposal and be signed by the student, parent/guardian, teacher of record, and counselor/principal.
3. Signed/Approved Proposal must be turned in to the student's counselor in Guidance prior to the end of the May/December deadline of the semester when the flex plan will take place.
4. Student is responsible for completing all assignments agreed upon in the Plan for Assessment to Receive Grades in order to receive a grade and credit. Failure to do so will result in an F for the class.

Penta Career Center 2019-2020 Career-Technical Program Guide

About Penta & Career-Technical Education

Since 1965, Penta Career Center has shaped the careers of more than 30,000 professionals. You, too, can benefit from Penta's career-technical training. Penta prepares students for college, a career, the military, or wherever their paths may lead. In addition, students learn what is expected in the world of work.

Member Schools

Penta serves the following school districts: Anthony Wayne, Benton-Carroll-Salem, Bowling Green, Eastwood, Elmwood, Genoa, Lake, Maumee, North Baltimore, Northwood, Otsego, Perrysburg, Rossford, Springfield, Swanton, and Woodmore

Academics

Penta prepares students for careers and post-secondary education by offering challenging academic courses in both a traditional 40-minute period for select courses and in an 85-minute block format. The courses are aligned with Ohio's K-12 academic content standards. Through their academic courses, students participate in a variety of project-based learning experiences. Some of the academic courses offered include: Advanced English; American History; Government; World Issues; Anatomy & Physiology I & II; Environmental Science; Psychology; Physics; Chemistry; Algebra I & II; Geometry; and Pre-Calculus.

College Credits

The majority of Penta's programs, as well as several academic content areas, offer College Credit Plus (CCP) options through Bowling Green State University, Owens Community College and The University of Toledo. CCP enables students to earn transcribed college credit at NO COST, while still in high school. Additionally, some of the programs offer FREE Career-Technical Credit Transfer (CT2) articulated college credit. CT2 credits are not transcribed. By earning these college credits, students get a jump-start on their post-secondary plans. Check with Penta for more information on all college credit options, which can lead to time and/or money-saving post-secondary opportunities.

Advanced Career and Simultaneous Credits

Penta Career Center prepares students for a wide array of post-secondary and career options through our Advanced Career curriculum. By fusing a rigorous academic core with challenging project work and advanced technology in a career pathway program of study, Advanced Career courses give students a greater depth of knowledge and skills to prepare them for more options after high school.

Current Advanced Career courses offered at Penta including Automated Materials Joining Technology through the Computer-Aided Design program and Energy and Power through the Construction Electricity program. Students also earn simultaneous academic credit through these courses. Computer-Aided Design juniors earn Advanced Math credit and Construction Electricity juniors earn Advanced Science credit.

Penta also offers simultaneous credits in four other career-technical programs: juniors in the Welding program earn credit in Math; juniors in the Exercise Science & Sports Medicine program earn credit in Science; and senior students in the Medical Technologies Academy and Dental Assistant programs receive credit in English.

Business & Industry Certifications

In many Penta programs, students have the opportunity to earn important business and industry credentials while in high school. After successfully completing an exam, students may qualify for program-specific certifications or state licenses. These credentials indicate to employers that students have the skills necessary for immediate employment.

Scholarships

All students are eligible to apply for post-secondary scholarships. Each year, Penta students earn scholarships through colleges and universities, service organizations, foundations, schools, Career Technical Student Organizations, and through many other sources. Scholarship opportunities are posted regularly at pentacareercenter.org and through the Student Services & Admissions Office.

Student Activities

Students are encouraged to continue to participate in extracurricular activities at their member schools. While attending Penta, students become members of Career-Technical Student Organizations (CTSOs) including: Business Professionals of America (BPA); SkillsUSA; FFA; Family, Career, and Community Leaders of America (FCCLA); HOSA: Future Health Professionals; and DECA. Throughout the school year, many students compete in local, regional, state, and national contests sponsored by these organizations. Students can also get involved in the Penta Student Leadership Council, the National Technical Honor Society and the Penta Ambassadors.

How to Apply

Applying to Penta Career Center is easy for high school students enrolled in one of Penta's 16 member school districts. Students interested in career-technical programs can apply online at pentacareercenter.org. Applications should be received by January 7, 2019 for priority consideration. Further information is available by contacting Tricia Hornyak, admissions representative, at **419-661-6498**.

Attend Penta as a Sophomore

Penta offers the Sophomore Exploratory program for students who are interested in exploring career-technical fields on Penta's campus. Freshmen interested in applying to the Sophomore Exploratory program can apply online. In this year-long program, sophomores will explore many career options, earn academic credits, and receive small group and one-on-one career and life skills mentoring. At the conclusion of this program, students will have the tools and knowledge necessary to make informed choices regarding their future educational, career and life plans. As part of the admissions process for this program, students will participate in a career assessment during their freshman year. To begin the application process, visit pentacareercenter.org and click on "High School Admissions."

Career Assessment Services

Career Assessment Services at Penta assists students in realistic planning for the future by helping them discover their interests, abilities, career preferences, and learning styles. Certified Career Assessment staff work with individual students to support them in determining options for their high school education and beyond. Students interested in enrolling at Penta as a sophomore will complete a career assessment during their freshman year. High school students at other grade levels can request a career assessment by contacting their school counselor.

Additional Career-Technical Programs & Services

Career-technical programs are also offered as early as tenth grade for students who would benefit from specialized instruction and support services. Admission to these programs requires a referral from the student's high school counselor along with a career assessment at Penta.

These programs include:

- Automotive Technology
- Construction & Building Maintenance
- Culinary & Hospitality Services
- Horticulture – Floral & Greenhouse Services
- Horticulture – Landscaping & Outdoor Systems
- Inventory & Warehouse Operations
- Medical Technologies
- Welding

Each of these programs may include participation in the Transition-to-Work program.

Additionally, Penta offers Job Training and Project SEARCH programs for students who may require assistance in preparing for their future. All of these programs provide specialized personnel to meet students' individual needs.

For more information on these programs and services, see your high school counselor.

Other Options

- **Senior Only Programs**

Some career-technical programs are offered just for students during their senior year on the Penta campus and at several member schools. Contact the Penta Student Services & Admissions Office at 419-661-6480 for more information on these program options.

- **Career Based Intervention (CBI)**

Penta offers CBI programs in satellite locations for those students who are behind in credits and are at-risk for dropping out of school. Through a cooperative effort between employers, parents/guardians, and the school, students learn to become productive workers and earn credits toward graduation. Applications for this program are available at Penta or by contacting the student's school counselor.

High School Career-Technical Programs

Penta career-technical programs focus on preparing students for immediate employment and further education/training. In each program, students can benefit from a variety of opportunities which may include:

- Early job placement
- Internships
- College credit
- Certifications
- Scholarships
- Memberships in Career-Technical Student Organizations

Visit pentacareercenter.org and click on "Program Choices" to learn more.

Advanced Manufacturing Technologies

- Utilize advanced computer-controlled technology to design, create and build high-tech precision parts and tools used worldwide in everyday products
- Program and operate advanced robotic equipment to perform a variety of manufacturing applications
- Program and control industrial CNC machines to produce products from engineering blueprints to print specifications

Automotive Collision Repair

- Design and refinish vehicle surfaces using modern welding, sanding, masking, and custom painting techniques
- Assess damage and estimate repair costs to restore damaged vehicles to factory specifications
- Utilize the same advanced equipment as master technicians

Automotive Technology

- Work on any car in a rapidly changing industry using a full systems approach
- Analyze, diagnose, maintain, and repair basic and advanced automotive systems
- Use the same advanced diagnostic and repair equipment as master technicians

Computer-Aided Design

- Visualize and construct 3D models and prototypes for architectural and mechanical designs
- Find creative solutions to complex engineering and architectural challenges
- Use the same advanced software and modern equipment as professional engineers and architects

Construction Carpentry

- Work in all aspects of construction including estimating, framing, roofing, and interior finishing
- Plan, manage, and complete commercial, residential and community projects
- Operate a wide range of power tools and professional equipment

Construction Concepts *(For Seniors Only)*

- Learn introductory construction safety, skills and concepts
- Operate a wide range of power tools and professional equipment
- Plan and manage projects from concept to completion

Construction Electricity

- Design and install commercial and residential power systems from “rough in” to “finish”
- Power advanced motor controls while utilizing specialized tools and equipment
- Work with professional electricians on commercial, residential and community projects

Construction Masonry

- Construct a variety of brick, block, stone, and concrete projects in the community
- Design and create long-lasting residential and commercial structures
- Use the same techniques and equipment as professional masons

Construction Remodeling

- Work in carpentry, masonry, plumbing, electricity, and interior finishing
- Plan and manage projects from concept to completion
- Utilize professional hand and power tools including specialized cabinet making equipment

Cosmetology

- Operate and experience a full-service interactive salon and spa environment
- Use individual creativity to provide a wide range of artistic hair, nail and skin care services
- Deliver a full range of professional salon treatments to exceed client expectations

Culinary Arts

- Work with professional chefs to create gourmet foods with artistic presentation
- Become a key part of the team that develops entire meals and unique dining experiences in a full-service restaurant
- Plan, prepare and serve catered meals for upscale community events and casual dining

Dental Assistant

- Deliver quality patient care alongside dentists, dental specialists, hygienists, and office personnel
- Prepare patients, instruments, materials, and treatment areas for a wide range of dental procedures
- Use the same specialized equipment as practicing professionals within the dental laboratory, sterilization and radiology labs

Digital Art Design

- Create high-impact web pages, and print/graphic designs using advanced Adobe programs and software applications
- Develop, design and produce promotional materials using traditional and digital art to exceed client expectations
- Edit and manipulate photos and video using professional digital equipment

Digital Video Production

- Develop, produce and deliver unique video and audio projects for TV and commercial broadcast from concept to completion
- Work individually and in teams to create dynamic films, documentaries, music videos, sportscasts, and newscasts
- Utilize creative and artistic talents using professional equipment and media to exceed client expectations

Early Childhood Education

- Experience the excitement of working with preschoolers and infants in an onsite, state licensed early learning center
- Influence the future of children by shaping their intellectual, social, emotional, and physical development through dynamic teaching strategies
- Create, research and provide developmentally appropriate learning materials and activities for children from birth to 5-year-olds

Exercise Science & Sports Medicine

- Explore a wide range of career options related to personal/group fitness, athletic training, and physical and occupational therapy
- Assess an individual's overall fitness, endurance, and nutritional status to develop a personal improvement plan
- Use professional equipment and techniques to assist with injury prevention and rehabilitation

Heating & Air Conditioning Technology

- Design, fabricate and install heating, ventilation, air conditioning, and refrigeration systems
- Plan, manage and complete residential and commercial projects in the community
- Utilize professional tools and equipment to diagnose and repair advanced systems

Information Technologies Academy

- Assemble, operate, install, upgrade, troubleshoot, and repair a wide variety of computers, information systems, software applications and network systems; and become a certified technician
- Use high-tech tools and industry techniques to explore specializations in the fields of cybersecurity, advanced networking, programming, computer game design, robotics, electronics, and more
- Gain real-world experience through public service and community involvement

Marketing Education

- Experience a wide range of dynamic business strategies for creating, communicating, and delivering products and services to customers
- Design and implement powerful marketing and management plans to solve real-world business challenges
- Work with marketing professionals in a competitive business management setting

Medical Office Management

- Provide high quality customer service, as part of a professional team, in a wide range of medical environments such as hospitals, doctor offices and health insurance facilities
- Integrate ethical standards, confidentiality and professionalism when interacting with patients, clients and employers
- Experience software applications, computer technology and simulations from initial consultation to final billing

Medical Technologies Academy

- Work with health care experts to provide quality patient care
- Explore a wide range of career options in nursing, nursing assistant, phlebotomy, pharmacy technician, home health aide, dietary aide, and other health care professions
- Practice a variety of health care processes, techniques and diagnostic procedures in a professional environment

Powersports & Engine Systems

- Service snowmobiles, motorcycles, personal watercraft, tractors, lawn and agricultural equipment
- Troubleshoot, weld, maintain and repair small engines, recreational equipment and compact diesel equipment
- Use the same tools and techniques as professionals

Public Safety/Criminal Justice

- Explore a wide range of experiences in criminal investigations, forensics and emergency response to terrorism
- Work with local law enforcement and homeland security professionals to keep the community safe
- Practice self-defense tactics and learn crime scene investigation

Public Safety/Firefighter

- Work with firefighters, emergency medical and public safety professionals in the community
- Evaluate ways to combat different types of structure fires and the necessary protocols involved
- Operate a wide range of firefighting, security and life-saving equipment

Small Animal Care

- Provide daily care to a variety of animals while working closely with veterinarians, biologists, technicians, and specialists
- Explore veterinary science, surgical procedures, disease prevention, grooming, and training
- Deliver quality customer service in a retail store environment

Teaching Professions *(For Seniors Only)*

- Work with professional educators in elementary, middle, secondary, and special needs classrooms to plan lessons, develop activities and tutor students
- Explore learning styles and teaching strategies that lead to a career in education
- Create a comprehensive reflective portfolio while exploring a variety of educational opportunities

Welding

- Use advanced welding techniques and fabrication equipment to design, engineer and assemble metal components
- Design and fabricate products to solve manufacturing challenges for clients
- Interpret blueprints to meet critical design specifications

Penta Career Center
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Perrysburg, OH 43551
419.666.1120
pentacareercenter.org

GUIDELINES FOR OTSEGO HIGH SCHOOL BAND STUDENTS INTERESTED IN ATTENDING PENTA CAREER CENTER

Otsego High School and Penta Career Center encourage students to stay involved in extra-curricular activities. Schedules for students who are interested in remaining in the Otsego High School band and attending Penta will be reviewed on an individual basis.

General guidelines:

If a student has a morning lab and afternoon academics, and there are no make-up credits or End of Course intervention needed, the student may be able to drop D block first semester. This would allow the student to participate in band every day through marching season and the remainder of first semester. Beginning in January, the student would need to be at Penta for the full day to take academics. Transportation is the responsibility of the student/parent.

- Student may not be credit deficient
- Student must have all EOC tests
- Student is only enrolled in 3 academics (English, Math (11th), Social Studies (11th) Science (12th))
- Student has D block (1:27-2:55) open for one semester
- Student has a morning lab

If the above conditions are met, the student may return to Otsego High School for band during one semester (preferably fall).

If a student has morning academics and an afternoon lab, this would need to be looked at on an *individual basis*. Students requesting this option should be aware of the following:

- If students returned for band on Tuesdays and Thursdays only, they would miss approximately three hours of lab per week out of the fifteen hours scheduled per week. This would be missing twenty percent of the career lab each week.
- Students would be expected to maintain close contact with the lab instructor, as work missed would need to be made up. Since lab is largely hands-on in most cases, there may be some work that cannot be made up.
- Students with an adjusted schedule would be expected to be in good standing academically (grades of C or better in the class missed at interim and the end of the quarter,) to continue on an adjusted schedule.
- Transportation is the responsibility of the student/ parent.

If the above conditions are met, the student may return to Otsego High School for band during one semester (preferably fall).

***There is no guarantee that a student's schedule will accommodate a return to Otsego for band.

Otsego High School Curriculum

Agriculture Department

Agriscience 1 - Agriculture, Food and Natural Resources – 1.25 credits (0.5 science credit) (Grade 9)

Agriculture, Food and Natural Resources is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the

FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry. All students will conduct a Supervised Agricultural Experience and will be members of the Otsego FFA Chapter. FFA membership is paid for by Penta Career Center and participation is required.

Agriscience 2 - Animal and Plant Science - 1.25 credits (0.5 science credit) (Grade 10)

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. All students will conduct a Supervised Agricultural Experience and will be members of the Otsego FFA Chapter. FFA membership is paid for by Penta Career Center and participation is required.

Agriscience 3 – Business Management for Agricultural and Environmental Systems – 1.25 credits (Grade 11)

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified. All students will conduct a Supervised Agricultural Experience and will be members of the Otsego FFA Chapter. FFA membership is paid for by Penta Career Center and participation is required.

Agriscience 4– Global Economics and Food Markets – 1.25 Credits (Grade 12)

Students will examine economic principles related to agriculture, food, and natural resources along with the operation and use of commodity futures and option markets. Students will learn economic principles with emphasis on their application to the solution of agricultural industry problems. They will examine future exchanges and commodity futures contracts, hedging strategies, as well as put and call options. Throughout the course, students will become familiar with the causes and consequences of economic growth, globalization and development. All students will conduct a Supervised Agricultural Experience and will be members of the Otsego FFA Chapter. FFA membership is paid for by Penta Career Center and participation is required.

Advanced Agriculture (Capstone) - 1.25 Credits – (Grades 11-12)

This course is designed to enhance students' knowledge in different areas of agriculture. Areas of study shall include, but not limited to, communication skills, leadership skills, career development events, service learning, agricultural mechanical skills, and employability skills. Students will learn the

importance of team building and how ones actions can affect the whole group. Students will foster positive working relationships among their peers while working together on projects. All students will conduct a Supervised Agricultural Experience program and will be an active member of the Otsego FFA Chapter. FFA membership is paid for by Penta Career Center and participation is required.

Prerequisite: A student must be a junior or senior and be enrolled in either Agriscience III or Agriscience IV. **Fee:** None

Art Department

Art 1 - 1.0 Credit

Art 1 is an introductory course that focuses on the elements of art: line, shape, texture, color, value, space, form, contrast and composition. This course is project-based and explores a variety of medias. Art history, appreciation, criticism and visual culture are integrated as they relate to the projects. Craftsmanship and deadlines are emphasized. **Prerequisite:** None **(Note: This class has a fee)**

Art 2 - 1.0 Credit

Art II continues the study of the elements of art and 3 dimensional design. Medias include graphite, watercolor, acrylic paint, pastels, printmaking, hand built ceramics, sculpture, cold glass, and any mixture of the above. Craftsmanship and project deadlines emphasized. **Prerequisite:** Successful completion of Art I with C or better. **(Note: This class has a fee)**

Art 3 - 1.0 Credit

Art III projects look deeper into historical art works and artist. The students are allowed some input into the media chosen. Projects take on larger scale and can include graphite, watercolor, acrylic paint, printmaking, ceramics, metals and glass, and mixed media. Craftsmanship and project deadlines emphasized. **Prerequisite:** Successful completion of Art II with C or better. **(Note: This class has a fee)**

Art 4 - 1.0 Credit

Art 4, 2-D studies emphasize the motivation and purpose of art. Students are encouraged to develop their own projects with guidance from the instructor, based on the knowledge they acquired in their previous art studies. These projects could also include a portfolio for that planning higher art education. Medias include watercolors, acrylic, graphite, ceramics, cold glass and metals. Students are encouraged to look at everyday items as art supplies and look to alternative resources for art materials, at little to no cost. Craftsmanship and project deadlines emphasized. **Prerequisite:** Successful completion of Art III with C or better. **(Note: This class has a fee.)**

Digital Photography/Art-0.5 Credit (may be taken twice for a total of 1 credit)

Digital Photography/Art utilizes the student's smartphones with a 5 megapixel camera or larger, photoshop and photo applications. The students learn basic photo editing utilizing the industry's largest photo manipulation program. We also explore utilizing ambient light, both indoor and outdoor, and creating digital art through a variety of mediums. No cameras are provided. Craftsmanship and project

deadlines are emphasized. **Prerequisite:** Successful Completion of Art I with a C or better. A student may repeat the course with instructor permission. **(Note: This class has a fee.)**

Ceramics -0.5 Credit

Ceramics is a one semester class introducing the students to hand building and wheel work in ceramics. The course explores different clay types and different glazing techniques. Additional non-traditional firing techniques may also be explored. Craftsmanship and project deadlines emphasized.

Prerequisite: Successful completion of Art I with a C or better. A student may repeat the course with instructor permission. **(Note: This class has a fee.)**

Business and Economics Department

Business Department

Foundations of Business and Marketing - 1.0 Credit – (Grades 9-12)

This is the first course for the Business Department and is required in order to take other courses. This course introduces students to specializations within Business, Marketing and Finance. Students will obtain knowledge and skills in fundamental business and marketing activities. They will acquire knowledge of business processes, economics and business relationships. They will also acquire knowledge of marketing strategies, market identification techniques, employability skills, business ethics and law, economic principles and international business. Technology, leadership and communications will be incorporated in classroom activities.

Entrepreneurship – 1.0 Credit – (Grades 10-12)

This is a project-based class. Students will use innovation skills to generate ideas for new products and services, evaluate the feasibility of ideas, and develop a strategy for commercialization. They will use technology to select target markets, profile target customers, define the venture's mission, and create business plans. Students will take initial steps to establish a business. Students will calculate and forecast costs, break-even, and sales. Establishing brand, setting prices, promoting products, and managing customer relationships will be emphasized. Students will also be managing a student-run business in the school.

Prerequisite: Must have completed Foundations of Business and Marketing

Accounting – 1.0 Credit – (Grades 11-12)

Students will track, record, summarize, and report a business's financial transactions. They will develop financial documents, project future income and expenses, and evaluate the accuracy of a business's financial information. Students will also apply tools, strategies, and systems to evaluate a company's financial performance and monitor the use of financial resources. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

Management and Leadership Studies I – 1.0 Credit – (Grades 10-12)

Students will plan, actualize, and run a small business. They will define their business's mission; develop the business's vision, goals and objectives; and create a business plan. Students will also develop a budget and recruit, interview, select, hire, and manage employees. They will examine legal and ethical issues associated with management as well as management functions, levels and types. Project management technology, tools and processes will also be emphasized. Student participation in Knight & Day Café is required.

Prerequisite: Must have completed Foundations of Business and Marketing. This course is by application and teacher recommendation only.

Management and Leadership Studies II – 1.0 Credit – (Grades 11-12)

Students will learn to plan, organize, and monitor day-to-day business activities. They will use technology to plan production activities, forecast inventory needs, and negotiate vendor contracts. Students will also calculate break-even, set cost-volume-profit goals, and develop policies and procedures to promote workplace safety and security. They will design sustainability plans and use lean and six sigma principles to plan for quality improvement. Corporate social responsibility, ethics, risk management and compliance will be emphasized.

Prerequisite: Must have completed and passed Management and Leadership Studies I. This course is by application and teacher recommendation only.

Business and Administrative Services Capstone – 1.0 Credit – (Grade 12 Only)

Seniors with all graduation requirements met, who are enrolled in one business course, will have the opportunity to participate in a business capstone. Students will apply knowledge, attitudes and skills that were learned in a Business and Administrative Services program in a more comprehensive and authentic way in this capstone course. Capstones often include project-/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through community partnerships, students may combine classroom learning with work experience. This course can be delivered through a variety of delivery methods including cooperative education or apprenticeship.

Co-requisite: Students must be enrolled in one other business course to be eligible for work release.

The Otsego High School English Department Motto:

Analytical Readers. Inspired Writers. Effective Communicators. Independent Thinkers.

OHS English courses will combine instruction in literature with composition. Reading, writing, responding, and reasoning are integral parts of the Common Core Standards for English Language Arts. **There is a summer reading component for all 9th through 12th grade Honors English courses.**

English Department Core Courses

Composition I & World Literature - 1.0 Credit (Grade 9)

This course is a 1 credit course divided into two semesters (Comp. I - 0.5 credit, World Lit. - 0.5 credit). The first semester focus will be on foundational writing skills. The second semester focus will be on applying these skills in the study of world literature. **Prerequisite:** None **(Note: This course has a fee.)**

Honors Composition I & Honors World Literature - 1.0 Credit (Grade 9)

This is a weighted course divided into two semesters (Honors Comp. 1 - 0.5 credit, Honors World Lit. - 0.5 credit). *Summer reading is required.* The first semester focus will be on enhancing the students'

writing skills. The second semester focus will be on applying these skills as they analyze and evaluate world literature. **Prerequisite:** A score of proficient or above on the Honors English entrance exam. **(Note: This course has a fee.)**

Composition II & Perspectives in Literature - 1.0 Credit (Grade 10)

This course is a 1 credit course divided into two semesters (Comp. II - 0.5 credit, Perspectives in Lit. I - 0.5 credit). The first semester focus will be on applying the foundational writing skills to constructive responses, persuasive writing, essays, and ACT prep. The second semester focus will be on applying these skills in the study of world literature. **Prerequisite:** None **(Note: This course has a fee.)**

Honors Composition II & Honors Perspectives in Literature - 1.0 Credit (Grade 10)

This is a weighted course divided into two semesters (Honors Comp. II - 0.5 credit, Honors Perspectives in Lit. I - 0.5 credit). *Summer reading is required.* The first semester focus will be on enhancing the students' writing skills and applying these skills to constructive responses, persuasive writing, essays, and ACT prep. The second semester focus will be on applying these skills in the study of world literature. **Prerequisite:** B average or above in Honors Composition I & Honors World Literature or a score of proficient or above on the Honors English entrance exam. **(Note: This course has a fee.)**

American Literature Survey - 1.0 Credit (Grade 11)

This course is a 1 credit course divided into two semesters (American Lit. Survey I - 0.5 credit, American Lit. Survey II - 0.5 credit). The first semester focus will be on early American writing through the era of Romanticism. The second semester focus will be on Realism through Modernism. **Prerequisite:** None **(Note: this course has a fee.)**

Honors American Literature Survey - 1.0 Credit (Grade 11)

Summer reading is required. The first semester study will be on early American writing through the era of Romanticism. The second semester study will be on Realism through Modernism. This is structured as a college-ready, advanced course with a heavy focus on the significance of American Literature and Composition rhetoric. Note: specific requirements, objectives and course outcomes for the Dual Enrollment Option are aligned to the partnered university and require additional work. **Prerequisite:** B or higher average for the year in Honors Composition II and Perspectives in Literature or a score of proficient or above on the Honors English entrance exam. **(Note: This class has a fee.)**

British Literature Survey - 1.0 Credit (Grade 12)

This course is divided into two semesters (British Lit. Survey I -0.5credit, British Lit. Survey II -0.5credit). *Summer writing is required.* This course is designed to make students college ready. Writing focuses on the college admission essay, persuasion, and literary analysis. A service learning project is a course requirement. The first semester study will be on the Anglo-Saxon era through the Renaissance with a strong emphasis on Shakespeare. The second semester study will begin with Shakespeare and extend through Modernism.

Prerequisite: None **(Note: This class has a fee.)**

AP English Literature and Composition - 1.0 Credit (Grade 12)

This is a weighted course. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to

provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. *Summer reading is required.* **Prerequisite:** Student must have earned the three required English credits. **(Note: This class has a fee.)**

English Electives

Creative Writing – 0.5 Credit (Grades 10-12)

This course is designed for students who enjoy and wish to enrich their writing skills. Heavy concentration will be placed on writing for varied audiences and purposes, as well as developing self-expression through daily writing. This is a workshop-based class in which students will be required to write, publish, and present their work. **(Note: This class has a fee.)**

Foundations of Reading - 0.5 Credit (Grades 10-12)

This placement course is for 0.5 credit. This semester course teaches students reading strategies to improve their reading level, comprehension, and vocabulary. Students will read from all genres, including newspapers, magazines, digital media, and informational texts. This course will count as either an English or an elective credit depending on student need as determined by an administrator. **(Note: This class has a fee.)**

Speech and Debate – 0.5 Credit (Grades 10-12)

This course is designed for students who wish to refine their public speaking skills through argumentative reasoning. Students will become proficient in the areas of oral communication, interpersonal skills, listening skills, small group communication, and debate. These skills are necessary for the college bound student as well as for anyone who wants to become a more effective communicator. **(Note: This class has a fee.)**

Modern Literature – 0.5 Credit (Grades 10-12)

This elective course is for 0.5 credit. This course is designed for students who are avid readers and enjoy current works. Students will read and analyze a variety of literary genres published from 2000 through current day. **(Note: This class has a fee.)**

Shakespeare Study- 0.5 Credit (Grades 10-12)

This elective course is for 0.5 credit. This course is designed for students who wish to better understand and appreciate William Shakespeare as one of the most influential authors and playwrights across time. Students will examine and analyze a variety of famous works within this course. **(Note: This class has a fee.)**

Science Fiction and Fantasy Fiction Study – 0.5 Credit (Grades 10-12)

This elective course is for 0.5 credit. This course is designed for students who gravitate towards the genres of science fiction and fantasy fiction. Students will read, dissect and discuss these works from an imaginative point of view while assessing how an author creatively invents plot, characters and worlds beyond our own. **(Note: This class has a fee.)**

Family & Consumer Science Department

Principles of Nutrition and Wellness- 0.5 Credit – (Grades 9-12)

In this course, students will use principles of nutrition to ensure a healthy body throughout the lifecycle. An emphasis will be placed on planning and preparing nutritious meals with an understanding of nutrients and their benefits, portion control and dietary needs. Additional information will include steroid and supplemental use, body weight and management and the implementation of physical activity to maintain a healthy lifestyle, students weekly be physically active every week within this course. Offered during 1st and 2nd Semester

Personal Financial Management – 0.5 Credit - (Grades 11-12)

In this course, typically made of juniors and seniors, students will develop personal financial plans for individual well-being. Throughout the course, students will develop financial literacy skills to provide a basis for responsible citizenship and career success. In addition, students will spend time researching and developing their post-graduation plans including researching careers and occupations, developing their interviewing skills and participate in a job shadowing experience. Additional topics will include analyzing services from financial institutions, consumer protection, investing, risk management along with entrepreneurship. **This course is required for graduation.**

Culinary Fundamentals – 0.5 Credit - (Grades 11-12)

In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. An emphasis will be placed on mise en place, the management of time, ingredients and equipment. Students will apply standard recipe conversions using proper scaling and measurement techniques. Advanced cooking methods will be utilized. **Prerequisite:** Must have instructor approval before registering

Global Foods – 0.5 Credit - (Grades 11-12) In this course, students will compare cuisines, ingredients and preferred cooking methods of various cultures. The influence of traditions and regional and cultural perspectives on food choices and culinary practices will be emphasized. Students will examine the issues and conditions that affect the availability and quality of food in the global market, and apply advanced cooking techniques, including the use of specialty and advanced equipment in the preparation of food dishes. **Prerequisite:** Must have instructor approval before registering

Leadership and Community Engagement- 1.0 Credit – (Grades 11-12)

This class focuses on character development with a strong emphasis on community service. In this course, students will learn how to become an active community member and citizen. A significant part of the class will focus on service learning, leadership training and teambuilding opportunities. Knights Have Your Back will be an integral part of this course. This class will unquestionably focus on giving back to the Otsego community. Additional topics may include public policy issues, community and global engagement. **Prerequisites:**

- Junior or Seniors may apply
- Complete an application provided by instructor
- 1-page essay (instructions provided by instructor)
- 2.5 Cumulative GPA
- Proof of 20 or more hours of community service completed during the previous school year (see instructor for form to be completed)
- Have taken a Family and Consumer Science course in the past
- Students will be selected by a committee of teachers and administrators*

This class is capped at 9 students. (Seniors will be given preference if more than 9 students apply)

Venture Bound 1-1.0 credit (Grades 9-12)

Venture Bound 1 is the first part of a three-course sequence that helps students learn self-advocacy, personal finance, interview skills and work place expectations. This class helps students transition from school to work or post-secondary education by preparing them for successful and sustainable employment. This class takes place on the campus of Otsego High School. **Prerequisite:**

Instructor/School Counselor/Administrator team recommendation for placement only (Note this course has no fee)

Venture Bound 2-2.0 credits (Grades 9-12)

Venture Bound 2 is the second part of a three-course sequence in which students participate in volunteer placements and job training through work-based learning plan in the community, develop independent living skills and learn the unwritten expectations in the workplace. This class helps students transition from school to work or post-secondary education by preparing them for successful and sustainable employment. The majority of this class takes place off the campus of Otsego High School. **Prerequisite:** Instructor/School Counselor/Administrator team recommendation for placement only (Note this course has no fee)

Venture Bound 3-2.0 credits (Grades 9-12)

Venture Bound 3 is the third part of a three-course sequence in which students receive periodic job coaching as they participate in the work-release program and maintain off-campus employment during school hours. This class helps students transition from school to work or post-secondary education by preparing them for successful and sustainable employment. The majority of this class takes place off the campus of Otsego High School. **Prerequisite:** Instructor/School Counselor/Administrator team recommendation for placement only and successful completion of Venture Bound 2 (Note this course has no fee)

Foreign Languages Department

Spanish 1 - 1.0 Credit - (Grades 9-12)

This is a beginning level course, which follows Ohio's New Learning Standards for World Languages. The course focuses on improving the students' interpretive, interpersonal and presentational communication skills at the basic level. The course is taught in Spanish primarily, with some English. Every attempt will be made to move the student toward the use of Spanish as they progress in the mastery of these skills. Students will be expected to use these skills to express themselves orally and in writing, as well as in their attempts to understand the communication of others over a controlled set of topics surrounding everyday life. **Prerequisite:** "C" average in English **(Note: This class has a fee.)**

Spanish 2 - 1.0 Credit - (Grades 10-12)

This is the second class in a continuous 4-year long program. In this course students will continue to work on the broad themes of family, school, modern life using the 4 communicative skills of listening, speaking, reading and writing according to the Ohio World Language Standards. Students taking this course will begin to use more complex language such as that required for talking about events in the past. Hispanic culture is an integral part of this course. **Prerequisite:** C in Spanish 1 **(Note: This class has a fee.)**

Spanish 3 - 1.0 Credit - (Grades 10-12)

This course is the third (intermediate) level in the four-year Spanish program. This course also follows Ohio's New Learning Standards for World Languages with a continued focus on improving the students' interpretive communication, interpersonal communication, and presentational communication skills, as well as their understanding of the somewhat more independent use of the language by the student. Students will continue to develop greater comprehension and fluency in the basic skills of listening, speaking, reading and writing, but they will also be introduced to the use of the language for the formulation of abstract ideas. Students will begin to study idiomatic language, hypothetical situations, and speaking conditionally. Culture is stressed at this level through film, reading, projects and individual research. **Prerequisite:** "C" average in Spanish 2 **(Note: This class has a fee.)**

Spanish 4 - 1.0 Credit - (Grade 11-12)

This course is taught in Spanish, stressing a communicative approach to language. Students will listen, speak, read and write in Spanish. While continuing to develop their proficiency in reading and writing and listening the students will be expected to attempt to use Spanish only as their means of communication in the classroom. There will be an emphasis on geography, politics, history and literature. Students will read some short poems and stories in Spanish. They will have access to technology and culturally accurate materials as well as film. **Prerequisite:** B in Spanish 3 **(Note: This class has a fee.)**

Health & Physical Education

Health – 0.5 credit - (Grades 9-10)

This required course in health is designed to develop new and to enhance existing habits, attitudes and knowledge related to individual and social health. Emphasis is placed on the needs of the student mentally, physically and socially. **Prerequisite:** None **(Note: This class has a fee.)**

Advanced Health – 0.5 credit - (Grade 12)

Upon completion of this class, students will receive certification in First Aid and CPR (infant, child, and adult), AED. **Prerequisite:** Must have passed Health with at least a C **(Note: This class has a fee.)**

Physical Education – 0.25 credit - (Grades 9-12)

This course is planned to develop skills in activities that will provide for personal enjoyment and worthy use of leisure time as well as the development of physical fitness and efficient use of the body in all activities. Activities will be taught on a unit basis and will include the following: softball, touch football, basketball, volleyball, archery, badminton, speedball, and soccer, cardio fitness and handball. **Students may only take this course two times, until the threshold of 0.5 credits is met for graduation requirements. Prerequisite:** None **(Note: This class has no fee)**

Advanced Physical Education – 0.25 credit - (Grades 11-12)

This course is designed to give the student an opportunity to stay physically fit by playing team sports as well as other lifetime recreational activities. Students must have a serious attitude toward playing activities before they enroll in this course. **Students may only take this course (or a combination of Weight Training and Advanced Physical Education) two times beyond the required PE. Prerequisite:** Must have passed Physical Education. **(Note: This course has no fee)**

Weight Training – 0.25 credit-(Grades 10-12)

This elective course is designed for the student interested in developing speed and power for athletics, physical fitness, and daily living. Students are required to take an active role in the learning process. This class includes initial development in the techniques of proper lifting followed by testing to determine baseline strength and abilities. Emphasis will be placed on teaching the proper exercise technique; safety, spotting and program design to effectively and safely enhance the individual's strength and fitness level. Students are required to chart their daily work in the weight room. **Students may only take this course (or a combination of Weight Training and Advanced Physical Education) two times beyond the required PE. Prerequisite:** Completion of Physical Education requirements **(Note: This course has no fee)**

Industrial Technology Department

Technical Drawing – 1 credit – (Grades 9-12)

The first semester of the class will introduce architectural drawing and home planning. The second semester will emphasis Geometric and Mechanical drafting and design concepts. Board drawing and

computer-aided drawing techniques are introduced and practiced. Correct use of instruments and industry accepted practices are stressed. **Prerequisite:** None (**Note: This class has a fee.**)

Industrial Technology 1 - 1.0 Credit - (Grades 9-12)

This is an introduction to project design and drawings. Students will do a quality insurance project in wood. Students will study and produce a mass production project. Construction and transportation are topics that will be covered also. **Students must pass a safety test to remain in class. (Note: This class has a fee.)**

Industrial Technology 2 - 1.0 Credit - (Grades 10-12)

Advanced work and more complex projects are encouraged. After an introduction to advanced woodworking, the student may select any area that was covered in Industrial Technology 1 to specialize in for the remainder of the school year. **Students must pass a safety test to remain in class. Prerequisite:** Successful completion of Industrial Technology 1 (**Note: This class has a fee.**)

Industrial Technology 3 - 1.0 Credit - (Grades 11, 12)

Advanced Cabinetmaking and Wood Construction. Students will design and build advanced projects in cabinetry, furniture making and wooden structures. Designs are approved and supervised by the instructor. Projects may include school-based, and community-based service constructions.

Prerequisite: Successful completion of Industrial Technology II and approval from instructor (**Note: This class has a fee.**)

Industrial Technology 4 – 1.0 Credit - (Grade 12)

Independent Study in Advanced Cabinetmaking and Wood Construction. Students will design and build advanced projects in cabinetry, furniture making and wooden structures. Designs are approved and supervised by the instructor. Projects may include school-based, and community-based service constructions. Students will, under the direct supervision of the instructor, assist in project preparation for, and instruction of beginning students. **Prerequisite:** Successful completion of Industrial Technology III and approval from instructor (**Note: This class has a fee.**)

Math Department

Algebra 1 - 1.0 Credit - (Grade 9)

This course is a traditional College Preparatory Algebra 1 course. This first level of Algebra introduces the structure for all further mathematical study. There is a strong focus on the main rules and properties that form the foundation of the real number system. The rules and properties learned develop a student's skill in the following content: variables, order of operations, expressions, equations, real numbers, solving linear equations, problem solving, relations and functions, analyzing linear equations, solving linear inequalities, solving factoring, quadratic and exponential functions, radical expressions, rational expressions and equations, and data analysis. **Prerequisite:** None (**Note: This class has no fee**)

Geometry - 1.0 Credit- (Grade 10)

The Geometry course includes an in-depth analysis of plane, solid, and coordinate geometry as they relate to both abstract mathematical concepts as well as real-world problem situations. Topics include logic and proof, parallel lines and polygons, perimeter and area analysis, volume and surface area analysis, similarity and congruence, trigonometry, and analytic geometry. Emphasis will be placed on developing critical thinking skills as they relate to logical reasoning and argument. Students will be required to use different technological tools and manipulatives to discover and explain much of the course content. **Prerequisite:** None (**Note: This course has no fee**)

Algebra 2 - 1.0 Credit- (Grade 11-12)

This course is a traditional College Preparatory Algebra 2 course. Algebra 1 topics are studied in more detail in Algebra 2. Additional topics that are included in Algebra 2 include: sets of numbers, solving equations and inequalities, and representing their solutions in set-builder notation and interval notation, linear relations and functions, systems of equations and inequalities, matrices and determinants, polynomials, factoring radical expressions, rational exponents, complex numbers, quadratic functions, polynomial and rational functions, conic sections, rational expressions and equations, exponential and logarithmic functions, sequences and series of numbers and binomial theorem. **Prerequisite:** None (**Note: This class does not have a fee**)

Trigonometry - 0.5 credit - (Grade 11-12)

This is 0.5 credits of a 1 credit course (Trigonometry and Statistics) and offered in Semester 1. This course is an in-depth focus on trigonometry. We cover solving right triangles using sin, cos, tan. We also explore law of sine and cosine. The unit circle is connected to the graphing of sin and cos. Problem solving strategies and application problems involving real situations will be emphasized. Students will create a project for each quarter emphasizing a real-life scenario. **Prerequisite:** None

Statistics - 0.5 credit - (Grade 11-12)

This is 0.5 credits of a 1 credit course (Trigonometry and Statistics) and offered in Semester 2. This course offers an introduction to descriptive statistics and data collection. Later in the course we explore the use of a bell-shaped curve at a beginner's level. Problem solving strategies and application problems involving real situations will be emphasized. Students will create a project for each quarter to solve a real-life problem using statistics to make decisions. **Prerequisite:** None

Honors Geometry - 1.0 Credit- (Grades 9-10)

There will be more work on algebra skills, geometric relationships, organizing data and information, data analysis and probability, and problem-solving strategies. A rigorous approach will be used. Accelerated Math 1, 2, and 3, should be taken in succession to learn the full range of math concepts begun in this course. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted.** **Prerequisites:** "B" in Algebra 1 or teacher permission

Honors Algebra 2 - 1.0 Credit- (Grades 10-11)

This course is designed for the student that is following the Honors sequence of mathematics and follows the Honors Geometry course. The content in this course includes: concepts of Algebra 1 which

include algebraic expressions, polynomials, factoring, rational expressions, linear equations, and inequalities, and their graphs. In addition, the following concepts will be covered: complex numbers, quadratic equations, functions, polynomial and rational functions, exponential and logarithmic functions, systems of equations and inequalities, matrices and determinants, conic sections, sequences, series and the binomial theorem. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted. Prerequisites:** B in Honors Geometry or A in Geometry or teacher permission **(Note: This class has no fee)**

Pre-Calculus - 1.0 Credit- (Grades 11-12)

This Course is a study of functions through a graphing approach. Algebraic topics are continued and extended to more complicated functions, including polynomial functions, rational functions, exponential and logarithmic functions, and trigonometric functions. Emphasis will be placed on the development and application of mathematical principles. This course should prepare the student for a beginning course in Calculus. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted. Prerequisites:** B in Honors Algebra 2 or A in Algebra 2 or teacher permission. **(Note: This class has no fee)**

Calculus - 1.0 Credit- (Grade 12)

This course is a thorough study of functions, limits, derivatives, integration, transcendental functions, polar coordinates, and differential equations as well as various applications. This course will be taught and conducted on a college level and will be demanding in every concept. The student will be expected to spend considerable time in preparation for this class. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted. Prerequisites:** "B" in Pre-Calculus or teacher permission.

Music Department

Chorale - 1.0 Credit - (Grades 10-12)

The Otsego Chorale is open to freshmen (only if selected for Swing Choir), sophomores, juniors and seniors by audition only. The choir director will hold auditions the year before (when scheduling classes for the up-coming school year). The purpose of the choir is to experience choral music using four to eight part selections through accompanied and a cappella singing. Students will also improve their skills of accurate sight-reading and rhythm production by rehearsing and performing many different styles of choral music. The Chorale will have several public performances: Fall Concert, Holiday Concert, Mid-Winter Concert, Spring Concert and the OMEA Large Ensemble District and State Contest. More performances may be added as the demand for such performances increases. Students have the option of participating in the OMEA District solo and ensemble contest. Attendance is mandatory at all performances. Students need to be a member of the concert choir for at least one year before becoming a member of the Otsego Chorale – acceptance into Chorale is at the Director's discretion. (Note: Students will be required to purchase an outfit and/or pay a uniform fee.) **Prerequisite:** Audition **(Note: This course has a fee)**

Band - 1.0 Credit - (Grades 9-12)

The high school band is open to any freshman, sophomore, junior or senior who performs a brass, percussion, or woodwind instrument. Membership is subject to the approval of the director. As with other classes, the year is divided into segments of learning. A portion of the year is dedicated to marching Band while another portion calls for individual students to display their abilities and development in the concert band. This also entails individuals learning in solos/ensembles, etc. The band is a yearly course. The Marching Band requires the student to attend August rehearsals (band camp) and rehearsals prior to performances (e.g. Wood County Fair). Extra rehearsals are held after school on Tuesdays and Thursdays once the school year has started. Performances for the Marching Band include all football games, pep rallies (fall); selected parades, bonfires, festivals and contests. Other performances may be added at the discretion of the director. The performance of music is the “testing” for band students. Since there are no “make-up” days for our testing, attendance is required for our performances. (Note: Marching Band students will be required to obtain part of their concert outfits and/or pay a uniform fee.) **The last day to drop/add band without a written note from a physician is June 1. Prerequisite:** Director approval **(Note: This course has a fee)**

Concert Choir - 1.0 Credit - (Grade 9)

The Concert Choir is open to any freshman. The choir director will hold auditions the year before when scheduling classes for the following year. The students will improve their singing skills of accurate pitch, rhythm reproduction and sight-reading while performing three to four part music in different styles. The Concert Choir is a training choir for the Otsego Chorale. They will be required to perform three yearly concerts with the Chorale. Performances may be added to the calendar as the demand for such performances increases. Students will have the option of participating in District I Solo and Ensemble Contest. Attendance is mandatory for any large ensemble competition in which the choir participates. Attendance is mandatory at all performances.

(Note: Students will be required to purchase an outfit and/or pay a uniform fee.) **Prerequisite:** Audition **(Note: This course does have a fee)**

Jazz Band -0.5credit - (Grades 9-12)

The Otsego High School Jazz Band is open to any freshman, sophomore, junior, or senior recommended by the director who can fill a role in the traditional instrumentation of the jazz band. From time to time there may be other instruments/personnel added if the music calls for it. Typical instrumentation includes: Trumpets, saxophones, trombones, drum set, auxiliary percussion, guitar, bass guitar, and piano. The jazz band will rehearse after school on Tuesdays and Thursdays once marching band is completed. Students will be graded on attendance at both rehearsal and performances. As well as school sponsored concerts, the jazz band typically performs several concerts outside of our normal school concerts. The jazz band is a much smaller ensemble than the marching band or concert band. Therefore, attendance is important to the success of the group. As with other performing groups at

Otsego, attendance is mandatory at all performances. Along with attendance, emphasis will also be placed on attitude, appearance, and conduct. Inappropriate conduct may warrant removal from the group. Note: Because this class falls outside of the regular nine (9) period day, the credit will not count towards class ranking **Prerequisite:** Director approval (**Note: This course does not have a fee**)

Women's Choir - 1.0 Credit - (Grades 10-12)

The Women's Choir is open to any freshman, sophomore, junior, or senior (women only). There is no audition process to be involved with the Otsego Women's Choir. The women will improve their singing skills of accurate pitch, rhythm reproduction, and sight-reading while performing three and four part music in different styles. The Women's Choir will be required to perform at four yearly concerts. Performances will be added to the calendar as the demand for performances increase. Students will have the option to perform in the District I Solo/Ensemble Contest. Attendance is mandatory for any large ensemble competition in which the choir participates. Attendance is mandatory at all performances. (Women will be required to purchase an outfit for the Women's Choir) **Prerequisite:** None (**Note: This course has a fee**)

Men's Choir - 1.0 Credit - (Grades 10-12)

The Men's Choir is open to any freshman, sophomore, junior, or senior (men only). There is no audition process to be involved with the Otsego Men's Choir. The men will improve their singing skills of accurate pitch, rhythm reproduction, and sight-reading while performing three and four part music in different styles. The Men's Choir will be required to perform at four yearly concerts. Performances will be added to the calendar as the demand for performances increase. Students will have the option to perform in the District I Solo/Ensemble Contest. Attendance is mandatory for any large ensemble competition in which the choir participates. Attendance is mandatory at all performances. (Note: Men will be required to purchase an outfit for the Men's Choir) **Prerequisite:** None (**Note: This course has a fee**)

Music Appreciation - 1.0 Credit - (Grades 9-12)

Music Appreciation is designed for any student who would like to have a better understanding how music has evolved to where it is today. Although emphasis will be placed on music history of the United States, it will also include highlights of the Renaissance, Baroque, Classical and Romantic eras. Important composers and music styles will be covered. Students will be taught the elements of jazz which opened the way to rock and roll, etc. **Prerequisite:** None (**Note: This course has no fee**)

Music Theory - 1.0 Credit - (Grades 9-12)

This course is good for students who plan on developing a career in music as it will prepare them for theory entrance exams and music theory at the college level. Music Theory teaches the beginning

elements of how music is constructed, written and analyzed. Students will also begin learning the basic fundamentals of ear training. They will be taught how to determine by ear intervals (distances between notes) as well as chord qualities. Rhythmic as well as melodic dictation may also be part of this course.

Prerequisite: None (**Note: This course has no fee**)

Science Department

Physical Science - 1.0 Credit - (Grade 9)

Topics include chemistry, energy, waves, electricity, forces, motion, and astronomy. Students will be expected to take notes, read their textbooks, do their homework and engage in the laboratory experiences presented by their teachers. Skills emphasized include observing and hypothesizing, taking data, making and reading graphs and other visual models, comparing and contrasting, analyzing data, drawing conclusions, communicating information, as well as reading writing and math skills. This course is required and is a prerequisite for all other science classes. **Prerequisite:** None (**Note: This class has a fee.**)

Biology - 1.0 Credit - (Grades 10-12)

Biology is a course which investigates the composition, diversity, complexity, and interconnectedness of life on Earth. Fundamental concepts of heredity and evolution provide a framework through inquiry-based instruction to explore the living world, the physical environment, and the interactions within and between them. Students will engage in investigations to understand and explain the behavior of living things in a variety of scenarios that incorporate scientific reasoning, analysis, communications skills, and real-world applications. **Prerequisite:** None (**Note: This class has a fee.**)

Advanced Biology - 1.0 Credit - (Grades 10)

Advanced Biology is an advanced course in the life sciences. The enriched Biology curriculum includes: Ecology, Biochemistry, Cellular Biology, Evolution, Genetics, and History of Life. This course will be faster-paced and have a more in-depth curriculum than Biology. The course focuses not only on content, but also on developing higher-level thinking skills in scientific inquiry, accurate recording and data-interpretation and analysis. A great deal of emphasis is placed on laboratory work. Students must have good reading and writing skills. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted.** **Prerequisite:** Students must have a B average in Physical Science or Biology credit. (**Note: This class has a fee**)

Human Physiology - 1.0 Credit - (Grades 11-12)

This course is designed to give the student a more advanced understanding of the human body. It is a more detailed explanation of the functions of the human body and is an effective course as a background material for students who are interested in majoring in Pre-Med, Nursing, Physical Therapy, Pharmacology, or any Health-related career that requires an Anatomy and Physiology course. A cat dissection is required. **Prerequisite:** B in Biology. (**Note: This class has a fee**)

Chemistry -1.0 Credit - (Grades 11-12)

Chemistry is a physical science course that deals with a description of the chemical changes undergone by matter and attempts to provide explanations for those changes. Topics covered include the basic mathematics included in chemistry, kinetic molecular theory, atomic theory, atomic structure,

periodicity, energy effects, rates of reactions, chemical bonding, elementary stoichiometric, solutions, acids and bases, and if time permits, gas laws, chemical equilibrium and oxidation-reduction reactions. This course is heavily laden with both mathematics and laboratory experiments. **Prerequisite:** B in Biology with a co-requisite of Algebra 2 **(Note: This class has a fee.)**

Physics - 1.0 Credit - (Grades 12)

Physics an honors science course that is the study of matter and energy. Topics of study include the basic mathematics required in physics, one dimensional and two-dimensional kinematics, one dimensional and two dimensional forces, rotational motion, momentum and collisions, transformation of energy, electricity, and waves. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted.** **Prerequisite:** 3 years of science, preferably including Chemistry, and a co-requisite of Pre-Calculus. **(Note: This class has a fee.)**

Greenhouse Science – 1.0 Credit - (Grades 11-12)

Greenhouse Science is an advanced agriculture class, open to any junior or senior, and which gives the student an advanced science credit. This class is different from other science classes. Most classes have a certain amount of book work, and teachers make up projects to add in. In this class, the projects are what is most important. The book work is tailored to support the projects. Students will be working and studying outside and, in the greenhouse, as well as the classroom. Students will create products for sale such as salsa. Students in greenhouse science will study how to identify plants, and assist in landscaping around the schools. They will grow seedling, clone plants, and test soils. They will learn to run a greenhouse, work in a garden or garden center, create hanging baskets, and to grow food. Students who enjoy putting their hands and mind to work with living things will enjoy greenhouse science.

Prerequisite: Restricted to students in grades 11-12

AP Biology – 1.0 Credit - (Grades 11-12)

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through video, discussions and developing inquiry-based investigations as they explore the following topics: evolution, cellular processes, genetics, and ecology. This course requires that at least 25% of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry based investigations that provide students with opportunities to apply the science practices. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted.** **Prerequisite:** Advanced Biology and a Co-requisite of Chemistry **(Note: This class has a fee.)**

Social Studies Department

Global Studies - 1.0 Credit - (Grade 9)

This course is a traditional history course, designed to continue chronologically the history and geography explored in 7th grade Ancient Studies. Students will be exploring many topics, such as Revolutions (intellectual and aggressive revolutions); The Industrial Revolution, World Wars I & II, The Cold War; the ideas that led to independence movements, and the effects of global interdependence. This class will incorporate geography. This course will address the Department of Ohio Modern World History Standards **Prerequisites:** None **(Note: This class has a fee.)**

United States Studies - 1.0 Credit - (Grade 10)

This course is a traditional history course, designed to continue chronologically the history and geography explored in 8th grade U.S. Studies. The course will review major points in early American history, and will explore United States history from Reconstruction through present day. This course will integrate global issues, current events and geography. This course follows the benchmarks for the Ohio Department of Education standards. **Prerequisite:** None (**Note: This class has a fee.**)

AP United States History -1.0 credit (Grade 10): This course is a U.S. history course, designed to continue chronologically the history and geography explored in 8th grade U.S. Studies. The course will review major points and eras in early American history, and will explore United States history from Reconstruction through present day. During the duration of this class an emphasis will be placed on extended writing assessments along with primary source documents. This course will integrate global issues, current events and geography. Students thinking about taking this class need to excel as an individual learner. This course follows the benchmarks for the Ohio Department of Education standards. **In order to reflect the increasing difficulty level of this offering, the student's grades are weighted.** **Prerequisite:** Global Studies with a (B) average or with teacher recommendation.

American Government - 1.0 Credit - (Grade 11 - 12)

This course is designed to give students an overview of the American government system with emphasis on national, state and local systems. Areas of study will also include current events, and domestic and world economic issues. Students will understand and analyze the role of the individual in the American government system, as well as the role of the US in world affairs. The Constitution will be studied in depth. Students will become acquainted with voting policies and procedures, and are encouraged to participate in the voting process. This class follows the benchmarks found in the Ohio Department of Education standards. **Prerequisites:** None (**Note: This class has a fee.**)

Psychology/Sociology - 1.0 Credit - (Grade 12)

This is an excellent elective course for students interested in pursuing a career in a social science or the medical and business world where dealing with people is involved. Because of the nature of discussing present day social problems, some sensitive topics will be discussed. Psychology is a social science that deals with individual and group behavior. The purpose of this course is to explore those factors, genetic and environmental, that influence the way we behave and think. A wide variety of psychological topics will be explored in a variety of ways including the study of personality, mental health, various disorders, stress, sensory perception, along with the growth of psychology and influential individuals' theories on behavior. The course will teach students to better understand human behavior and prepare for traditional psychology courses in college. Sociology is a social science having to do with the nature of human society, the contribution of individuals, and the benefits and problems associated with social interaction. The course attempts to introduce the student to the nature of social interaction and the complexity of social institutions. This course will provide students with many group related activities and plenty of class participation. The class is very discussion oriented. **Prerequisite:** Government Grade: 11 Teacher Permission Required (**Note: This class has a fee**)

Technology & Digital Communications Department

Digital Communications – 0.5 credit – (Grades 9-12)

Digital Media Communications is a project-based course designed to educate students on the new and emerging digital world, as well as to provide hands-on experience with the latest software and equipment. It covers the basics of why digital communication is effective and provides practical uses for this technology. Topics covered in Digital Media classes include: creating a Google site portfolio, layouts and styles for Web pages, animation, the creation of multimedia projects, and the use of online communication tools for marketing and advertising. Digital Media integrates new technology with time-honored communication skills. It prepares students for the digital world and also gives the student first hand exposure to technology that will benefit them in high school and college courses. **Prerequisite:** A student may repeat the course with instructor permission. **(Note: This class has a fee.)**

Intro to Computer Science Principles – 1.0 Credit – (Grades 9-12)

This is the introduction class in the computer sciences. The class is built around the fundamentals of computing including problem solving, working with data, understanding the internet, cybersecurity, and programming. In this course students will be writing Android apps through a block-based programming language called App Creator. Through these tasks, students will gain an understanding and appreciation of the computer science field. The course maybe taken as 2 one semester classes or students can elect to take the first semester. **Prerequisite:** None **(Note: This class has no fee.)**

Application Design– 0.5 credit – (Grades 9-12)

Students will apply their programming ability to make a computer program that will benefit society. Students will work collaboratively developing software using object-oriented code. Students will work through all stages of product development including defining requirements, design, implementation, verification, and plan for maintenance. This course is a one semester elective in the computer sciences. It is expected that students have foundational knowledge of computer science before taking this course. **Prerequisite:** None **(Note: This class has no fee.)**

Robotics – 0.5 credit – (Grades 9-12)

In this course, students will be designing machines that will complete tasks. The students' project will attempt to solve a real-world problem. Students will learn how to design and program projects using the Raspberry Pi and Vex Robots. Students will research engineering and programming concepts to overcome any project obstacles and win challenges. It is expected that students have a background in computer science principles before taking this one semester class in the computer sciences. **Prerequisite:** None **(Note: This class has no fee.)**

Video Production – 0.5 credit – (Grades 9-12)

This is a project-based course. This course discusses and analyzes the fundamentals of video production, including the techniques and the aesthetics of shooting, lighting, and editing. Emphasizes hands-on production experience, using digital video. Students will engage in a multitude of video production projects that will be used to communicate information and events to the Otsego Local Schools and the

community. **Prerequisite:** A student may repeat the course with instructor permission. **(Note: This class has a fee.)**

Yearbook I & 2 – 1.0 Credit - (Grades 10-12)

The Yearbook course is an interdisciplinary technology elective and offers the student total involvement in the publication of the Otsego Shield. Activities include advertising, layout planning, photography, copy writing and editing, and other journalistic tasks. Students master advanced layout and design of desktop publishing, digital imagery, and photo placement. In addition to developing higher level writing skills and business management procedures, students enhance their knowledge of the laws and ethics of journalism and marketing. The course requires students to fill an editor's position or take a leadership role on the publication staff as well as attend high school events in order to take digital photographs.

Prerequisite: Admission to the course is by application only, and upon recommendation by the teacher, a student may repeat the course for elective credit. **(Note: This class has a fee.)**