***Oppenheim-Ephratah- St. Johnsville***

***Junior – Senior High School***

***Course Selection Guide***

***2021-2022***

Wolfpack

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***OPPENHEIM-EPHRATAH-ST. JOHNSVILLE Jr/Sr HIGH SCHOOL***

***44 Center Street***

***St. Johnsville, New York 13452***

***(518) 568-2011***

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**MISSION STATEMENT**

Oppenheim-Ephratah-St. Johnsville is a small rural school district with a safe environment and a strong sense of community. The school district will develop life-long learners with the skills and knowledge that enable them to contribute to the community as productive and responsible citizens. It is the joint responsibility of the teachers, parents, students, and community to provide the resources and learning environment that nurtures and develops the individual skills, strengths and talents of all students.

**KEY PEOPLE TO HELP YOU**

# Jr/Sr High School & District Office

High School Principal Mr. Warren 568-2011 x 3114

High School Main Office Secretary Mrs. Trumble 568-2011 x 3000

School Counselor (Guidance) Mrs. Van Wie 568-2011 x 3113

School Counselor (Guidance) Mrs. Stalteri 568-2011 x 3119

Guidance Secretary Mrs. Baker 568-2011 x 3190

Jr/Sr HS Nurse Ms. G. Smith 568-2011 x 3111

School Social Worker Mrs. Marchand-Clifford (M-C) 568-2011 x 3116

IT Director Mr. Roth 568-2011 x 6063

Superintendent Mr. Heroth 568-2011 x 5281 or 5282

Superintendent's Secretary Ms. Bonk 568-2011 x 5280

Business Office-Dist. Treas. Mrs. Stallman 568-2011 x 6002

Business Office Mrs. E. Sammons 568-2011 x 6001

Business Office Mrs. Hill 568-2011 x 6003

Director of Facilities Mr. Swartz 568-2011 x 3180 or

568-2014 x 1114 elm

# To contact a teacher or coach, please call the Jr/Sr High School Office. The teacher will return your call during their plan period.

# Elementary School

Elementary School Principal Mrs. Kawryga 568-2014 x 2101

Elementary Principal Secretary Mrs. Taylor 568-2014 x 2117

Director of Student Services Mr. O’Brien 568-2014 x 2103

School Psychologist Mrs. Drummond 568-2014 x 1104

CSE Secretary Mrs. Morrone 568-2014 x 2115

Elementary School Nurse Mrs. Brown 568-2014 x 2136

Transportation Mrs. H. Brundage 568-2014 x 2105

Social Worker Ms. Ashton 568-2014 x 1111

Food Service Manager Ms. Trumbull 568-2014 x 3130

**WHAT IS OPPENHEIM-EPHRATAH-ST. JOHNSVILLE’S REQUIRMENT FOR UNITS OF CREDIT TO GRADUATE?**

In order to graduate, the principal must certify that the student has earned 22 units of school credit\* and passed the required Regents examinations. The units of credit must include:

4 units of English

4 units of Social Studies (including 1 unit of US History, 2 units of Global History, ½ unit of

Participation in Government (or a Superintendent approved equivalent), ½ unit of Economics (or a Superintendent approved equivalent)

3 units of Science

3 units of Mathematics

½ unit of Health

1 unit of Art or Music

1 unit of Language Other Than English (Spanish)

2 units of Physical Education

3.5 units of electives

\*A unit of school credit refers to a course taken each school day for one school year. A half unit is a course taken each school day for one semester or every other day for the entire school year.

**HOW IS A STUDENT PROMOTED FROM ONE GRADE TO THE NEXT?**

To be a Freshman: Promotion from 8th grade.

To be a Sophomore (move from grade 9 to grade 10): The student must earn 5 credits toward graduation.

To be a Junior (grade 10 to grade 11): The student must earn a total of 10 credits toward graduation.

To be a Senior (grade 11 to grade 12): The student needs to have earned 15 total credits toward graduation.

**LOCAL DIPLOMA COMPENSATORY OPTION**

As of October 31, 2012, the Board of Education of Regents has provided an additional option for students with disabilities to earn a local diploma. This option is known as the Local Diploma Compensatory Option.

To earn a local diploma using this compensatory option a student must:

1. Score between 45-54 on one (1) or more of the required Regents exams, other than on the

English Language Arts (ELA) or the mathematics exams, in which case the lower score(s) can be compensated by the higher scores;

1. A score of at least 55 must be earned on both the ELA and mathematics exams;
2. A score of 65 or higher on a single examination may not be used to compensate

for more than one exam; and

1. Obtain a passing grade that meets or exceeds the required passing grade by the school, for

the course in the subject area of the Regents examination in which he or she received a

score of 45-54; and

1. Have a satisfactory attendance rate in accordance with the District’s or school’s

attendance policy for the school year during which the student took the examination in

which he or she received a score of 45-64, exclusive of excused absences.

**SUPERINTENDENT DETERMINATION**

1. For IEP students or those receiving special education programs and/or related services.
2. The student did not meet the graduation requirements through the low pass (55-64) safety net option or the compensatory option.
3. The student must have earned the required course credits and have passed all courses required for graduation.
4. The student must have taken and received minimum score of 55 on both the ELA and Math Regents exams or successfully appealed a score between 52 and 54, except after 12/12/17, a student who was able to achieve a minimum score of 55 or did not initiate an appeal of a score of between 52 and 54 on the ELA and/or Math Regents exams may be considered an eligible student for the Superintendent Determination option, provided the student has completed the requirements for the NYS CDOS Commencement Credential.
5. There must be evidence that the student participated in all Regents exams required for graduation, but has not passed one or more of these exams.
6. In a subject area where the student was not able to demonstrate his/her proficiency of the state’s learning standards through the Regents exams required for graduation (including ELA and/or Math if using the CDOS CC to meet eligibility conditions in #4), there must be evidence that the student has otherwise demonstrated graduation level proficiency in the subject area(s).

**CALCULATION OF CUMULATIVE AVERAGE AND CLASS RANK**

Beginning in June 2016, seniors pursuing a NYS diploma will follow the same criteria for weighted grading and rank. Students will earn additional weight for AP (Advanced Placement) classes, College in the High School/College Now, Early Admit, New Visions, as well as fourth year classes not required for graduation including, but not limited to: Physics, Pre-Calculus, Calculus. The weighted GPA of each senior determines class rank.

**WHAT DO COLLEGES LOOK FOR IN COLLEGE APPLICANTS?**

Colleges look for students who have demonstrated success in the most challenging courses appropriate to each student.

**WHAT DO EMPLOYERS LOOK FOR IN JOB APPLICANTS ENTERING THE WORK FORCE?**

Employers look for job applicants who will be productive employees. They are looking for an individual with good math and communication skills and a willingness to learn. They are interested in hiring responsible people who are capable of working with others. Good attendance and being on time are essential to an employer.

**CAN I ATTEND A CTC (BOCES) PROGRAM AT THE CAREER AND TECHNICAL CENTER IN JOHNSTOWN?**

Students must meet Oppenheim-Ephratah-St. Johnsville Board of Education approved criteria to be eligible to attend the CTC. The criteria the individual student must meet is as follows:

* The student must be able to graduate with their cohort group using the multiple pathways provided by New York State (reviewed on a case by case basis).
* The student must have average (no more than 12 absences) or better attendance with the exception of an extraordinary circumstance such has a one-time personal illness. This illness must be supported by a parent/doctor’s note. Under the same guidelines, the student is allowed no more than 6 unexcused days tardy.
* The discipline file, if applicable, must be acceptable by Administration’s standards.
* Task Persistence – the student must perform or participate in some activity that indicates an interest in the CTC program area.
* Post Secondary Plan – the student must have a post secondary goal related to or involving the CTC Program area.

**DO I GET A CHOICE FOR THE REQUIRED COURSES IN HEALTH AND ART/MUSIC?**

A half unit of credit in Health is required by all students.

For the Art/Music requirement, you may choose one unit of credit listed under Art (Studio in Art is the prerequisite to all other art courses) or Music.

**WHOM SHOULD I ASK ABOUT COURSES?**

Your school counselor and teachers of subjects you are interested in are primary sources of information about courses. Your parents can help you determine post-secondary options and career interests. Putting all of this information together will help you select high school courses that will maximize your possibilities.

**WILL ALL COURSES LISTED IN THIS GUIDE BE HELD?**

A course may be cancelled if only a few students sign up for it or for reasons of finance. If a course you selected were cancelled, your counselor would meet with you to select another course.

**CAN I CHANGE CLASSES AFTER THE START OF THE SCHOOL YEAR?**

You should think carefully about selecting courses. Schedule changes will be made on a very limited basis once the school year has begun. Students are responsible for knowing the add/drop dates in September and at the start of the Spring semester. The process of considering a change includes questions about how much you are trying to be successful in the course and if the change will help you.

**WHAT ELECTIVES CAN I TAKE?**

All courses, elective and required, are described later on in this guide. In general, try to include courses that continue your study in existing areas and that introduce you to possible new interests as well.

**WHAT LEVELS OF COURSES ARE AVAILABLE?**

Different levels of some courses are offered to meet the needs of all, but not all courses have different levels of instruction. The levels are:

**Regents** These classes are college preparatory that adhere to the NYS Regents curriculum, followed by a

Comprehensive Regents exam at the end of the

year. These courses are necessary to earn a

Regents diploma.

**Advanced Placement** These classes allow students to pursue college

level work. College credit may be received basedupon a successful grade on the Advanced

Placement test and the individual college’s admissions requirements.

**College Credit** These courses are offered through an agreement with Fulton-Montgomery Community College, Syracuse University, North Country Community College, SUNY Cobleskill and HCCC to obtain college credit for some courses.

**DO I GET CREDIT FOR EVERY COURSE?**

In general, all high school courses offer credit if the student successfully completes the course requirements. There are some courses students must take that do not give credit; they are designed to give you instruction that will help you be successful in school. Some of these courses are, but are not limited to: Academic Intervention Services, Resource Room, Extra Help (AIS) and Science Lab classes.

**HOW MANY COURSES DO I NEED TO TAKE?**

Students are required to take a minimum of 6 ½ credits each year. This will allow the students to fulfill their graduation credit requirements by the end of their senior year. Study halls can be placed into student schedules after the 6 ½ credit bearing classes have been entered. **Seniors need to take 5 ½ credits.**

**HOW DO I GET EXTRA HELP IN MY COURSES?**

All teachers provide extra help for their students on a daily basis. It is best when you take the initiative to ask your teachers for extra help. If necessary, you will be assigned to AIS during the school day.

**HOW DO I GET HELP WITH OTHER KINDS OF PROBLEMS?**

Start by letting your school counselor, the school based counselor, or the nurse know that you have a problem and want to speak about it. There are programs and people in the school to provide understanding, support and direction. The school cooperates with several agencies in the surrounding area that provide specific kinds of help for different problems.

**WHAT CLUBS/ORGANIZATIONS ARE AVAILABLE AND HOW DO I JOIN?**

National Honor Society Wellness Club

Student Council Drama Club

GSA Heart and Sole

Class Officers (for each grade level) Future Farmers of America (FFA)

Start by letting the adviser know that you are interested and by finding out when the organizational meeting will occur. There are studies that show that successful adults were more likely to have participated in co-curricular and extra-curricular outlets and athletics when they were in high school.

**WHAT SPORTS CAN I GO OUT FOR AND HOW DO I JOIN?**

Oppenheim-Ephratah-St. Johnsville competes in the Western Athletic Conference at the modified, junior varsity and varsity levels for boys and girls in the following sports:

Fall: Winter: Spring:

Soccer Basketball Baseball

Volleyball (girls) Cheerleading (girls) Softball

Cross Country Track and Field - FP Golf

Speak with the coaches or physical education teachers one full season before the team you wish to join so that you know when sign-ups occur. Speak with the school nurse to make sure that you know the dates and times of physicals.

**HOW DO I BECOME ELIGIBLE FOR NATIONAL HONOR SOCIETY?**

Students qualify academically by maintaining a cumulative grade point average of **85.00**, without rounding up. Cumulative averages are based on:

10th Grade: GPA 9th, MP1 and MP2 current year

11th Grade: GPA 9th, 10th, MP1 and MP2 current year

12th Grade: GPA 9th, 10th, 11th, MP1 and MP2 current year

Students must demonstrate service, leadership and character for selection to National Honor Society. The Principal annually appoints a faculty council and an adviser. The faculty council selects students and the adviser operates chapter activities. Appeals to the decisions of the faculty council must be directed to the principal. The group functions as a student activity, engaging in service and social functions.

**HOW DO I BECOME ELIGIBLE FOR JUNIOR NATIONAL HONOR SOCIETY?**

Students qualify academically by maintaining a cumulative grade point average of **85.00,** withoutrounding up.Cumulative averages based on:

7th grade: MP1 and MP2 current year

8th Grade: GPA 7th, MP1, MP2 current year

9th Grade: GPA 7th, 8th, MP1 and MP2 current year

Students must demonstrate service, leadership and character for selection to Junior National Honor Society. The Principal annually appoints a faculty council and an adviser. The faculty council selects students and the adviser operates chapter activities. Appeals to the decisions of the faculty council must be directed to the principal. The group functions as a student activity, engaging in service and social functions.

*COURSE DESCIPTIONS*

***AGRICULTURE***

**ANIMAL SCIENCE AND TECHNOLOGY Grades 9-12 1 Credit**This year long course looks at the various roles that animals play and their relationship with people. The course will look at animals as they are used for food and companions. Students will explore topics including, but not limited to: beef cattle, dairy cattle, swine production, poultry production, fish production, companion animals, animal behavior, animal nutrition and exotic animals.

\*\* Anticipated\*\*

*\*College in the High School: 3 credits SUNY Morrisville ANSC 100 Animal Science and Industry*

**EXPLORING AGRISCIENCE Grades 9-12 1 Credit**This introductory agriculture course will explore many topics of agriculture and natural resources. It will introduce students to plant science, animal science, landscaping, forestry, aquaculture, small engines, agricultural careers and more. It is a full year course that will take place every day over the distance learning network. Students will leave this course with knowledge about the agriculture industry as a whole and how it plays a key role in everyday life. Due to the nature of the distance learning course students will be required to do projects and attend field trips.

**VETERINARY SCIENCE Grades 10-12 1 Credit** Interested in becoming a Veterinarian, or do you just love animals? Veterinary science will expose students to the field of veterinary medicine and the body systems of animals. This science based class will include topics like: safety and sanitation, anatomy and physiology, parasitology, posology, principles of disease, laboratory techniques and much more. This course will prepare students for college level work in the field of animal science, veterinary science, and biology.

**PLANT SCIENCE AND TECHNOLOGY Grades 9-12 1 Credit**  
This year long course will explore plants that are used in agricultural settings. Students will explore topics including, but not limited to: soils, plant structure, plant function and photosynthesis, plants as they are used for human and livestock consumption, and plants as living organisms. Learning will be hands-on and take place in the classroom and lab.

\*\*Anticipated\*\*

\**College in the High School: 3 Credits SUNY Cobleskill ORHT 105 Introduction to Horticulture*

*\*Articulation Agreement: 3 Credits SUNY Cobleskill ORHT 105 Introduction to Horticulture*

**METAL FABRICATION AND WELDING Grades 10-12 .5 Credit**This semester long course will explore the metalworking industry. Students will learn to do various tasks that surround the industry including, but not limited to: gas cutting, brazing, welding, metal preparation, fabrication, and painting. Students in this course will become familiar with designing and working with metal to develop skills that are important to life and the metal fabrication industry. Learning will be hands-on and take place in the classroom and lab.

**AGRIBUSINESS** **Grades 10-12 1 Credit**This course prepares and engages students to take an in-depth look into today’s agriculture industry through economic principles in agribusiness, planning an agribusiness, and various career development practices. Students will study the nature and functions of the agricultural business industry. Students will be engaged in through projects on local, state, national, and global agriculture, marketing, financial management, benefits, record keeping, banking, borrowing money, and career planning.

\*\* Anticipated\*\*

*\*College in the High School: SUNY Cobleskill AGBU 101 Introduction to Agricultural Business*

**FOOD SCIENCE AND TECHNOLOGY Grades 9-12 1 Credit**

This semester long course will explore the food industry. Students will complete projects and activities that will help them understand how the food they eat is developed, marketed, researched and sold. Students will learn about how food is produced, processed, developed, marketed, advertised, and viewed by the consumer. This class will explore every path your food takes from the field to the table.

\*\* Anticipated\*\*

*\*College in the High School: SUNY Cobleskill AGBU 160 Introduction to Food Systems*

**DAIRY SCIENCE Grades 9-12 .5 Credit**

A broad overview of the dairy industry. Students will study the economic impact of the dairy industry, know historic events that have impacted the industry, identify different types of housing facilities as well as have a basic understanding of marketing dairy products. Students will research important feed types for a cow’s diet, how to interpret records and recognize diseases by symptoms and how to treat them. Students will learn how to manage a dairy business.

**EQUINE SCIENCE Grades 9-12 .5 Credit**

An animal science course that covers topics related to equine science and the equine industry. Topics covered in class include but are not limited to: equine knowledge such as, history, breed, identification, conformation and judging. Students will also explore concepts in anatomy, physiology, reproduction, nutrition, health and equine facilities and management. Students should be prepared to complete hands-on activities with an open and inquisitive mind. Students will be required to complete a Supervised Agricultural Experience throughout the duration of the class. Leadership opportunities will be presented through FFA to assist in the learning of the material.

***ART***

Art, Music and Performing Arts courses satisfy the arts requirement for graduation. A five unit sequence in ART or FINE ARTS is available. A five-unit sequence in ART or FINE ARTS may replace the second and third unit of credit in the three-unit Foreign Language sequence toward a Regents with Advanced Designation diploma.

**STUDIO IN ART** **Grades 9-12** **1 Credit**

This is a full year course that meets every day. Studio art is the foundation art course for all high school students. Students will work in a wide variety of media (including but not limited to pencil, charcoal/pastel, watercolors, tempera and acrylic paints, ceramics, paper mache) and develop a level of competence in each area. Students will learn about artists, their work and the different artistic movements each belong to. Students will be graded on their daily effort, artwork, and written assignments. This course is a prerequisite for all other upper level high school art classes. It is recommended that students take this course in the 9th grade.

**DRAWING AND PAINTING Grades 10-12** **1 Credit**

This is a full year course that meets every day. Drawing and Painting is an advanced level course where the students focus on drawing and painting skills in depth. Students will work in a variety of media. They will study the different Artists, movements and styles in art history. Students will be graded on their daily effort, artwork, and written assignments. This course is recommended as the first advanced level course after Studio Art.

**ARTS AND CRAFTS Grades 10-12 .5 Credit**

This course is a half year course that meets every day. Students will work with paper mache, clay, wood, paper, and a variety of other media. Projects will be based on American crafts and folk art techniques.  Students will be graded on their daily effort, artwork, and written assignments. This course should be taken as a first or second advanced level course. **CERAMICS Grades 10-12 .5 Credit**

This course is a half year course that meets every day. Students will hand build clay in a variety of different techniques and produce finished works that are both decorative and functional. Students will also learn about the different firing processes. Students will be graded on their daily effort, artwork, and written assignments.  This course should be taken as a first or second advanced level course.

***BUSINESS/COMPUTERS***

**ENTREPRENEURSHIP Grades 10-12 1 Credit**Have you always dreamed of being on Shark Tank? Does your family own a small business and you want to help it grow? Then this course is for you! This course will provide you with an overview of the following business concepts: sales, marketing, customer relationship building, accounting, leadership and management.

**BUSINESS MATH Grades 10-12 1 Credit**

If you want to learn math that you will use every day in real life, sign up here! In Business Math you'll learn how to be a smart shopper, informed taxpayer and valued employee.

**CFM I (Financial Literacy) Grade 9 .5 Credit**  
Do you wish you knew how to budget your time and money better? Do you wish you knew why so many deductions were taken out of your paycheck? Then this is the course for you! This class will empower you with the skills and competencies you need to become financially literate and independent.

**CFM II (College and Career Readiness) Grade 9 .5 Credit**

Do you ever become overwhelmed with all the options available to you after high school? Before you know it you will be entering the working world. In this course we will explore a variety of careers and the skills required to be successful. Remember, if you love what you do... you'll never work a day in your life.

**MARKETING Grades 10-12 1 Credit**Look around you…. Do you see any marketing strategies? Marketing is all around us! One of the greatest skills you will take away from this course is the ability to market yourself. Lastly, if you enjoy project based learning, you'll want to sign up for this course.

**YEARBOOK Grades 9-12 1 Credit**

Have a say in how your yearbook looks! Students will be responsible for producing the OESJ Yearbook. Assignments will include creating layouts for pages, taking photographs, managing finances, organizing and assisting on photo days, fundraising (securing advertisements), and distributing forms and yearbooks. Prerequisite - great attendance and impressive work ethic.

***ENGLISH***

All students must pass four years of English. Required courses are: English 9, English 10, English 11, and English 12. Students may choose to take College in the High School English 103 and English 104 through FMCC in conjunction with English 12.  All students take the Regents Examination in English Language Arts in grade 11.   
  
**ENGLISH 9           Grade 9         1 Credit**All ninth grade students are required to take and pass this comprehensive course of study before moving on. Students will use critical thinking as they read, discuss, and write about short stories, novels, poems, plays, and works of true literature. Speaking, listening, analyzing, and writing skills will be the focal point of study. Vocabulary development will also be emphasized. Students will be asked to use the latest technologies available to complete projects and presentations.  
  
**ENGLISH 9 HONORS                                    Grade 9                                                                1 Credit**The class will mirror English 9, but students will be exposed to more advanced literary works and will work at a faster pace.  All honors courses are designed for highly motivated students who have great interest in reading and writing with strong critical analysis skills. Students will read more complex texts, complete more rigorous assignments and will be expected to work independently while taking ownership of their own learning.   
  
The following prerequisites will be considered when placed in this course:  previous teacher recommendation, completion of English 8 with a 90% or better, exemplary work ethic, a reading level at or above the 8th grade grade level, and the ability to work independently. In addition, students will be given a book to complete over the summer with a written assignment to be turned in.

* If a student falls behind an 80% average during the year, the student will have a meeting with the teacher and be held accountable.
* If a student has excessive absences throughout the year, the student will have a meeting with the teacher and be held accountable.
  + The student is at risk for not being allowed into Honors English the following year, and will not be allowed in if they do not bring their year’s average up to a 85%.

**ENGLISH 10 Grade 10 1 Credit**Open to students who have passed English 9. All tenth grade students are required to take this comprehensive course of study before moving on. Students will read, discuss, and write about short stories, novels, poems, plays, and works of nonfiction. Cross-curricular literature is used to enhance understanding of world events. Speaking, listening, analyzing, and writing skills will be the focal point of study. Students will be asked to use the latest technologies available to complete projects and presentations. \*Prep course for the New York State Regents Exam in Language Arts and Literature administered in grade 11.

**ENGLISH 10 HONORS Grade 10 1 Credit**The class will mirror English 10, but students will be exposed to more advanced literary works and will work at a faster pace. All honors courses are designed for highly motivated students who have great interest in reading and writing with strong critical analysis skills. Students will read more complex texts, complete more rigorous assignments and will be expected to work independently while taking ownership of their own learning. The following prerequisites will be considered when placed in this course:  completion of English 9 with a 85% or better, exemplary work ethic, a reading level at or above the 10th grade level, or the ability to work independently and lastly, student must also have previous teacher recommendation. In addition, students will be given a book to complete over the summer with a written assignment to be turned in.

* If the student does not complete the assigned book and written assignment, they will be removed from the course and placed in English 10.
* If a student falls behind an 80% average during the year, the student will have a meeting with the teacher and be held accountable.
* If a student has excessive absences throughout the year, the student will have a meeting with the teacher and be held accountable.
  + The student is at risk for not being allowed into Honors English the following year, and will not be allowed in if they do not bring their year’s average up to a 85%.

**ENGLISH 11 Grade 11 1 Credit**Open to students who have passed English 10. Students will use critical thinking as they answer questions that affect people everywhere, in ways that are both personal and political. Students continue to prepare for the Regents Exam through reading and writing about short stories, novels, plays, poems, and works of true experiences. Emphasis is placed on improving writing skills, vocabulary, synthesis, and analysis. Students will take the English Regents Exam at New York State’s scheduled dates. Students are also encouraged to take college entrance exams during their junior year: SAT’s and ACT’s.   
  
  
**ENGLISH 11 HONORS Grade 11 1 Credit**The class will mirror English 11, but students will be exposed to more advanced literary works and will work at a faster pace. All honors courses are designed for highly motivated students who have great interest in reading and writing with strong critical analysis skills. Students will read more complex texts, complete more rigorous assignments and will be expected to work independently while taking ownership of their own learning.

The following prerequisites will be considered when placed in this course:  completion of English 10 with a 85% or better, exemplary work ethic, a reading level at or above the 11th grade level, or the ability to work independently and lastly, student must also have previous teacher recommendation. In addition, students will be given a book to complete over the summer with a written assignment to be turned in.

* If the student does not complete the assigned book and written assignment, they will be removed from the course and placed in English 11.
* If a student falls behind an 80% average during the year, the student will have a meeting with the teacher and be held accountable.
* If a student has excessive absences throughout the year, the student will have a meeting with the teacher and be held accountable.
  + The student is at risk for not being allowed into Honors English the following year, and will not be allowed in if they do not bring their year’s average up to a 85%.

**ENGLISH 12 Grade 12 1 Credit**  
In this course students will work to become skilled readers of a wide range of literature, including prose, poetry, and short stories. Students will be expected to read and respond to a variety of literature, independently, in group discussions and in writing. All facets of language arts - listening, speaking, reading, and writing will be covered. The study of language in use – grammar, mechanics, sentence structure, and usage will be incorporated in this yearlong course as well. There will be a comprehensive final exam in June.

**ENGLISH 12 HONORS Grade 12 1 Credit**

The class will mirror English 12, but students will be exposed to more advanced literary works and will work at a faster pace. All honors courses are designed for highly motivated students who have great interest in reading and writing with strong critical analysis skills. Students will read more complex texts, complete more rigorous assignments and will be expected to work independently while taking ownership of their own learning.

The following prerequisites will be considered when placed in this course:  completion of English 11 with a 85% or better, exemplary work ethic, a reading level at or above the 12th grade level, or the ability to work independently and lastly, student must also have previous teacher recommendation. In addition, students will be given a book to complete over the summer with a written assignment to be turned in.

* If the student does not complete the assigned book and written assignment, they will be removed from the course and placed in English 12.
* If a student falls behind an 80% average during the year, the student will have a meeting with the teacher and be held accountable.
* If a student has excessive absences throughout the year, the student will have a meeting with the teacher and be held accountable.

**ENG 103/104 Grade 12 1 Credit**Both ENG 103 & ENG 104 are optional courses students may take through FMCC’s College in the High School program and in conjunction with their required English 12 coursework.  When looked at face-value ENG 103 is a writing course and ENG 104 is a literature based course.  ENG 103 is a course designed to improve written and oral communication skills. Students will learn to write specific types of essays that are coherent and grammatically and mechanically correct. ENG 104 expands on the written and oral communication skills learned in ENG 103. The written and oral assignments focus on students’ understanding, research, and interpretation of such literary genres as short stories, poetry, and drama. Students will read more advanced literary pieces and work at a faster pace. Speaking, listening, analyzing, and writing skills will be the focal point of study. Students will be required to complete short and long-term assignments. ENG 103 and ENG 104 will be separate registrations and payment through FMCC.  Students must complete and pass ENG 103 in order to take ENG 104.  Students will be expected to complete additional work outside the English classroom for these courses.

**Creative Writing** **Grades 9-12 .5 Credit** Creative Writing is a half year course designed to encourage students to express themselves in writing.  Throughout this course students will work on short journal prompts and a longer short story assignment due at the end of the course.  Students will share their work both aloud and in writing with their peers and teacher.  They will participate in editing sessions designed to help students with their writing and brainstorming.

***HEALTH***

**HEALTH Grades 9-12 .5 Credit**

This course provides students with essential skills and information that focus on their ability to make positive choices. Physical, mental, and social aspects of health are covered through such topics as substance abuse prevention, family relationships, human reproduction, stress management, human effects on the environment, and nutrition. Teenage violence, domestic violence and anger management are also covered. Each health class promotes positive interpersonal skills through group interactions and activities.

***MATHEMATICS***

Students must pass a minimum of three (3) units of math and one Regents exam in math for the Regents Diploma. Students interested in the Regents with Advanced Designation Diploma must earn three (3) units of math plus the Algebra I CC, Geometry CC and Algebra II CC Regents Exams. Oppenheim-Ephratah-St. Johnsville strongly encourages students to continue math throughout their high school career.

**ALGEBRA I CC ACCELERATED Grade 8 1 Credit**

**Prerequisite: -**Students will be required to take a skills assessment to demonstrate knowledge of 8th grade curriculum content through a district level exam

-A score of 85 or better must be earned on the assessment exam

-A final grade of 90 or better in Math 7

-Teacher recommendation

-Students will also be required to adhere to specific standards once enrolled in this course (a course contract will be required)

**Course Description:** This is the same as Algebra I CC as is offered in the high school. It is available to eighth grade students who demonstrate a strong ability and interest in mathematics and who **plan on pursuing a five-year mathematics sequence**. The course follows Common Core Algebra I follows [A Story of Functions](https://www.engageny.org/resource/grades-9-12-mathematics-curriculum-map-and-course-overviews), the Common Core curriculum for mathematics. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibits a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. This course will prescribe that students experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem solving. The final exam for this course is the NYS Algebra I CC Regents exam; students in this course will not be required to complete the NYS Grade 8 math assessment. \*\*\***A TI-84 graphing calculator is required**.\*\*\*

**PRE-ALGEBRA CC Grades 9-12 1 Credit**

**Prerequisite**: Completion of Math 8.

This course is designed to review and explore prior mathematical knowledge, while formalizing and extending those concepts to a higher level of understanding. The topics covered will be skills necessary for the next levels of mathematics. By the end of this course, students will have a deeper understanding of algebra; be proficient in the language and basic operations of algebra; and learn organization skills to help with academic achievement. \*\*\***A TI-84 graphing calculator is required**.\*\*\*

**ALGEBRA I CC Grades 9-12 1 Credit**

**Prerequisite**: Successful completion of Math 8 **and** must score at or abovegrade level on the iReady Spring Diagnostic **OR** successful completion of Pre-Algebra.

**Course Description:** The course follows Common Core Algebra I follows [A Story of Functions](https://www.engageny.org/resource/grades-9-12-mathematics-curriculum-map-and-course-overviews), the Common Core curriculum for mathematics. The critical areas, called units, deepen and extend understanding of linear and exponential relationships by contrasting them with each other and by applying linear models to data that exhibits a linear trend, and students engage in methods for analyzing, solving, and using quadratic functions. This course will prescribe that students experience mathematics as a coherent, useful and logical subject that makes use of their ability to make sense of problem solving. Students will take the Algebra I Regents Exam in June. \*\*\***A graphing calculator is required**.\*\*\*

**PRE-GEOMETRY                                                 Grades 10-12 1 Credit**

**Prerequisite:** Completion of Algebra I. This course is open to students who are **not** pursuing the Advanced Regents Diploma and/or who have scored below an 80 on the Algebra I CC Regents. These students are able to take Regents Geometry the following year.

**Course Description:** Pre-Geometry courses emphasize a practical approach to the study of geometry and de-emphasize an abstract, formal approach. Topics typically include properties of and work with plane and solid figures; inductive methods of reasoning and use of logic; concepts of congruence, similarity, parallelism, perpendicularity and proportion; and rules of angle measurement in triangles.  This class **cannot** be taken simultaneously with Geometry CC or Technical Geometry.   \*\*\***A TI-84 graphing calculator is required**.\*\*\*

**GEOMETRY CC Grades 10-12 1 Credit**

**Prerequisite:**  Successful completion of Algebra 1 **and** a score of 80 **or higher** on the Algebra 1 CC Regents exam.

**Course Description:** This is the second mathematics course in high school math sequence. The course will focus on the following: geometric relationships, construction, locus informal and formal, proofs, transformational geometry and coordinate geometry. This is a Regents course and the NYS Geometry Regents will be given at the end of this course and count as the final exam. One high school credit will be given upon passing the course.  This class cannot be taken simultaneously with Pre-Geometry or Technical Geometry.  \*\*\***A TI-84 graphing calculator is required**.\*\*\*

**TECHNICAL MATHEMATICS Grades 10-12 1 Credit**

**Prerequisite:**  Successful completion of Algebra 1 CC course **and** Algebra 1 Regents exam.

**Course Description:** This full year course covers mathematical concepts through project based learning. Topics include precision measurement instruments, mathematical analysis of structures, geometric relationships, and common geometric concepts.  This course requires data analysis, problem solving, mathematical modeling, and experimentation using geometric concepts. This course fulfills the 3rd year math requirement.  This class **cannot** be taken simultaneously with Geometry CC or Pre-Geometry.

**ALGEBRA II Grades 10-12 1 Credit**

**Prerequisite:** Successful completion of Geometry and a score of **80 or higher** on the Geometry CC Regents exam.

**Course Description:** This is the third and most rigorous course in the New York State Mathematics sequence. This course is required to earn an Advanced Regents Diploma. It includes the following: Linear, Exponential, Quadratic, Rational and Polynomial Functions, Complex Numbers, Transformations of Functions, Sequences and Series, Trigonometry, Probability and Statistics. The intent is to provide a variety of ways for students to acquire and demonstrate mathematical reasoning ability when solving problems. The NYS Algebra II Regents exam will be given at the end of this course.  \***A TI-84 graphing calculator is required**.\*\*\*

**PRE-CALCULUS Grades 11-12 1 Credit**

**Prerequisite:** Successful completion of Algebra II **and** a passing score on the Algebra II Regents exam.

**Course Description:** This course is designed to cover topics in Algebra ranging from Functions, Polynomial and Rational Functions, Exponential and Logarithmic Functions, Trigonometry, Polar Coordinates and Parametric Equations, Vectors and Systems of Equations. If time permits, students will then begin analytic geometry and calculus concepts such as limits, derivatives and integrals. This class lays the foundation for future college algebra or calculus classes. \*College in the High School:  4 Credits SUNY FMCC-MAT 140 Pre-Calculus Mathematics\*

**CALCULUS I Grade 12 1 Credit**

This course covers the topics of function, limits and continuity, differentiation and integration.  It is designed to permit the student to take more advanced courses in college; both in mathematics and subject areas that require a background in math. \*College in the High School: 4 Credits SUNY FMCC MAT 170 Calculus I\*

**BUSINESS MATH** **Grades 10-12             1 Credit     
Prerequisites:** Successful completion of Algebra I CC course **and** Algebra I CC Regents exam.   
**Course Description:** A full year math course designed to prepare students with the technical math skills necessary to function and manage finances in the 21st century. Major areas of study include but are not limited to: problem solving with whole numbers, fractions, and percentiles; problem solving with formulas and equations; basic statistics, graphing, bank records, payroll, simple and compound interest, investments, credit, depreciation, insurance, and taxes. Students work individually and in small groups to understand and solve problems related to real-life situations at work, home, and involving property. Can be used to fulfill the 3rd year math requirements.

**INTRODUCTION TO STATISTICS** **Grades 11-12**                           **1 Credit**                 **Prerequisites:** Successful completion of Algebra I CC **and** Geometry course and corresponding Regents exams.   
**Course Description:** Probability and Statistics courses introduce the study of likely events and the analysis, interpretation, and presentation of quantitative data. Course topics generally include basic probability and statistics: discrete probability theory, odds and probabilities, probability trees populations and samples, frequency tables, measures of central tendency, and presentations of data (including graphs). Course topics will include normal distribution and measures of variability.  A final exam at the end of the year will count ⅕ of the student’s final average.  This course can be used to fulfill the third year math requirements.  \*College in the High School:  4 Credits SUNY FMCC-MAT 125 Introduction to Statistics\*

**ACCOUNTING Grades 10-12             1 Credit**

This *course* covers basic *accounting* procedures, including preparing financial reports for starting, running and managing a business.

***MUSIC***

Art and Music courses satisfy the arts requirement for graduation. A five unit sequence in ART or FINE ARTS is available. A five-unit sequence in ART or FINE ARTS may replace a three-unit Foreign Language sequence toward an Advanced Designation Regents diploma, as long as the student earns one Foreign Language credit. A student may earn a Regents diploma by taking 1 credit of art or music. Five unit sequences in FINE ARTS are available by combining music courses with art courses.

**HIGH SCHOOL CHORUS  Grades 9-12 .5 Credit**

High School Choir is available to all high school students who are interested in singing.  We believe that all students can learn to sing and perform well, so all students are welcome to attend.  We work with all students regardless of their musical ability and amount of time they are able to commit.  The choir participates in the 4 main concerts of the year, with at least one additional performance. Students will learn sight reading skills, basic music theory and history.

**SELECT CHOIR Grades 9-12 .5 Credit**

Select choir is a selected group of singers who are interested in performing in and out of school, singing in a small group.  These students are often selected by the choir teacher. Voice lessons are required if you join this group, as this choir offers various forms of performance opportunities and focuses on expanding the student’s breathing and vocal techniques.   If you are interested in joining this group, please speak with the choir teacher.

**HIGH SCHOOL BAND**                              **Grades 9-12                                                      .5 Credit**

HS Band offers students’ concert, performing arts, and marching skills for individual and ensemble playing that can be utilized for lifelong learning.  All students have small group instruction on a rotating basis. Band and lessons offer the opportunity to learn the “mechanics” and technique of playing an instrument, as well as the forum to play many different styles (pop, classical, marches, multicultural, etc.). The student driven schedule includes performance venues for concerts, parades, trips, and graduation ceremony. This class stresses the importance of dedication and responsibility. Performance and rehearsal participation is required to receive credit. Students in this class also have the choice to participate in: NYSSMA solo festival, All County- Area All State- and state music festivals, drum line, Small Ensemble, Leaders, and/or color guard-if they chose. This course meets the music/art graduation requirement (if taken for a minimum of 2 years) and may be used as a component in the Fine Arts sequence to eliminate the Foreign Language requirement in the Regents Diploma with Advanced Designation.

**HANDBELL                                                     Grades 9-12     .5 Credit**

Handbell Choir is a unique ensemble for the highly motivated, dedicated, and talented musician.  Musicians with an above average reading and rhythmic ability are accepted in to the group. Members must also be involved in either the band or choir programs.  Selection is based on the director’s recommendation. The Handbell Choir may be required to perform at areas outside of the school setting in addition to concerts scheduled within the school year.

**JAZZ ENSEMBLE                                         Grades 9-12           .5 Credit**

Jazz Ensemble offers talented students the opportunity to perform more difficult music in the jazz, rock, ballad, Latin and swing categories. Prerequisites for this ensemble are: Participation in concert band and approval of the director. Students may be required to perform at areas outside of the school setting in addition to the concerts scheduled within the school year. Performance and rehearsal participation is required to receive credit. This course meets the music/art graduation requirement (if taken for a minimum of 2 years) and may be used as a component in the Fine Arts sequence to eliminate the Foreign Language requirement in the Regents Diploma with Advanced Designation.

**MUSIC THEORY                                           Grades 9-12           .5 Credit**

Students learn the basics of music notation, form, scales, chords, music history, rhythmic dictation, and how to play major instruments. This course is recommended for anyone pursuing a career in music, but can be understood by anyone who simply enjoys music.

**ADVANCED THEORY                                Grades 9-12                   .5 Credit**

Students work on advanced music analysis, composition skills, conducting technique, ensemble arranging, and classroom music teaching skills. Students become the project leaders in hands on real life situational music settings of: jingle writing, performance arts, etc. This course is highly recommended for those pursuing a career in music, classroom teaching, and musicians wishing to pursue leadership roles. It is also beneficial, and attainable, for those wanting an in depth understanding of music.                                   Prerequisite: Music Theory I

***PHYSICAL EDUCATION***

All students must take and pass Physical Education each year of high school. The Physical Education curriculum is designed to encourage participation for all levels of ability.

**PHYSICAL EDUCATION** Grade 9-12 .25 Credit

Physical Education relates directly to good health and is a powerful social agent. This program provides opportunities for students to interact with their peers and become involved in activities that can be enjoyed now and for much of life. Physical Education develops skills and provides knowledge for physical fitness and enjoyment of physical activity. Activities presented to the student include but not limited to. Conditioning and body mechanics, self-testing activities, cooperative games, team sports, and rhythm and dancing.

## *SCIENCE*

Students must pass three units of science and one Regents science exam to earn a Regents diploma. Students must pass three units of science and 2 Regents science exams to earn a Regents with Advanced Designation diploma. At least one course must be in life science and one course shall be in physical science. The third course may be either life science or physical science. Oppenheim Ephratah-St. Johnsville strongly encourages students to study science throughout high school. Regents science courses require a science lab in addition to the class. In order to qualify to take a Regents examination in any of the sciences, a student must complete 1200 minutes of laboratory experience with satisfactory documented laboratory reports.

**ADVANCED PLACEMENT BIOLOGY**                  **Grades 11-12          1 Credit**

**Prerequisites:**  Students who sign up for AP Biology should have successful completed Living Environment, Biology and Physical Settings Chemistry or be enrolled in Physical Setting Chemistry. Some colleges grant AP credit and/or course credit based on AP exam scores.

AP Biology is designed to be a rigorous course equivalent to a two semester college introductory biology course. All work is designed to be at the college level and students are expected to work accordingly. This is a fast paced course dealing with more in-depth content than the Living Environment course. Lab requirements are more rigorous with students completing not only the 12 mandatory laboratories but both online and outside labs to facilitate learning. Students are expected to take responsibility for their learning by spending the required time in class and to also devote extended time out of class working on required assignments in order to achieve mastery in biology. There is a required summer assignment.

**PHYSICAL SETTING:  REGENTS EARTH SCIENCE** **Grades 8-12   1 Credit**

This is a one-year, one credit lab based course that uses an inquiry based approach to the study of the physical environment. This course will introduce the student to the concepts in geology, meteorology and astronomy. A survey of Earth Science will include lab safety, observation and measurement of the environment, changing environment, measuring the earth, earth motions, energy exchanges in the atmosphere, the erosion process, depositional process, formation of rocks, dynamic crust, interpreting geologic history, landscape development and environmental change.  Students will study the key ideas and major understandings in the New York State Earth Science Core Curriculum. There is a lab requirement that must be met to be eligible to take the Earth Science Regents Exam.

**LIVING ENVIRONMENT: Regents Living Environment   Grades 9-12**   **1 Credit**

The Living Environment is a course that focuses on the study of living organisms. Students will study key ideas and major understandings in the New York State Living Environment Core Curriculum. Major topics that will be addressed are the unity and diversity among living things, human body systems and their roles in maintaining homeostasis, reproduction and development, genetics, evolution, and ecology. The goal of the student in this course is to develop a working knowledge of biological science so that it can be related to everyday life and life functions. For each topic there are related lab activities that are required in the New York State Core Curriculum. To take the Regents Examination in the Living Environment, students must have successfully completed 30 laboratory experiences with satisfactory written reports for each laboratory investigation. There are four New York State mandated lab experiences included in the 30 required labs. It is expected that laboratory experiences will provide the opportunity for students to develop scientific inquiry techniques, learn the interconnectedness of content and problem solving, as well as develop laboratory skills related to the living environment.

**PHYSICAL SETTING:  REGENTS PHYSICS**     **Grades 11-12**      **1 Credit**

**Prerequisite**: Algebra II or may be taken concurrently. Must have completed and passed 2 or more Regents Science Exams - Earth Science/Living Environment/Chemistry.

Physics is the study of the laws of the universe through measurement. This is a hands-on study of Natural Laws such as: gravity, projectiles, collisions, explosions, electricity, nuclear energy, wave motion, magnets, light and sound. Simple math concepts are used throughout the course to examine and solve problems. Physics is a combination of hands-on activities, demonstrations and discussions to provide the student with a better understanding of the physical occurrences in the nature as well as the ability to predict the outcomes of those occurrences. There is a lab requirement that must be met to be eligible to take the Physical Setting: Physics Regents Exam. The Regents Physical Setting exam will conclude this course. ***\*College in the High School:6 Credits SUNY FMCC SCI 161/SCI 162 Introduction to***

***Physics I/II\****

**PHYSICAL SETTING:  REGENTS CHEMISTRY** **Grade 10-12       1 Credit**

**Prerequisite:** Must have completed and passed Regents Algebra, Geometry, Earth Science and Living Environment Regents, unless special permission is granted by instructor.

 Chemistry is a challenging course for the study of the matter and energy that is all around us. Using a systematic approach, the student is encouraged to solve problems using experiments and exercises to predict future outcomes. This is accomplished through the use of demonstrations, discussion, and hands-on laboratory experiments. There is a lab requirement that must be met to be eligible to take the

***Chemistry Regents Exam. The Regents Physical Setting exam will conclude this course. \*College in the High School: 3 Credits SUNY FMCC SCI 170 Introduction to Chemistry I\****

**VETERINARY SCIENCE                   Grades 10-12                              1 Credit**

**Prerequisite**: Successful Completion of Regents Earth Science and Living Environment.

This is a full year course designed for those interested in becoming a Veterinarian or for those who just love animals. Veterinary science will expose students to the field of veterinary medicine and the body systems of animals. This science based class will include topics like: safety and sanitation, anatomy and physiology, parasitology, posology, principles of disease, laboratory techniques and much more. This course will prepare students for college level work in the field of animal science, veterinary science, and biology.

**EXPLORING AGRISCIENCE Grades 9-12 1 Credit**This introductory agriculture course will explore many topics of agriculture and natural resources. It will introduce students to plant science, animal science, landscaping, forestry, aquaculture, small engines, agricultural careers and more. It is a full year course that will take place every day over the distance learning network. Students will leave this course with knowledge about the agriculture industry as a whole and how it plays a key role in everyday life. Due to the nature of the distance learning course students will be required to do projects and attend field trips.

***SOCIAL STUDIES***

All students must pass four years of social studies in order to earn a high school diploma. Required courses are Global History 9 and 10, U.S. History and Government, Participation in Government and Economics

**GLOBAL HISTORY 9** **Grade 9 1 Credit**

This course focuses on the Ancient World, expanding zones of change, global interactions, and empires. Special emphasis is placed on the geography of the world, religions of the world, the development of political and economic systems throughout time and place, and the development of world cultures. This course is designed to improve each student's reading, writing and analytical skills through assignments including the writing the thematic essays and document based questions.

**GLOBAL HISTORY 10 Grade 10** **1 Credit**

Open to students who passed Global 9.

The tenth grade curriculum covers units on the First Global Age 1450-1770, The Age of Revolution 1750-1914, Crisis and Revolution, War, Advancement, and Achievement, 20th Century since 1945, and Global Connections. The purpose of the program is to present and explain the development of global beliefs, and the evolution of political, economic, and social systems within our diverse and interdependent world. Students are required to do extensive reading, note taking, and organizational skills. The New York State Regents Exam in Global History and Geography II (Framework) will be given at the end of this course.

**U.S. HISTORY AND GOVERNMENT Grade 11** 1 **Credit**

Open to students who passed Global 10.

This course is designed to improve each student's reading, writing and reasoning skills. U.S. History is presented in a chronological approach. Students study the structure and function of government so that they may develop a stronger commitment to democratic values. One goal is to explain the relevance of the past to modern day young citizens. Contemporary issues are an integral part of the course. Oral and written reports are assigned throughout the year. The Regents exam in U.S. History and Government is taken at the end of the course.

**AP UNITED STATES HISTORY /SS 283/284 (DL) Grade 11 1 Credit**

6 College Credits (Distance Learning course)

Open to students in grades 11-12 who:

-Have passed the Global 10 regents exam with an 85 or higher

-Have an overall cumulative GPA of an 85 or higher

-Teacher recommendation from Global 10

-Summer assignment required

This Advanced Placement course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students should learn to assess historical material, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarships. In addition to exposing students to a very detailed list of historical content, students will analyze and interpret primary sources, including commentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students will learn to take notes from both printed materials and lectures or discussions, write essay examinations and write analytical and research papers. Students may also be eligible to earn 6 college credits from Fulton Montgomery Community College.

**PARTICIPATION IN GOVERNMENT** **Grade 12** **.5 Credit**

Open to students in grade 12 who have passed the U.S History and Government course. Students will have an understanding of: the basic structures, functions, and operations of the American Government; apply both the principles and practices of government which asks them to be participants in the process of public policy formation and action.

**ECONOMICS** **Grade 12** **.5 Credit**

Open to students in grade 12 who have passed the U.S. History and Government course. The first half of the course examines microeconomics: studying the economy from the “bottom up” to understand how individuals, families, and firms make decisions about working, spending, investing, and saving.

**INTRO TO MACROECONOMICS – HCCC COLLEGE NOW CLASS .5 Credit**

Open to students in 12th grade who have:

-an overall cumulative GPA of an 85 or higher

-a teacher recommendation from a core teacher

This course is designed to familiarize student with the economy as a whole, including such topics as national income, inflation, production and employment, money and banking, supply and demand, fiscal and monetary policy, economic growth and development, and international trade. This course fulfills the senior Economic requirement.

**AMERICAN GOVERNMENT – HCCC COLLEGE NOW CLASS .5 Credit**

Open to students in 12th grade who

* Have an overall cumulative GPA of an 85 or higher
* Teacher recommendation from a core teacher.

An examination of the institutions, structure, organization and operation, finances, and politics of state and local governments with a particular emphasis on New York State. This course fulfills the senior PIG requirement.

**SOCIAL PROBLEMS – HCCC COLLEGE NOW CLASS .5 Credit**

Open to students in 12th grade who

* Have an overall cumulative GPA of an 85 or higher
* Teacher recommendation from a core teacher.

This course is designed as analysis of major contemporary social problems, including illness and healthcare, alcohol and other drugs, crime and violence, family problems, social inequality, poverty and unemployment, problems in education and population and environmental problems. Emphasis is given to placing these problems in a global context, analyzing them from the three main theoretical perspectives

of sociology, and strategies for societal action that may offer solutions.

**SOCIOLOGY – HCCC COLLEGE NOW CLASS .5 Credit**

Open to students in 12th grade who

* Have an overall cumulative GPA of an 85 or higher
* Teacher recommendation from a core teacher.

This course is designed to familiarize students with the concepts and methods of sociology. The concepts include culture, socialization, deviance, and social stratification. The concepts are used to analyze major aspects of society including racial and ethnic relations, the family, politics and the state, education, population change and social change and social movements.

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***SPANISH-WORLD LANGUAGES***

Students wishing to earn an Advanced Designation Diploma may choose to study 3 units of credit in a language, and pass the Regents Equivalency Comprehensive Assessment.  Students must take Spanish in 7th and 8th grade, and successfully complete a proficiency exam at the end of 8th grade in order to earn the minimum of one language credit for graduation.

**SPANISH 8 1 Credit**

This second year course focuses on developing a level of proficiency in four basic skills – speaking, listening, reading and writing.   Students must pass the Spanish Proficiency Exam at the end of 8th grade in order to receive the language credit for graduation.

**SPANISH I 1 Credit**

Spanish level I is required by all students who did not successfully pass the Spanish Proficiency exam at the end of 8th grade, or who do not already have two years of a language. This is a basic introductory course.  Successful completion of the course and the local final exam will complete the language requirement for graduation.

**SPANISH II 1 Credit**

Open to students who have passed Level I in either 8th or 9th grade.  This intermediate course continues to broaden the student’s level of achievement in basic skills – speaking, listening, reading and writing. Through more topical contexts students expand their vocabulary along with the use of more advanced grammar skills.  This is the second course in the three credit language sequence.

**SPANISH III 1 Credit**

Open to students who have passed Level II.This is a full year course. It is the third course in the language sequence. Students who successfully complete the course and pass the Regents exam will receive Regents credit and will also be eligible for an Advanced Regents diploma.The skills of listening, speaking, reading, and writing, as well as cross cultural understanding are enhanced from the previous levels.

**\***It is strongly suggested that students remain in the three credit sequence for three consecutive years.

**SPANISH IV 1 Credit**

This is a full year course for students who successfully completed Spanish 3.  It is an elective for students who wish to further enhance their language skills. Much of this course is taught in Spanish.  Students’ use of the language to communicate in the classroom is strongly encouraged.

The skills of listening, reading, writing and cross cultural understanding are deeply enhanced.  Students will listen to music, read novels and watch movies entirely in Spanish.

***TECHNOLOGY***

**AUTOMOTIVE TECHNOLOGY Grades 9-12 1 Credit**

Students in an automobile technology program gain hands-on experience working with brake systems, heating and cooling systems, engines, electrical systems, steering systems and transmissions. In general, they learn how to install, maintain, repair and replace automotive parts.

**MODERN CARPENTRY Grades 9-12 1 Credit**

The carpentry course includes customary procedures and methods used by the workers in the trade. The emphasis is placed on the proper use of tools, equipment, and materials. You get repetitive training on various trade operations used to develop the accuracy, neatness, and speed needed by carpenters. Students have the opportunity to analyze problems encountered in the trade and plan their solution. Students learn to work with hand tools, machines and materials commonly used in the trade. Emphasis is placed on laying out buildings, rough framing, roof construction, exterior finish, hanging of doors, interior finish, and concrete forms. The students do practice work with full size doors, stairs, concrete forms, interior trim, paneling, and cornices. Students are provided with detailed instruction in the logical order of the construction of a house throughout the building of models and full size construction.

**VIDEO GAME DESIGN Grades 9-12 1 Credit**

The Code HS Video Game Design curriculum teaches the foundations of computer science and programming required to build their own video games in JavaScript. Students will learn how to code and finish the course having created over 5 text-based and graphical games.

**INTRO TO VR Grades 9-12 1 Credit**

Virtual Reality is a rapidly growing technology with applications in several different fields. In this short course, students will learn how to build their very own virtual reality worlds using HTML and the A-Frame JavaScript library. Students can view their VR creations on the computer, through phones, or through an Oculus Rift. Get ready to be blown away by what you create.

**FOREST PRODUCT AND DESIGN ENGINEERING I & II Grades 9-12 1 Credit**This course is a woodworking course designed to introduce students to general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery.

**DESIGN AND DRAWING FOR PRODUCTION (DDP) Grades 9-12 1 Credit**

DDP is a full year course aimed at giving students the drawing, design, and problem solving skills needed to succeed in future technology education courses. Students will learn the basic skills of technical drawing on a drawing board and a computer, including sketching, orthographic, isometric, dimensioning, and sectioning. Students then progress to using these skills to complete problem solving challenges. As a foundation course, this course should be the first high school technology education course taken by students. Course may be used to fulfill the art/music requirement.

***DISTANCE LEARNING***

**SUPA PSYCHOLOGY Grades 11-12 1 Credit**

Host – Mayfield. This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major subfields within psychology (including topics such as the biological basis of behavior, perception, learning, cognition, motivation and emotions, states of consciousness, developmental, social and abnormal psychology, personality, treatment and research methods). They also learn about the ethics and methods psychologists use in their science and practice. (Syracuse Credit)

**HISTORY OF THE HOLOCAUST Grade 12 .5 Credit**

Host – Mayfield. This course explores the roots of the Holocaust in European anti-Semitism, and traces the development of discriminatory attitudes toward their horrible outcome during the Second World War. The goal of studying, what is arguably the most crucial event in twentieth century history, is to provide students with a solidly grounded appreciation of the need for the respect and tolerance of others. The irrational basis of anti-Semitism will be analyzed, as will the methods by which the murderous rhetoric was literally put into practice, not simply by SS thugs, but also by the German Wehrmacht, by the police, and by “ordinary men”.

**AP UNITED STATES HISTORY /SS 283/284**  **Grades 11-12** **1 Credit**

**6 College Credits**

Host - Mayfield Open to students in grades 11-12 who have passed Global History 9, 10 and the Regents exam. This Advanced Placement course is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in US History. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full year introductory college courses. Students should learn to assess historical material, their relevance to a given interpretive problem, their reliability, and their importance, and to weigh the evidence and interpretations presented in historical scholarships. In addition to exposing students to a very detailed list of historical content, students will analyze and interpret primary sources, including commentary material, maps, statistical tables, and pictorial and graphic evidence of historical events. Students will learn to take notes from both printed materials and lectures or discussions, write essay examinations and write analytical and research papers. Students may also be eligible to earn 6 college credits from Fulton Montgomery Community College.

**EQUINE STUDIES Grades 10-12 .5 Credit**

This course gives students an in-depth introduction to the field of animal health care and equine science. Students will complete a curriculum that covers breeds, anatomy, nutrition and feeding, conformation faults, diseases, reproduction, behavior, facilities and stable practices, careers, business management and FFA leadership. Students who complete the course will be well-equipped for the equine industry or further education.

**HOSPITALITY MANAGEMENT Grades 10-12 .5 Credit**This course will introduce students to the various segments of the hospitality industry including lodging, tourism, restaurants, and resorts. Students will explore the history, development, current trends, and career opportunities in this dynamic industry. The fundamental principles of the industry will be introduced, with a focus on management and operations activities.

**MARINE SCIENCE Grades 11-12 1 Credit**Marine Science is a one-year course about the ocean and life in the ocean. Some of the topics we will cover are ocean exploration, ocean properties, marine environments, marine invertebrates, and marine vertebrates. The course includes hands-on projects, computer-based projects, as well as traditional lecture-based instruction. Students will also participate in interactive virtual field trips throughout the school year to Dolphin Research Center in Florida.

**SPORTS AND SOCIETY Grades 10-12 1 Credit**A must for sports enthusiasts, this course will emphasize the close connection between athletics and society at large. Through the reading of selected texts, the viewing of various films, the writing of critical essays, and their active participation in analytical weekly class discussions, students will consider the extent to which athletics serve as a lens through which we may examine a variety of social issues. Topics of emphasis will include the following: academics, coping with failure, discipline, economics, ethics, evaluation, goal setting, interpersonal skills, leadership, parental interference, problem solving, race-related issues, and self-evaluation. One of the highlights of this course is the fantasy football unit, which includes the opportunity for some friendly competition among the members of the class.

**BROADWAY PERFORMANCES Grades 9-12 .5 Credit**This course is designed to examine the emergence and significance of America's most unique contribution to the literary and performing arts. Through readings, audio and video recordings and live performance, this course will examine the Broadway musical from 19th-century beginnings through the current season.

**HISTORY OF ROCK Grades 9-12 .5 Credit**Students will be introduced to the earliest origins of popular music and will trace the history, and eventual evolution of rock and roll and its subsequent genres. Students will also study the accompanying social influences such as war, segregation, politics, and social activism. Students will keep an active journal and will complete various projects, such as interviews, album cover designs, music video replications and research PowerPoint presentations.

**CURRENT EVENTS Grades 10-12 .5 Credit**Students will discuss current events happening in our society, and how they impact our daily lives.

**DAIRY SCIENCE Grades 9-12 .5 Credit**

A broad overview of the dairy industry. Students will study the economic impact of the dairy industry, know historic events that have impacted the industry, identify different types of housing facilities as well as have a basic understanding of marketing dairy products. Students will research important feed types for a cow’s diet, how to interpret records and recognize diseases by symptoms and how to treat them. Students will learn how to manage a dairy business.

***CAREER AND TECHNICAL CENTER***

The mission of the Career and Technical Center is to provide technical training opportunities for the competitive world. The Career and Technical Center offers many one and two-year programs that enable students to be prepared for the job market or college after graduation from high school.

Students attend the Career and Technical Center for a half-day during both grades 11 and 12, and may earn a total of 7 units of credit. Students who complete a two-year Career Ed program may earn a CTE endorsement at graduation and/or a CDOS certificate.

Students interested in learning more about the Career and Technical Center should speak with the high school counselor early on in high school**.**  Students must meet OESJ Board of Education approved criteria to be eligible to attend the CTC. The criteria the individual student must meet is as follows:

* The student must be able to graduate with their cohort group using the multiple pathways provided by New York State (reviewed on a case by case basis).
* The student must have average (no more than 12 absences) or better attendance with the exception of an extraordinary circumstance such has a one-time personal illness. This illness must be supported by a parent/doctor’s note. Under the same guidelines, the student is allowed no more than 6 unexcused days tardy.
* The discipline file, if applicable, must be acceptable by Administration’s standards.
* Task Persistence – the student must perform or participate in some activity that indicates an interest in the CTC program area.
* Post Secondary Plan – the student must have a post secondary goal related to or involving the CTC Program area.

Auto Body Repair

Auto Technology

Construction Technology

Cosmetology

Criminal Justice

Culinary Arts

Cybersecurity and Computer Technology

Digital Multimedia

Engineering Technology

Environmental Conservation

Foundations of Food Services

Medical Assisting

\*New Visions Education

\*New Visions Health Careers

\*Skilled Trades

Veterinary and Animal Science \*senior only program