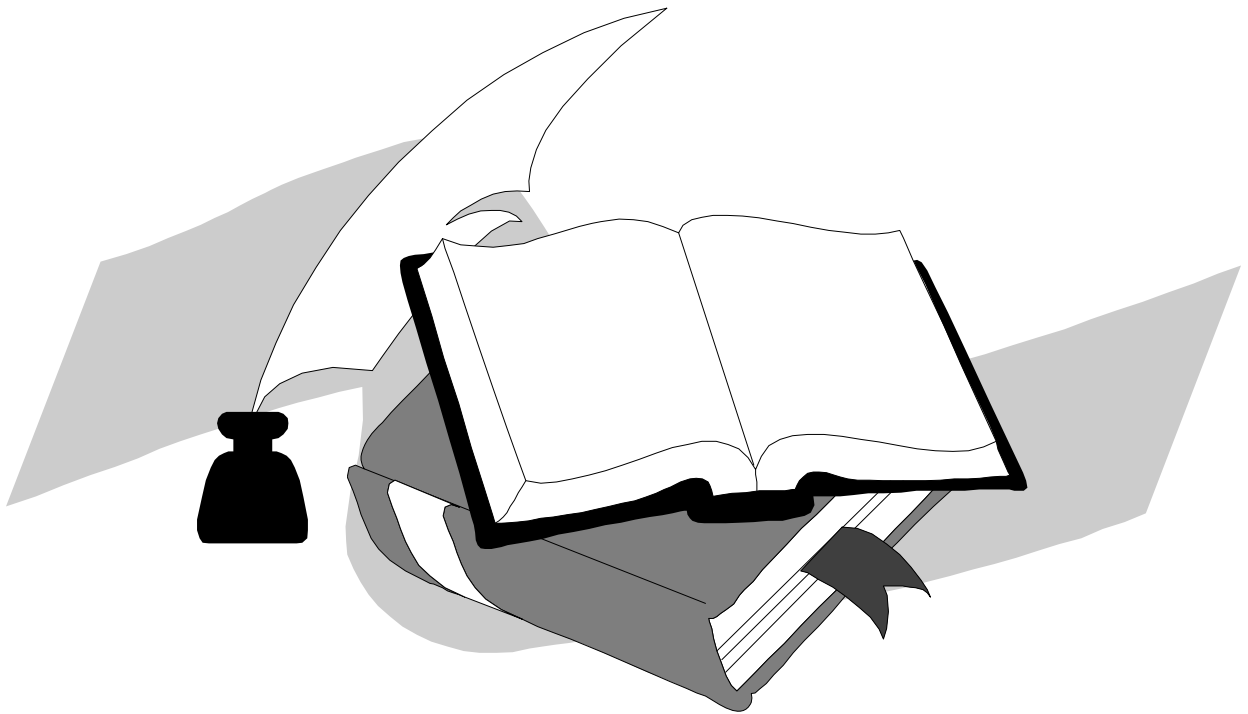


**WARWICK  
VALLEY  
HIGH SCHOOL**



**CURRICULUM  
HANDBOOK  
2011 – 2012**

**WARWICK VALLEY HIGH SCHOOL**

**P.O. BOX 595**

**WARWICK, NY 10990**

**PHONE: (845) 987-3050 FAX: (845) 986-8982**

**Administration**

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Assistant Principal: Belinda Alston  
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**School Counseling Department Staff**

*Mary Fox, Director*

*Colleen Amideneau  
Michael Careccia  
Timothy O'Dwyer  
Julie Sekelsky  
Serena Sze*

Counselors are available to meet with students and/or parents to discuss any concerns they may have. Information pertaining to careers, college and school in general is available in the School Counseling Office. Students may "drop in" during non-class periods (lunch or study hall); however, it is advisable to schedule an appointment. Counseling staff may be reached at 987-3050 ext. 2070 or 2071.

## TABLE OF CONTENTS

INTRODUCTION.....	I
PREPARING FOR THE YEAR .....	II
NYS GRADUATION REQUIREMENTS .....	III
SENIOR PROJECT, ADVANCED PLACEMENT.....	IV
HONORS PROGRAM, NATIONAL HONOR SOCIETY .....	V
GRADING & RANKING POLICY, AIS ( <u>A</u> cademic <u>I</u> ntervention <u>S</u> ervices) Workshops .....	VI

### **CURRICULUM AREAS:**

AGRICULTURAL TECHNOLOGY.....	1
ART .....	6
BUSINESS .....	12
ENGLISH .....	19
FOREIGN LANGUAGES.....	26
MATHEMATICS .....	29
MUSIC .....	35
PHYSICAL EDUCATION .....	38
SCIENCE .....	39
SOCIAL STUDIES .....	48

### **NON-CURRICULUM AREAS:**

CAREER & TECHNICAL EDUCATION (B.O.C.E.S).....	53
INDEPENDENT STUDY .....	57

# INTRODUCTION

TO: Students and Parents

Warwick Valley High School is pleased to present to you the Curriculum Handbook for the 2011-2012 school year. The high school faculty believes strongly that every student should maximize his or her educational experience in the nurturing environment offered by the school.

This handbook should be reviewed carefully so that informed decisions may be made for the student's academic schedule in the following year. We also recommend that everyone takes advantage of the valuable and interesting elective program offered in the high school. Each student will be advised by his or her counselor regarding graduation requirements.

Please note that classes listed in this handbook may not be offered due to lack of substantial enrollment.

## PREPARING FOR THE YEAR

This Curriculum Handbook has been prepared by the Administration, School Counseling Department and teaching staff of Warwick Valley High School to assist you in the selection of courses for the next school year. This is your book! Read it carefully and become familiar with its contents.

A successful academic year does not happen by chance. Success begins with the serious planning of courses for each year. Planning requires knowledge of the course offerings which are available and what each student needs to meet diploma and post-graduation requirements. As you choose courses for the year, keep in mind your educational and career goals.

Careful thought and consideration should be given to the selection of the proper, appropriate, and most challenging courses. Decisions about course selection are important due to their long range effects on your future educational plans. After your initial course selection in February/March, your counselor will review the choices and the recommendations of each teacher with you. Then, your selections will be sent home for parent reaction. Decisions reached by you and your parents at the end of the course selection process in mid-April, will be considered a firm commitment to the school. **Course changes for reasons other than acceleration or failure will not be entertained!**

Read and understand the course descriptions in this handbook. Become familiar with the prerequisites for each course. Ask questions of the teachers. Talk to your counselor. Make your first selection a good one.

KEEP THE FOLLOWING IN MIND AS YOU PREPARE:

- 1) All students must carry a minimum of five courses plus P. E. each semester. (The normal school day consists of eight periods including a lunch period). It is recommended by College Admissions Counselors that students continue a rigorous plan of study throughout their senior year.
- 2) Check the prerequisites for each course you plan to choose.
- 3) Have alternate choices planned in case the courses you want cannot be scheduled.
- 4) Check your requirements for graduation in your diploma category. (see next page)

# NEW YORK STATE GRADUATION REQUIREMENTS

## REGENTS DIPLOMA

## ADVANCED REGENTS DIPLOMA

REQUIRED COURSES		REQUIRED COURSES	
English	4	English	4
Social Studies	4	Social Studies	4
Math	3	Math	3
Science	3	Science	3
(a) Foreign Language	1	Foreign Language	3
Art/Music	1	Art/Music	1
Health	0.5	Health	0.5
Physical Education	2	Physical Education	2
Electives	3.5	Electives	1.5
	22.0		22.0
Required Exams (Passing Score of <b>65</b> and above)		Required Exams (Passing Score of <b>65</b> and above)	
English Regents		English Regents	
Algebra Regents		Algebra, Geometry, and Algebra 2/Trigonometry Regents	
Global History Regents		Global History Regents	
U.S. History Regents		U.S. History Regents	
Science Regents		Two Science Regents	
		(a) Foreign Language Regents	

\* Students are required to have completed one unit of credit in a foreign language by the end of their freshman year or pass the New York State Proficiency Exam.

(a) Students acquiring 5 units of credit in Art, or Music, or Business, or Agriculture, or Vocational Education (i.e. C-TECH programs at BOCES) may be exempt from language other than English requirement. The 5 units must all be in the same discipline.

## SENIOR PROJECT

A Senior Project is a nationally recognized program where students earn high school credit while learning about or working on something that deeply interests them. Here is a short list of some Senior Projects from this year's senior class:

- Designing and creating a prom gown
- Obtaining a pilots license
- Establishing a school improvement club
- Organizing and implementing a Year End Dinner Fund Raiser
- Learning about and teaching Yoga
- Writing and illustrating a children's story book

There are four components to the Senior Project: 1) the product which is the project that you develop/design 2) a portfolio which illustrates your experiences, 3) the paper which is a 7 – 10 page collegiate level paper and, 4) the presentation which requires students to speak in front of a board of judges from the staff and the community.

Students who sign up for the program will be scheduled for the same English and Government/Economics teachers who will help them create, implement, and report on their project. This course will be immersed in the social studies/English curriculum in the spring of senior year.

For more information about the Senior Project please contact Ms. Marcolina ([hmarcolina@wvcsd.org](mailto:hmarcolina@wvcsd.org)), or you can view the following web site: [www.seniorproject.net](http://www.seniorproject.net)

## ADVANCED PLACEMENT

The Advanced Placement (AP) Program sponsored by the College Board, provides the highly motivated and academically talented student the opportunity to enroll in and pursue college-level studies while still in secondary school (high school). **Students enrolled in Advanced Placement Courses are required to take the Advanced Placement exam.**

Successful performance on advanced placement exams may result in advanced standing or the granting of college credit upon entering a post secondary school. Warwick Valley High School offers A.P. courses in English Literature, English Language and Composition, European History, American History, World History, Chemistry, Biology, Calculus, Environmental Science, Spanish and French, Music Theory, Physics and Psychology. **The College Board charges a fee for students to take the exam in May.**

The AP courses offered each year may vary due to enrollment and are at the discretion of the school district.

## HONORS PROGRAM

In an effort to challenge and meet individual academic needs, the Warwick Valley Central School District offers an Honors Program in English, mathematics, science, social studies and foreign language. A student may be selected for any one or all of the honors courses. Due to the academic demands of these courses, parents are advised to carefully consider consenting to the enrollment of their child in more than two (2) honors level courses.

The honors programs in mathematics and science are both accelerated and enriched Regents level programs. The honors course in mathematics begins in grade 7 and continues through grade 12. Students begin the study of enriched and accelerated Regents level courses at grade 8, as opposed to the traditional Regents courses at grade 9. The honors programs in mathematics and science culminate with the study of an advanced placement course in grade 12.

The honors programs in English and social studies are accelerated and enriched. Enriched courses in English and social studies begin in grade 8 and continue through grade 12. The program in grades 9 - 12 includes enriched and accelerated Regents level courses in addition to Advanced Placement course.

Descriptions of each of the Honors (H) courses are included within that course's specific discipline/subject area of this book.

Although entrance into the Honors Program begins in the Middle School, a parent may request that his or her child be considered for placement in an honors course by speaking with his current teacher and School Counselor. Consideration will be made based upon previous year's report card grades, task commitment, and teacher recommendation.

Continuation in the honors program requires that the student maintain a passing grade in every marking period and/or earn a final grade of 85% or above. A student may withdraw from the honors course if a parent makes a written request and confers with a School Counselor.

## NATIONAL HONOR SOCIETY

**Membership:** Open to juniors, and seniors who have attended the school for the equivalent of one semester and who have a cumulative scholastic average of 90 percent. Students who meet the scholastic requirement are then extensively evaluated by the faculty council on the basis of leadership, service, and character.

**Purpose:** To create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership and to develop character in students of secondary schools.

**Activities:** Through various student leadership and community service projects, members of the National Honor Society strive to make a positive difference in the lives of individuals and in the spirit of the community and school.

## GRADING POLICY & RANKING

All courses with the exception of Physical Education, and Workshops receive a numerical grade and are considered for class ranking purposes. Both P.E. and Independent Study courses use a Pass (P) or Fail (F) system, and, as such, they are not considered in the class ranking system. All of the other credit-bearing courses are considered for class rank. All students earning credit are included in our ranking system.

**Final grades as they appear on the report card and transcript are not weighted.** These grades are weighted for the purposes of class ranking only and are not reported until after the 6<sup>th</sup> semester (3 years). Our method of weighting courses is as follows:

- Advanced Placement (AP) courses = Final Average x 1.10
- Honors (H) courses = Final Average x 1.07

Our minimum passing grade is 65%. An average of 85% - 89.99% is required for the Honor Roll and an average of 90% or higher is required for the High Honor Roll.

Our grading calendar is divided into four marking periods (MP) of approximately ten weeks per period. A quarterly grade is given as an average at the end of each marking period. The final grade includes the four quarterly grades plus the final exams. Regents and RCT exam grades are not calculated into the final average.

## **AIS (Academic Intervention Services) SERVICES**

These services are designed for the students who will need additional and intensive work in order to meet the New York State Regents requirements for courses in each of the following areas:

Math  
English (ELA)  
Global History & Geography  
U.S. History & Government  
Science

These services are designed to develop the specific skills needed to be successful on the required Regents exams. In addition, through the application of sophisticated assessment probes in reading and writing, students will receive targeted instruction designed to help them strengthen weak areas of literacy development. Access to these services depends upon department recommendation and will be based upon multiple measures that include (1) measures of comprehension, oral reading fluency, and written expression, (2) standardized tests, (3) report card grades, (4) teacher evaluation, and (5) department approval.

Parents will be notified in writing of their child's need for these services.



# AGRICULTURAL TECHNOLOGY

## **LAND, FOOD & PEOPLE (2610)**

1 Credit

This course provides you with practical experience in the classroom and on field trips throughout the Warwick Valley community and other parts of New York State. The facilities include a greenhouse and a shop, as well, as a classroom. You will engage in learning experiences that involve raising small and large animals, making maple syrup, making floral arrangements, exploring woodlands and wildlife, planning and planting landscapes in the community, and experimenting with new technologies in the food industry.

You will also have the opportunity to meet a variety of people who own or are employed in these and other industries throughout the Warwick Valley community. This will give you a chance to learn more about the various aspects of these fields and the availability of jobs in this area, the state, and the nation.

Prerequisite: None

## **HYDROPONICS AND GREENHOUSE TECHNOLOGY (2620)**

1/2 Credit

This course provides students with opportunities to work in the school greenhouse on a wide range of hydroponic, plant science and real world applications.

As we go "green" around the world, hydroponics is becoming a more common method for growing our food. Lettuce, tomatoes, and many herbs are already grown hydroponically. We will explore the science and systems of hydroponics. We will set up a hydroponics system in the greenhouse.

Field trips will be scheduled to local greenhouses and related businesses. You will get plenty of hands-on experience including growing crops in the greenhouse.

We will also take an in-depth look at the science of plants and learn more about careers.

Prerequisite: None

## **AGRICULTURAL TECHNOLOGY**

### **HORSE SCIENCE (2612)**

1/2 Credit



Students taking this course will gain hands-on experiences working with horses. Do you like to sight of a beautiful horse? Do you want to learn more about those magnificent creatures? This course is for students interested in horse handling and care. The various breeds, conformation, uses, and judging will be covered. Safety in handling and riding horses will be emphasized.

Guest speakers and field trips to local horse farms will be utilized.

Prerequisite: None

Spring Semester

### **LANDSCAPE DESIGN (2611)**

1/2 Credit

Students enrolled in this class will learn all aspects of the landscape industry from planning and drawing to installation and maintenance. You will learn proper selection and planting procedures of various shrubs, trees, and flowers. Use and general maintenance of landscaping equipment will also be covered with work in the shop and in the field. Computer programs and other new technology will be explored.

Field trips and projects on school grounds and in the community will give you the opportunity to enhance your skills and understanding of major concepts.

Note: If you are seeking employment in this area prior to graduation, the instructor can work with you to find a position with a local landscaping company.

Prerequisite: None

Spring Semester

### **EQUIPMENT REPAIR (2613)**

1/2 Credit

If you are mechanically inclined, enjoy tearing down, and rebuilding engines and equipment, this course is for you. You will learn the basics of tool and engine operation, maintenance, and overhaul through hands-on laboratory experiences. You will also gain experience in welding and working with larger equipment including tractors.

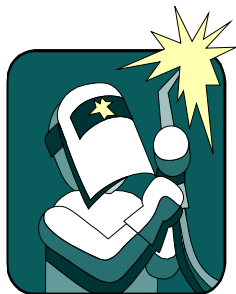
You will have the opportunity to learn the repair and maintenance of conservation and landscaping equipment. You will also be involved in all aspects of machine shop repair including welding, use of micrometers, and replacement of engine components. You are encouraged to work on individual projects, such as working independently on the repair of lawn mowers, and other available equipment with guidance from the instructor.

Prerequisite: None

## **AGRICULTURAL TECHNOLOGY**

## **AGRICULTURAL MECHANICS (2623)**

1/2 Credit



Do you like to build or fix things? Would you like more time to improve your welding skills? This course offers you the opportunity to make larger wood projects and an opportunity to learn basic electrical wiring. You might even get to rebuild a tractor. If this sounds like something you would like to do, then this is the course for you.

Prerequisite: Equipment Repair

## **FLORAL DESIGN (2614)**

1/2 Credit

Floral design provides you with many opportunities to express artistic and creative abilities while learning a skill that can open new career opportunities. You will create flower arrangements, bouquets, corsages, boutonnieres, wreaths, terrariums, bonsai, and many other artistic expressions involving plant materials.

We will also be visiting area florists. These trips will help you to learn about new and exciting trends in this industry. If you would like to break out of the traditional classroom setting and learn a new skill, sign up for this class and have fun while learning.

Prerequisite: None

Fall Semester

## **ANIMAL SCIENCE (2622)**

1/2 Credit

Do you enjoy working with animals? Would you like to be a veterinarian? This course offers you an opportunity to explore the world of domestic and exotic animals. You will learn about their anatomy, handling, nutrition, health and reproduction. This course will cover both small and large animals and will focus on your interests and those of your classmates. You will also learn about aqua-culture and the career and business opportunities available in the field of animal science.



Prerequisite: Living Environment Regents

# AGRICULTURAL TECHNOLOGY

## **CONSERVATION, WILDLIFE, AND LAND MANAGEMENT (2625)** 1/2 Credit

This course provides students with the opportunity to get outside and explore the natural world. We will study the quality of our air, soil, water and other natural resources. We will take advantage of opportunities to improve the world in which we live.

Would you be interested in working as a conservation officer in a state or national park? Ever wondered what that tree in your back yard is? Ever thought of a career teaching children about soils and water quality? This course will focus on hands on scientific investigations in our local environment. We will also study wildlife, forest management, water quality and soils.

Prerequisites: None

## **LEADERSHIP DEVELOPMENT (F.F.A.) (2601)** 1/2 Credit

Do you have the desire to meet the challenges of tomorrow head-on? Would you like the opportunity to learn leadership skills you can use for the rest of your life? If so, this course is for you!

You will have the opportunity to gain skills in public speaking, debate, job interviewing, team efforts, and then test them in local, state, and national competitions as a member of the FFA.

You will also have the opportunity to go through the high and low ropes challenge courses at Oswegatchie FFA Camp, including summer and winter camp experiences.

Requirements: Each student must take one (1) additional agricultural technology course during his/her four (4) years in high school.

Note 1: This class can be taken as a replacement for the senior required course entitled "Participation in Government".

Note 2: This class can be taken during your free time and after school hours.

Note 3: This class may be completed over a four year period.

Note 4: This class is held after school.



# AGRICULTURAL TECHNOLOGY

## **CAREER PLACEMENT (2630)**

1/2 or 1 Credits

Would you like an opportunity to make money while you also earn school credit? If so, then Career Placement is for you!

This is an opportunity for you to gain "on the job" credit through a work study program. This is a joint effort among you, the employer, and the Agricultural Technology Instructor that let's you learn from a real working experience. Students must meet regularly for one period each week for process review. The remainder of your effort is working during after school hours at the job location. The work performed must be relevant and satisfy NYS regulations. Some additional written work will be required in accordance with State Education Department requirements.

Prerequisite: Completion of 9<sup>th</sup> Grade  
Permission of Instructor and High School Principal

## ART

### **DIFFERENT OPTIONS AVAILABLE TO STUDENTS INTERESTED IN ART**

1. **Art Appreciation/Art History** – for students who are NOT going to be taking another art course and will be completing their graduation requirements by taking a half year in Music in our Lives. This is a half year course. If students wish to take art electives in the future, they will have to take Studio Art.

Students may take this course coupled with music throughout high school. They do not have to take this course as freshmen.

2. **Drawing for Design and Production (DDP)** – for those students who will be going on to take Architectural Drawing I, Architectural Drawing II - CAD. This meets the pre-requisites for all technical drawing classes and all future art courses. It is recommended that students take Studio Art if they plan on taking future fine art courses. This is a full year course. DDP meets the requirements for graduation.
3. **Studio Art I** – For those students who will be going on to take other art courses. This course is a prerequisite for Studio Art II. This meets the graduation requirement for a ½ credit of art.

**Studio Art II** – Builds upon Studio Art I. This course is a prerequisite for most other art courses in the art department. This course along with Studio Art I completes the full credit art requirement for graduation. for graduation.

## ART

### **ART APPRECIATION /ART HISTORY (2709)**

1/2 Credit

This course is for students who are **NOT** going to be taking another art course and will be completing their graduation requirements by taking a half year in Music in our Lives. This is a half year course. If students wish to take art electives in the future, they will have to take Studio Art.

Students may take this course coupled with music throughout high school. They do not have to take this course as freshmen.

Prerequisite: None

### **STUDIO ART I (2711)**

1/2 Credit

Studio Art I and II (along with Foundations in Art and DDP) are two courses which are the foundation for learning art at the high school level. They also serve as prerequisites for all of the other art courses as well as meeting the graduation requirement. These courses teach the student various techniques, art applications, traditional art practices, theory and elements and principles of design. Through a variety of projects, students will learn how to create value studies, use colored pencil, paint with tempera and watercolor, delve into pottery, create mono prints and collographs as well as learn one and two point perspective.

Prerequisite: None

### **STUDIO ART II (2712)**

1/2 Credit

Studio Art II builds upon the techniques, art applications, traditional art projects, theory and elements and principles of design taught in Studio Art I taking this learning even further; preparing students for any course offered in the art department. Through a variety of projects, students will learn how to create three dimensional forms with pencil and pen, paint with acrylics, tempera and watercolor, create drawings in three point perspective, study a variety of printmaking techniques, create a slab or coil pot with clay, work in three dimensions with sculpture and study various artists throughout history.

Prerequisite: Studio Art I

### **DRAWING FOR DESIGN AND PRODUCTION (2736)**

1 Credit

Basic drafting, mechanical and design skills will enable the student to solve a series of problems and present a solution through design and drawing exercises. For example: the student will design a household appliance for use in the year 2050 rendered in felt tip pen.

Prerequisite: None

## ART

### **EXPLORATION IN DRAWING METHODS (2720)**

1/2 Credit

After completing Studio Art or Foundations, students are ready to build upon their prior knowledge of the Elements and Principles of Design to create well developed illustrations using pencil, ink and charcoal. Students will learn how to create texture, depth and dimension on a two-dimensional surface. Students will also be looking at artwork from a range of artists and analyzing their techniques to create projects inspired by different styles.

Prerequisite: Studio in Art or Foundations in Art

### **COLOR & DESIGN (2738)**

1/2 Credit

After completing Exploration In Drawing, students will build upon their prior knowledge of composition, scale and dimension to create illustrations and graphic images using color pencils, acrylics and watercolor. This course is designed to help students create strong compositions and develop an understanding of how and why color is used in art. Students will also explore a range of artists and analyze their color schemes and compositions.

Prerequisite: Exploration in Drawing Methods

### **ADVERTISING & DESIGN (2731)**

1/2 Credit

This course will give beginning students a better generalized understanding of the advertising world. It can be viewed as a survey course in terms of content; covering the diverse areas of Graphic Design (Newspaper - Magazine - Poster), Illustration, Fashion Illustration, TV Commercial Production and more. Advertising & Design can be considered a starting point for Design oriented students.

Prerequisite: Studio Art or Foundations in Art.

### **ADVERTISING & DESIGN II- (2753) (Fall)**

1/2 Credit

An advanced advertising course which will include basic desktop publication design, page layout with a emphasis on image manipulation. The course will be sequential in nature, i.e., building on basic skills and progressing to creative solutions by students. Students will work with programs such as Adobe Photoshop CS4. Our basic Advertising Design course will be a prerequisite, which will allow 11th and 12th grades the opportunity to take this course.

Prerequisite: Advertising & Design

Offered Every Fall

## ART

### **INTRODUCTION TO COMPUTER ANIMATION (2752) (Spring)** 1/2 Credit

This course will provide students with a knowledge and understanding of computer animation and enable them to develop skills related to creating basic and advanced computer animations. It will incorporate technology as well as traditional visual arts drawing techniques. This course will allow students to experience yet another aspect of the commercial art world and area of study in a field that is both creative and popular.

This is an elective course intended for students in grades 11 –12.

Prerequisite: Studio in Art OR Foundations

Offered Every Spring

### **STUDIO IN PHOTOGRAPHY I (2733)**

1/2 Credit



Photography I will instruct the beginner on the use of a 35mm manual SLR camera and darkroom skills. The course will cover proper exposure, focus, and depth of field as well as shutter speed applications. Students will expand their knowledge gained in Studio II in terms of composition, cropping and perspective. Students will learn how to develop black and white film and create prints from those negatives.

Due to limited equipment, it is highly recommended that students have their own 35 mm manual cameras. A film cassette and negative sleeves will need to be purchased at the beginning of the course. These items may be purchased at a discount from the photography teacher. Film and paper will be supplied for all students.

Prerequisite: Studio Art I and II or Foundations in Art

### **STUDIO IN PHOTOGRAPHY II (2734)**

1/2 Credit

Photography II will build upon the concepts learned in Photography I and will continue with more advanced shooting and darkroom techniques. This is an advanced level art course geared toward the more serious art student who really enjoys photography. Students will learn studio lighting techniques, toning, hand coloring, advanced exposure/metering and a variety of darkroom manipulation techniques. Portfolios will be worked on throughout the semester.

Prerequisite: Studio in Photography I

## ART

### **DIGITAL DARKROOM I (2735)**

1/2 Credit

This course is designed for those who are interested in taking the traditional photograph one step further. We will be using negatives from Photo I as well as creating new black & white and color negatives with a variety of digital cameras. We will scan and/or import these images into Adobe Photoshop CS4 and learn how to manipulate them to obtain the desired results. Students will come out of this course with a clear understanding of how to work with the many tools and filters of Adobe Photoshop to create a great image. Anyone interested in taking this course should like working with computers as well as traditional and digital cameras.

Prerequisite: Open to grades 10 - 12

### **DIGITAL DARKROOM II (27351)**

1/2 Credit

Students go beyond the basics of digital photography and photo manipulation to explore, understand and utilize the manual features of a digital camera as well as the variety of opportunities for the advanced amateur and semi-professional photographer when using Adobe Photoshop CS4. Students will complete a variety of projects that focus on using the many advanced features of a digital camera. Within these projects, students will also utilize Adobe Photoshop CS4 as any advanced or semi-professional photographer would, preparing them for the digital world and future digital courses in photography at college. While in Digital Darkroom II, students will also work on a digital photography portfolio, matting their 10 best pieces. Students will participate in a variety of competitions and shows throughout the semester, allowing for possibilities of scholarships and prizes awarded through these various competitions.

Prerequisite: Digital Darkroom I

### **ARCHITECTURAL DRAWING I (2721) (Fall)**

1/2 Credit

This course follows the N.Y. State Education Department module. Instructional activities will take place in the drafting facility. This course introduces the students to mechanical drawing through use of equipment, language, and procedure. Topics include: orthographic drawing, reading drawings and pattern development, computer CAD, intro to architecture.

Prerequisite: Studio Art or Foundations in Art, Drawing for Design and  
Production  
Offered Every Fall

## ART

### **ARCHITECTURE II – DESIGNING WITH COMPUTERS (2754)**

1/2 Credit

This course is a computer based architecture course using a CAD style program. It will teach the students how to take the hand drawn and engineered scale drawing from Architecture 1 and recreate them into working blue prints as well as three-dimensional views that would bring the flat one-dimensional drawing to life.

Prerequisite: Architecture 1

Offered in the Spring

### **PORTFOLIO AND ART CAREERS (2749)**

1 Credit

This course is designed for JUNIORS who have already completed Foundations in Art and/or Studio Art, Exploration in Drawing Methods and one other art elective. Students may take other art courses simultaneously. *Priority will be given to juniors* who need this class to work on their portfolio for college portfolio reviews for entrance into an art college. These portfolio reviews generally take place between October and November of senior year.

Portfolio and Art Careers requires advanced drawing and design skills. Students should be prepared to draw often in preparation for their portfolio review. A portfolio consisting of 15 – 18 pieces, a one-person show, 2 – 3 college/career visits and a thesis (term paper) will be required for successful completion of this course.

*Meeting with an art teacher in your sophomore year is highly recommended.*

Prerequisite: Exploration in Drawing Methods and one other art elective. Color & Design is recommended. Students who have not previously taken Exploration in Drawing Methods should NOT be enrolled in Portfolio, but wait until their senior year.

## **ART**

### **FASHION DESIGN ( 2755)**

1/2 Credit

This half-year long course will serve as a comprehensive introduction to basic aspects of fashion design. Students will learn vocabulary, technical skills, and history pertaining to fashion design. The focus will be on two-dimensional illustrated design (both traditional and digital illustrations) of garments.

Students wishing to pursue a career in fashion design, fashion retail marketing, illustration, or costume design will benefit greatly from this course. Critical thinking skills will be strengthened as students learn how to take a single inspiration, follow it through to sketches, and then create an actual garment. Traditional techniques will be taught as well as innovative digital techniques using Adobe Photoshop. Students will discover how technological advances in digital media are shaping and changing the fashion industry.

Students will have hands-on experience not only designing clothing but sewing garments as well. The culminating final project will be the illustrated design of a fashion collection (series of cohesive colored sketches) and the creation of at least one fully sewn garment (optional depending on equipment availability).

### **WEB DESIGN - ART & MUSIC ( 2756 )**

1/2 Credit

This course is intended for the student who is interested in pursuing a career in computer arts. This course is designed to give students the basic skills necessary to design and build a website. As part of this course, students will build a website for the art and music departments. The website will feature digital slide shows and student artwork, YouTube videos of various art shows and musical performances, write-ups/reviews/critiques of art work, art shows and musical performances. The website will link to the district website so that the community can access the site.

Students will be introduced to Adobe Photoshop CS4 (or CS5 if we can get an upgrade), Adobe Dreamweaver, Fireworks and Flash. The combination of this software will give students the basic skills to prepare images and graphics for the website, build a website and edit the website using basic HTML code.

## **BUSINESS**

### **CAREER AND COLLEGE PREP (2800)** (replaces Career and Financial Management) 1/2 Credit

This 1/2-unit course will provide students with the opportunity to explore a variety of careers, learn the skills and competencies needed for success in the workplace. Students will be encouraged to begin or continue to develop a career plan, apply academic skills to solve real-world problems and become familiar with the universal foundation skills that are needed to become successful citizens, employers, and employees. Students will complete a college and career portfolio. Students will also complete a resume for employment and a resume for a teacher college recommendation. They will prepare for completion of a college common app application as well as participate in a job shadowing experience.

This course is recommended for Juniors and Seniors.

Prerequisite: None.

### **ACCOUNTING (2811)** 1 Credit

It is a basic financial language which must be understood by business owners, managers, employees working in the field of business, and individual citizens who seek professional advice and accounting services for income tax purposes or other legal concerns when running your own business. This course is designed to teach the entire accounting cycle for a sole-proprietorship business enterprise. Students will learn debit and credit concepts, journalizing and recording transactions in appropriate journals, posting business transactions and the preparation of work sheet and financial statements, all being a part of the accounting cycle. Students will have experience using Quickbooks software in completing selected assignments after a level of proficiency is experienced from doing manual applications and procedures to learn accounting principles.

Prerequisite: None. Open to 10th, 11th & 12th graders

### **ADVANCED ACCOUNTING (2821)** 1 Credit

A one credit course to be offered as an extension of the Accounting course. The introduction of additional topics involving more complex accounting applications, significantly extends the basic accounting concepts and skills which are associated with proprietorship, partnership, and corporations. The computer will be utilized to provide hands-on experience using Preachtree Software to complete and solve selected accounting problems.

Prerequisite: Accounting

# **BUSINESS**

## **PRINCIPLES OF MARKETING (2812)**

1 Credit

Nearly one-third of our nation's labor force involves one area of marketing or another. Learn about the various types of marketing careers and about the marketing of products and services. Overview of marketing strategy, market segmentation, consumer behavior, advertising and promotion, channels of distribution, marketing institutions, and legal and economic issues will also be covered. Experience how to plan, promote, distribute, price and create new products. A marketing plan won't sell your product if your customer does not trust you. Be prepared to study the needs and wants of today's consumers and emphasis of current products and companies. A portion of this course will also focus on sports and entertainment marketing. Marketing projects and activities will also be completed.

Prerequisite: None. Open to 10th, 11th & 12th graders.

## **BUSINESS COMMUNICATIONS (2820)**

1/2 Credit

This course is required of all students who are majoring in business. The class will focus on increasing students' ability to communicate effectively. The course will give students a chance to demonstrate their skill in oral, listening techniques and written communications. A basic review of grammar usage will be covered. Students will create letters of inquiry, complaints, to inform, and design creative letters with logos. Resume writing and interviewing skills will also be emphasized. The students will also be given an introduction to the internet.

Prerequisite: None

## **BUSINESS LAW (2823)**

1 Credit

Do you want to know your legal rights and how to use them? Business Law is one of your most valuable subjects that will help you to gain the knowledge needed to protect yourself as a citizen, driver, and help you to achieve an understanding of legal principles you will use throughout your life.

Students will study true situations that show how business and personal law impacts not only business, but also the lives of young people and adults. Business Law deals with ethics, basics of criminal law, minor rights, contracts, consumer protection, employment law and contracts, property, insurance, partnerships and corporations. Contemporary legal issues are discussed. Guest speakers associated with different areas of law will make presentations in this class. Current events are discussed daily.

Prerequisite: None. Open to 10th, 11th & 12th graders

# BUSINESS

## **DESKTOP PUBLISHING (2824)**

1/2 Credit



This 1/2 unit course is the latest in desktop publishing for Windows. This course is designed to introduce students to the concepts, features and applications for mastery of desktop publishing to enable students to create, design and do layout for letterheads, flyers, bulletins, and newsletters. Students will have first-hand experience in designing their own individual projects after learning features and completing assignments based upon those features covered.

Prerequisite: None

## **BUSINESS COMPUTER (MICROSOFT OFFICE) (2825)**

1/2 Credit

This Course is open to anyone interested in computers and business. This course is an introduction to computers using Microsoft Office software; Word, Power Point, and Excel. Students will create many areas of word processing documents, presentations, build databases and create reports. In addition, they will develop skills such as managing, organizing, prioritizing, and coordinating activities in a professional environment. Train today for essential employment skills for tomorrow's job market. Projects in Power Point will also be introduced and created.

Prerequisite: None

## **ADVANCED BUSINESS COMPUTERS (2835)**

1/2 Credit

This course is open for any student that has taken the Business Computers class. This course is an advanced course using the following software: Word, Excel, Power Point, and Microsoft Publisher. Students will create documents and projects. Each student will complete a portfolio of all projects completed. Learn the advanced skills to work in tomorrow's job market and prepare for business and college today.

Prerequisite: Business Computers

# BUSINESS

## **ENTREPRENEURSHIP (2813)**

1/2 Credit

Are you interested in owning and running your own business? Then, this class is for you. Find out why so many people are tired of working for their employers and are ready to change their careers and take the risk of becoming an entrepreneur. Students will learn the business skills needed to succeed. Statistics state that most businesses fail within five to seven years. Why? Find out how to become aware of the traits and characteristics needed to start and manage a successful business. Its focus is on selecting a business, preparing a business plan, and managing an ongoing operation. Students will learn the needed skills to effectively organize, develop, create a new business ownership, an existing business, a home-based business, franchise, or family-run operation.

Guest speakers from the business community will be invited to speak to this class.

Prerequisite: None

## **PERSONAL FINANCES (2814)**

1/2 Credit

Students will learn how to manage their personal finances and be informed of student's various financial responsibilities as they relate to banking, credit, budgeting, taxes, payroll, and other financial activities. Students will develop confidence and skills in managing their personal and financial resources. Students will learn how to maximize earning potential, develop strategies for managing resources, and gain insight into the different methods of investing money. Students will develop an understanding of how to make career decisions, use money management skills, consumer credit, and learn about consumer rights and responsibilities. A banking and family financial management simulation project will also be implemented in the classroom.

Prerequisite: None. Open to 10<sup>th</sup>, 11<sup>th</sup>, and 12<sup>th</sup> graders.

## **BUSINESS**

### **FASHION MARKETING (2873)**

1/2 Credit

Fashion is a part of our everyday lives. Everyone wears clothes and buys clothes. Styles change from year to year and from season to season creating new trends and demand for certain fashions. It is important to recognize the impact the fashion industry has on our lives. Fashion Marketing will introduce the marketing strategies used to develop, distribute, and showcase today's fashion. By studying these factors, students will discover how consumer tastes and designer influences create fashion trends around the world.

Prerequisite: None

### **TRAVEL AND HOSPITALITY (2874)**

1/2 Credit

The Travel and Tourism course provides the student with an understanding of one of the largest industries in the world. Specific applications include the evolution of the tourism industry, destination geography, airlines, international travel, travel by rail, car rentals, cruising, hospitality industry, tours, meetings, and marketing & sales. Tourism planning and new directions in tourism will be researched. Careers in this field will also be introduced. Prerequisite:

Prerequisite: None

## **BUSINESS SUNY ORANGE BUSINESS COURSES**

These courses are offered through Orange County Community College. There is a tuition charge for each class. Credit is awarded by Orange County Community College.

### **INTRODUCTION TO BUSINESS OCCC (2870)\***      1 Credit /3 College Credits

In this analysis of current business practices, the following topics are examined: impact of technology on businesses, economic systems, forms of ownership, social responsibility, management and organization, finances, marketing, human resources, information management and international business. Topical issues are used to reinforce terminology and concepts. Students may be responsible for purchasing their own textbook for this class.

Prerequisite: Must be a junior or senior with an overall cumulative average greater than 85.

### **PRINCIPLES OF MARKETING OCCC (2871)\***      1 Credit/3 College Credits

The thrust of this course is the “marketing concept” which stresses the organization’s first goal—customer satisfaction. Students use a systems approach to integrate the major marketing areas such as: marketing plan, marketing research, consumer buying behavior, product/service concepts, promotions, ethics, and social responsibility. Marketing applications are developed through the strategic marketing process, which identifies the target market and its support of the marketing mix. Student exercises include customer service and internet projects. Students may be responsible for purchasing their own textbook for this class.

Prerequisite: Must be a junior or senior with an overall cumulative average greater than 85.

### **ACCOUNTING PRINCIPLES I OCCC (2872)\***      1 Credit /3 College Credits

This is an introduction to accounting practice and theory using the model of the sole proprietorship in a service business. The accounting process for recording, summarizing and reporting financial data is analyzed. Specialized systems in cash controls, payroll, and the use of multipurpose combination journals are examined. Emphasis is placed on identifying and correcting errors and omissions and understanding their impact on financial statements. Course objectives are reinforced through the use of manual and/or computerized practice sets. Students may be responsible for purchasing their own textbook for this class.

Prerequisite: Must be a junior or senior with an overall cumulative average greater than 85.

# ENGLISH

## **ENGLISH 9 HONORS (2110)**

1 Credit

English 9 Honors, as well as all English Honors courses, are enriched courses. English 9 Honors is designed for the student who is already reading and writing above the average 9th grade level. More writing assignments, of a more sophisticated nature, are assigned than in Regents classes. Reading assignments include many classic and contemporary selections and full length works drawn from various genres. Students may be required to complete projects in all four quarters. The research papers are required as well as a summer reading/writing assignment. Emphasis is placed on analysis and discussion of literature.



Prerequisite: Final Average of 90% in English 8 or 85% in English 8 Honors) and Department Review.

## **ENGLISH 9 REGENTS (2111)**

1 Credit

Students explore and examine works of literature through the identification and use of specific literary elements. Reading skills taught in prior grades are strengthened and maintained. Literature includes reading selections from the grade anthology together with the introduction of critical appreciation of the novel, short story, lyric and narrative poem, full length play and works of non-fiction. Spelling and vocabulary are regularly studied from lists of words appropriate to the class and in conjunction with written work and the literature covered. Composition study aims toward cohesive paragraph organization, as well as clarity of expression. A research paper is required. Listening skills for information and understanding are emphasized. Parallel Regents Task Essay formats are explored during examination of the writing process.

Prerequisite: English 8

## **ENGLISH 10 HONORS (2120)**

1 Credit

Students are expected to have a firm basis in the structure of language, literary forms and terms, and oral communication skills. The course will be an overview of British Literature with in-depth study of selected authors. A major research paper will be required along with several short papers. Students will be expected to read novels, plays and poems and write corresponding critical analyses. Students will also be expected to produce pieces of creative writing. Research skills will be continually reinforced in investigating all areas of British literature. Students are required to practice and imitate some of the styles and forms studied, including dramatic performance. A summer reading/writing assignment is required.

Comprehensive English Examination in June of 10th Grade. Upon successful completion of this course, students will be eligible to take English electives and other advanced English Department offerings.

Prerequisite: Final average of 90% or above in English 9R or 85% or above in English 9H and Department Review.

# ENGLISH

## **ENGLISH 10 REGENTS - BRITISH AND WESTERN LITERATURE (2121)**

1 Credit

The basic skills in grammar and usage, spelling mechanics, and reading are maintained and strengthened. In composition students are given aid and practice in developing clear, correct and interesting paragraphs and in organizing full length essays. Considerable attention is devoted to the achievement of economy, exactness and variety in expression. Emphasis in literature is on understanding the elements of the British literary style and content. A direct effort is made to improve vocabulary. A research paper is required. Reading and writing for information and the critical lens essay are emphasized.

Prerequisite: English 9R

## **ENGLISH 11 HONORS (2130)**

1 Credit

English 11 Honors pursues an in-depth study of American literature through close, critical readings of novels, plays, short stories, essays, and poems. Mature discussion, insight, and problem solving skills are vital to the comprehension of the readings. Vocabulary study is intensive and regular. Writing emphasizes sophisticated expression, support of the writer's position, and logical and precise thought.



Extensive writing and analysis are to be expected on a regular basis. A major research project is required as well as a summer reading/writing assignment. Students must be committed to intensive study and possess a love of the written word. The NYS Regents Comprehensive Exam in English is taken January.

Prerequisite: Final average of 90% or above in English 10R or 85% or above in English 10H and Department Review

## **ENGLISH 11 REGENTS - AMERICAN LITERATURE (2131)**

1 Credit

The composition phase of this course emphasizes the skills of mature written expression through intensive study of sentence structure, paragraph development and theme organization. Maturity of thought, sound organization, economy in the use of words and a variety of expression are taught and practiced, particularly in expository and critical writing assignments. Vocabulary study is regular and intensive. In literature the periods, styles, and themes of American literature are explored. Supplemental class reading and writing assignments are required in 11R. A major research paper is required. The course ends with the NYS Regents Comprehensive Exam in English.

Prerequisite: English 10R

## ENGLISH

### **ADVANCED PLACEMENT (AP) ENGLISH LITERATURE (2140)**

1 Credit

Advanced Placement (AP) English is a full-year twelfth grade course for students who have consistently demonstrated superior ability in English. The goal of this course will be to develop the students' awareness of language and to sharpen their skills in effective writing and critical reading. The course will encourage students to develop facility in the different writing styles demanded in a variety of disciplines including, but not limited to, the social sciences, the pure sciences, criticism and the fine arts, and journalism.

The course terminates with the required Advanced Placement English Examination. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination. There is a fee to students for the AP exam. A summer reading/writing assignment is required.

Prerequisite: Pass English 11R or English 11 H and Department Review.

### **ENGLISH 12 REGENTS (2141)**

1 Credit

This course is geared toward college-bound students and is comprised of four elements of study: Prose Analysis, Poetry and Literary Terminology, Public Speaking and the examination of Classical & Contemporary Works.

Poetry analysis involves a concentrated study of the primary modes of written discourse in relation to the analysis and appreciation of both short and full-length works of poetry.

Via class lectures and written expression, students read and interpret poetry and associated literary terminology, culminating in their own creation of poetry.

Students are provided with background in basic public speaking techniques and are given the opportunity to make presentations throughout the school year. Classical and contemporary study involves the analysis and presentation of Shakespearean plays and modern day docudramas.

Prerequisite: English 11R

### **ENGLISH 12 SENIOR PROJECT (2162)**

1 Credit

“Explore your passion; discover yourself” is the slogan for the new senior English program, Senior Project.

A nationally-recognized program, Senior Project is a rigorous course that consists of four components: a project based upon a student-generated idea, a 2100-2700 word collegiate-level research paper, a portfolio that visually chronicles the experience, and the Senior Boards, an elaborate presentation to a panel of judges. This course, which includes the curriculum of English 12, is designed for the industrious student who

Continued....

# ENGLISH

## **ENGLISH 12 SENIOR PROJECT (2162) Continued...**

wishes to work extensively and independently on a project of his/her choosing.

Prerequisites: Passing of English 11R or 11H; student must take either English 12 SP, AP English or SUPA. (Students enrolled in AP English or SUPA will have an independent study course added to their schedule, receiving either a pass or fail grade.)

## **JOURNALISM I (2150)**

1 Credit (Elective Credit)

Journalism is a combination of an academic course and practical publications program open to sophomores, juniors, and seniors. Students learn about all aspects of the field of journalism including reportorial style writing, legal issues and case study, and methods of editing. The course includes actual interviews with seasoned reporters as well as many real world applications, and produces the school newspaper, *The Survey*, each month. The first three quarters are devoted to instruction and the fourth quarter toward the production of the students' own newspaper.

Prerequisite: English 9 and 80% or above final average in English.

## **JOURNALISM II (2151)– Writing**

1 Credit (Elective Course)

## **JOURNALISM II (2152) – Editing**

1 Credit (Elective Course)

Journalism II is open to second and third year journalism students. This course focuses on the application of the concepts learned in Journalism I. Students in Journalism II write articles, edit, and are part of the selection process for Journalism I articles that are considered for publication in *The Survey*. An average of 80 in Journalism I is needed to register for course.

Prerequisite: Journalism I , Application for Page Editor required.

## **COMMUNICATIONS 1 (2153)**

1 Credit (Elective Credit)

Communications 1 is a "hands on" television production course open to juniors and seniors. Students study video basics as they learn to use video camera and digital video editing equipment to produce a variety of video productions. Working with video cameras, students learn basic to advanced camera techniques and use video footage they shoot for digital editing projects. The course also covers the use of audio, lighting, chromakey, special effects and scriptwriting as student work individually, in teams and as a class learning how to produce video productions. A textbook, quizzes, tests, quarterly and final exams complement the physical elements of the course as do assigned projects. The course offers students an opportunity to discover the educational and creative possibilities of this mass communications medium. In addition, students will learn how collaboration, cooperation, communications, critical thinking,

Continued.....

## ENGLISH

### **COMMUNICATIONS 1 (2153) Continued.....**

and creativity are applied to making successful productions. The course helps students develop their organizational and interpersonal skills. Students enrolling in this course should have some knowledge of broadcast journalism, composition, public speaking, and technology applications. Students must demonstrate responsibility, be self-motivated, and possess originality.

Prerequisite: English 10

### **COMMUNICATIONS 2 (2154)**

1 Credit

Communications 2 is open to seniors who have successfully completed Communications 1. This course continues and expands the curriculum and personal development areas initiated in Communications 1. Students experience all facets of advanced field and studio video productions including preproduction, production, and postproduction activities. On location videotaping, directing and advanced studio and editing techniques help students expand their knowledge and application of this technology to a variety of productions. Students are responsible for the monthly production of Wildcat News and School Talk, which are broadcast weekly on two cable stations and they collect video and edit productions for the annual W.V.H.S. Video Yearbook. Teamwork, creativity and applying technical skill under the pressure of live television culminates with the production of the annual live four-hour Telethon that raises money to support the Senior Class. This course will help prepare students who are interested in pursuing Communications in college or at a technical school.

Prerequisite: Communications 1, English 10 Grade.

**Listed below are additional courses that may be taken to fulfill the English requirement for senior year. These courses are academically challenging. The rigorous study in these courses will prepare students for literature and writing courses in college.**

### **PRE-COLLEGE WRITING (2163)**

1/2 Credit

This is a semester course open to all eleventh and twelfth graders and is designed to prepare students for their college writing experience by introducing traditional theories and tools involving the art and science of rhetoric. The understanding and practice of such theories will allow students to strengthen their critical thinking and argumentation skills, therefore improving the structure, tone and overall success of their writing. Students will be offered extensive practice as they will be asked to dissect life and literature, frame meaningful arguments, and synthesize their arguments through the application of traditional rhetoric. This sustained practice in the art and science of rhetoric will cater to student ability to formulate arguments of substantial academic merit. Students will be required to complete daily writing exercises, participate in debates, and construct reading response papers and formal essays.

Prerequisite: Juniors or Seniors or Permission of Instructor

## ENGLISH

### **CREATIVE WRITING (2160)**

1/2 Credit

Much of the class will be devoted to reading and discussion of outstanding short stories, poetry, and novels. Students will be expected to make writing a habit and students will regularly submit creative pieces and thematic responses. Working with both the teacher and the group, each student will attempt to perfect critical powers and skills needed in composing “college-type” themes and full length short stories.

Prerequisite: English 11R

### **LITERATURE AND PHILOSOPHY (2158)**

1 Credit

#### **Meets requirements For English 12**

From Pre-History to Plato and Existentialism to Ethics, this is a survey course of mankind’s cultural belief systems and mainstream philosophical ideas. Intellectual and spiritual concepts are paired with appropriate works of fiction to enhance student engagement and promote critical thinking. Readings include selections from Plato, Aristotle, Descartes, Nietzsche, Camus, Sartre, the Bible, the Koran, the Tibetan Book of the Dead, and The Tao Te Ching, as well as from longer works, including: Siddhartha, Zen and The Art Of Archery, The Da Vinci Code, Stranger In A Strange Land, No Exit, Waiting For Godot, and The Unbearable Lightness Of Being. The course is run as a seminar in which class discussions and student writing assignments act as focal points for analysis. As this is a college prep course, several major research essays, as well as several creative projects, are required each semester.

Prerequisite: 85% or above in English 11 or permission of the Department Chair.

## ENGLISH

### SYRACUSE UNIVERSITY PROJECT ADVANCE

These courses are offered through Syracuse University. There is a tuition charge for each class. Credit is awarded by Syracuse University.

**WRT 105 – PRACTICES OF ACADEMIC WRITING (2170)**      1/2 H.S. Credit  
3 College Credits

This course is an introduction to academic writing that focuses on the practices of analysis and argument, practices that carry across disciplinary lines and into professional and civic writing. These interdependent practices of critical inquiry are fundamental to the work students will do throughout college and later in their careers and civic engagements. In this course students will learn to use language in a variety of ways to take apart and to construct their understanding of the world and then to make claims about how something was, is, or should be. WRT 105 emphasizes active learning, critical thinking, peer response, and collaborative projects. Formal papers go through multiple drafts, reader response, and revision and editing. Students read complex texts, drawn from various disciplines and genres.

WRT begins with a short jumpstart unit, followed by three longer units. Students will engage in various activities that culminate in a formal paper for each unit. All papers written out of class must be typed or word processed.

**ETS 142 - ISSUES IN NARRATIVE**      1/2 H.S. Credit 3 College Credits

English and Textual Studies 142 introduces students to the complex and significant issues at stake when we “read.” Students study contemporary literary and cultural theory and learn to use theoretical constructs to understand a variety of texts, from those that may seem simple to those perceived as more complex, some representing contemporary culture (verbal as well as non-verbal), others as part of the literary canon.

The class includes discussion, occasional lectures, reading and writing. Students write frequently: informal papers, reading logs, reactions, and a specified number of longer formal papers drawing on materials covered in the course. Grade are based on both the informal writing and the formal papers, as well as on class participation.

Students receive a printed syllabus outlining the specific agenda for each section, and they are expected to be present in class and to complete assignments on time. The specific agenda varies from section to section, but all course designs are reviewed and must be approved by Syracuse University.

Co-requisite: Senior Status

**\*Please note that students may be responsible for purchasing their own textbooks for the above classes.**

# FOREIGN LANGUAGES

## **MODERN LANGUAGES (SPANISH & FRENCH)**

The Language Department offers a five year sequence in both French and Spanish.

The primary object of the language program is to teach fluency through a communicative approach using the five standards for foreign language learning (communication, cultures, connections, comparisons and communities). The four skills of listening, speaking, reading and writing are taught at each level using the state syllabus of fifteen topics. Checkpoint A, which is a requirement for graduation, culminates with the State Proficiency Exam. Checkpoint B, which is taught in Level 2 and Level 3 classes culminates with the State Comprehensive Exam in languages. These two courses are recommended for all college bound students. Checkpoint C includes all upper level language courses.



### **FRENCH 1 (2500)/SPANISH 1 (2505)**

1 Credit

The emphasis at this level is on understanding and speaking the language. Mastery of vocabulary, and introduction to the grammatical structure of the language and exposure to the cultures of the countries in which language is spoken are the goals of these courses.

**This course is a requirement for graduation.**

### **SPANISH 2 HONORS (2516)**

1 Credit

Spanish 2 Honors, as well as all Spanish Honors courses, are enriched courses. It is designed for students who want to become highly proficient in the Spanish language. Checkpoint B of the state syllabus is begun at this level. Although this course is a continuation of the skills and culture presented in Level 1 classes, the course work is more demanding than Level 1. Students will be enhancing their reading comprehension, listening, speaking and writing skills. All students must be ready and willing to speak in only Spanish. Students who exhibit mastery performance by maintaining a grade point average of 85% or above in Spanish 2 Honors will be eligible for placement in Spanish 3 Honors.

Prerequisite: Must pass the State Proficiency Exam in 8th grade with 90% or higher AND Final Average in 90% AND Teacher Recommendation.

### **FRENCH 2 (2510)/ SPANISH 2 (2515)**

1 Credit

Checkpoint B of the state syllabus is begun at this level. Although this course is a continuation of the skills and culture presented in Level 1 classes, the course work is more demanding than Level 1. Reading and writing skills are expanded and more complex structures are introduced and practiced. Internet activities and projects are incorporated at this level.

Prerequisite: Must pass the State Proficiency Exam in 8<sup>th</sup> grade (or a Level I high school language course).

## FOREIGN LANGUAGES

### **FRENCH 3 HONORS (2521)**

1 Credit

French 3 Honors is an enriched course. It is designed for students who want to become highly proficient in the French language and intend to pursue with French 4. The course follows the same course outline as French 3, but at an accelerated pace, enhancing the students' oral listening, reading and writing skills. Students will be expected to read short stories, plays and/or poems and write corresponding critical analyses. Research papers/projects are required as well as a summer reading/writing assignment. This accelerated course will culminate with students taking the N.Y.S. Regents Comprehensive French Examination in January. All students must be ready and willing to speak in only French. Students who exhibit mastery performance by maintaining a grade point average of 85% or above in French 3 Honors will be eligible for placement in French 4 Honors. This course is recommended to all college bound students.

Prerequisite: Must pass French 2 with 90% in both course and final AND Teacher Recommendation.

### **SPANISH 3 HONORS(2526)**

1 Credit

This course is an advanced level course in which the goal is to give the students a solid knowledge about the Spanish language and prepare them adequately in order to be enrolled in the Spanish 4H course next year. The class will consist of higher-level listening, reading, speaking and writing exercises as well as dealing with advanced grammatical structures and high-level vocabulary lists. Students will be expected to read short stories, plays and/or poems and write corresponding critical analyses. Research papers/projects are required as well as a summer reading/writing assignments. This accelerated course will culminate with students taking the N.Y.S. Regents Comprehensive Spanish Examination in January. All students must be ready and willing to speak in only Spanish.

Prerequisite: Must pass Spanish 2H with 85% or higher or Spanish 2 with 90% in both course and final AND Teacher Recommendation.

### **FRENCH 3 (2520) / SPANISH 3 (2525)**

1 Credit



This level culminates with a Regents examination (Comprehensive Examination in French/Spanish). Emphasis is on oral skills, however, reading and writing are given particular attention at this level. Internet activities and projects continue at this level as well as expanded exposure to culture. This course is recommended to all college bound students.

Prerequisite: Must pass Level 2 French or Spanish.

## FOREIGN LANGUAGES

### **FRENCH 4 (2530) / SPANISH 4 (2535)**

1 Credit

This advanced course emphasizes both the literature and the civilization of the target language while continuing to emphasize the spoken language in everyday situations. This course is optional for a Regents diploma, but is highly recommended for the college bound student. Juniors or seniors enrolled in this course will have the option of earning 4 college credits through the University in High School Program offered through the State University of New York at Albany. In exceptional cases sophomores may register at the discretion of the U. H. S. Program Director. Freshmen are not eligible to register for the University in High School Program, although they may register for high school credit.

Prerequisite: Must pass French/Spanish 3H with 85% or above in or French/Spanish 3 with 90% or above AND Teacher Recommendation

### **AP SPANISH (2540) /AP FRENCH (2545)**

1 Credit

The listening, speaking, reading and writing skills of the students will be polished and refined. Students will continue a study of literature, with emphasis on nineteenth and twentieth century writers. Readings may include full-length novels, plays, short stories and poetry, as well as periodicals.

All students enrolled in this course will take the Advanced Placement Language exam, which has a strong emphasis on grammar and vocabulary. There is a fee to the students for the AP exam..

Prerequisites: Pass French/Spanish 4 AND Teacher Recommendation.

### **CONVERSATIONAL LANGUAGE (2546)**

1 Credit

After completing the NYS Regents exam, students may opt to continue strengthening their speaking and listening skills in the language by electing this course. The course will focus strongly on conversation and subsequently the culture of the target language. Students will hone their language skills in more realistic setting than textbooks and current time constraints allow. Students will be expected to discuss various topics from culture and debate topics to current events.

Prerequisite: Grade of 80% or above on NYS Regents exam.

### **MANDARIN CHINESE 2 (2551)**

1 Credit

### **MANDARIN CHINESE 3 (2552)**

1 Credit

Students will be given increasing opportunities to engage in authentic written and recorded materials from the Chinese-speaking world. They will be able to initiate, follow and sustain conversations related to everyday life and the larger society. They will also be able to write short responses to prompts relating to classroom situations.

Prerequisites: Students must have taken and passed Mandarin Chinese I and passed the NYS Proficiency exam.

# MATHEMATICS

***All mathematics classes at Warwick Valley High School will be taught using a graphing calculator. The department highly recommends the TI-84 Plus or TI-Nspire calculator for use at home.***

## **ALGEBRA I REGENTS (2411)**

1 Credit

Algebra I Regents will include the topics in the NYS Algebra I Regents syllabus: introduction to Algebra, properties of real numbers, linear equations, graphing, linear functions, solving and graphing linear inequalities, systems of linear equations and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, radicals and connections to geometry, logic and probability.

Prerequisite: Pass Math 8 with a 75% & Teacher Recommendation

## **ALGEBRA 1 REGENTS – DOUBLE (2403)**

2 Credits

This course is designed to hone a student's pre-algebra skills through hands-on activities. Additionally, this course is a one year course that will meet for two periods in a student's day. It will also include topics in the NYS Algebra 1 Regents syllabus: introduction to Algebra, properties of real numbers, linear equations, graphing, linear functions, solving and graphing linear inequalities, system of linear equations, and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, radicals and connections to geometry, logic and probability.

Students who are eligible for this course will be selected based on their NYS Grade 8 math assessment and their performance in their grade 8 math course. They will take the Integrated Algebra Regents exam in June.

## **ALGEBRA I WITH AIS (2402)**

1 Credit

Students in this course will learn topics in the NYS Algebra I Regents syllabus: introduction to Algebra, properties of real numbers, linear equations, graphing, linear functions, solving and graphing linear inequalities, system of linear equations, and inequalities, exponents and exponential functions, quadratic equations and functions, polynomials and factoring, radicals and connections to geometry, logic and probability.

Students will also be scheduled for a period of math lab, every other day of the cycle to receive extra support and preparation for the Regents they will take in June.

Students who are eligible for this course will be selected based on their NYS Grade 8 math assessment and their performance in their grade 8 math course.

# MATHEMATICS

## **GEOMETRY (2416)**

1 Credit

This is the second math course for students who are pursuing a Regents diploma and have completed Algebra. Within this course students will have the opportunity to make conjectures about geometric situations and provide informal justifications for these conjectures. The course is meant to employ an integrated approach to the study of transformational, Euclidean, and coordinated geometries. Properties of triangles, quadrilaterals and circles will receive particular attention. Additionally, algebraic techniques will be integrated into the study of geometry to help students hone their skills.

Prerequisite: Pass Algebra 1R

## **GEOMETRY HONORS (2417)**

1 Credit

This is an enriched version of Geometry Regents.

Prerequisite: Final average of 90% or above in Algebra I R or 85% or above in Algebra 1 H and Teacher Recommendation

## **GEOMETRY REGENTS (2418)**

1 Credit

Geometry Regents will include all of the topics in the N.Y.S. Geometry Regents syllabus: basics of geometry, perpendicular and parallel lines, triangle congruence, properties of triangles, similar triangle proofs, logic, loci, properties of parallelograms and trapezoids, surface area and volume of solids, transformations, coordinate geometry and circles.

Prerequisite: Pass Algebra 1R with 80% and Teacher Recommendation

## **ADVANCED ALGEBRA 1 (2436)**

1 Credit

This course is designed for students who have completed Geometry but have not demonstrated an immediate readiness for success in Algebra 2 & Trigonometry. This course includes a thorough review of those Algebra 1 and Geometry topics which flow into Algebra 2 & Trigonometry as well as an introduction to the topics of the Algebra 2 & Trigonometry level. Special emphasis will be upon intermediate algebra skills, problem solving, and SAT readiness.

Topics discussed in this course include: Review of Algebra 1/Geometry, linear equations, factoring, operations with polynomials, rational expressions, radicals and radical equations, quadratic formula and discriminant, laws and graphs of exponential functions, and SAT preparation.

Prerequisite: Pass either the Geometry Regents or Algebra 1 Regents.

# MATHEMATICS

## **ADVANCED ALGEBRA 2 (2438)**

1 Credit

This course is designed for students who have completed 3 years of mathematics and wish to take a fourth year of mathematics. This course helps students who want to keep their math skills sharp to be prepared to meet college mathematics requirements. This course covers the following topics: trigonometry, logarithms, probability and statistics, matrices, polynomial functions and continues the study of functions from Advanced Algebra 1.

Prerequisite: Must have passed Advanced Algebra and have passed the Algebra 1 Regents 1 exam.

## **ALGEBRA 2 AND TRIGONOMETRY HONORS (2434)**

1 Credit

This Honors-level course is designed for those students who have satisfactorily completed Geometry Honors or are recommended by the department. The curriculum parallels that of the Algebra 2 and Trigonometry course; however, topics are enriched for these advanced students. Honors students are expected to demonstrate exceptional work ethics, a high-level of interest, and mathematical insight. Use of a graphing calculator is an integral part of the course. The Algebra 2 and Trigonometry Regents Examination will be offered in June.

Prerequisite: Pass Algebra I and Geometry with an 85% or higher in Honors or a 90% in Regents.

## **ALGEBRA 2 AND TRIGONOMETRY (2435)**

1 Credit

Algebra 2 and Trigonometry is the capstone course of the three courses that end in a New York State Regents Examination. Within this course, the number system is expanded to include imaginary and complex numbers. The families of functions to be studied include: polynomial, absolute value, radical, trigonometric, exponential and logarithmic. Problems involving direct and inverse variation will be solved. Systems of equations will be solved graphically and algebraically. Data analysis will be extended to include measures of dispersion and the analysis of regression models. Arithmetic and geometric sequences will be expressed in multiple forms and their related series will be evaluated. Binomial experiments will provide a basis for expanding the study of probability. Right triangle trigonometry will be expanded to include the investigation of circular functions. Trigonometric equations and identities will also be investigated. The Algebra 2 and Trigonometry Regents Examination will be offered in June.

Prerequisite: Pass Algebra I and Geometry with 80% or higher.

## MATHEMATICS

### **PRE-CALCULUS HONORS (2440)**

1 Credit

An enriched version of Pre-calculus Regents. This course includes the study of limit theory, continuity and introductory Calculus topics.

Prerequisite: Final average of 85% or above in Math BH or Algebra 2/Trigonometry H or 90% or above in Math BR Algebra 2/Trigonometry and Teacher Recommendation

### **PRE-CALCULUS R (2441)**

1 Credit

This course has a locally designed syllabus, which prepares the student for College Calculus. Topics include: functions (graphing, polynomial functions, rational functions, exponential functions, logarithmic functions, trigonometric functions, inverses); advanced algebraic techniques, theory of equation; conic sections, analytical trigonometry; parametric equations; polar coordinates; matrices, sequences and series; three-dimensional geometry, probability and statistics; mathematical inductions and calculus of polynomial functions. Graphing calculators will be used throughout the course.

Prerequisite: Algebra 2 and Trigonometry with 80% or higher and Teacher Recommendation.

### **ADVANCED PLACEMENT (AP) CALCULUS (2443)**

1 Credit

A study of differential and integral calculus to include all material of a college freshman course. Considers topics as limits, continuity derivatives, applications of derivatives, integration, applications of the integral, transcendental functions, trigonometric functions, and techniques of integration.

Requirement: Student needs to have a TI-84 Plus or TI-Nspire graphing calculator. Any higher level graphing calculator will not be allowed to be used in class, for example a TI-85, 86, 89, or 92 graphing calculator. The course terminates with the required Advanced Placement Calculus Examination. There is a fee to the students for the AP exam. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination.

Prerequisite: Pass Pre-Calculus H or Pre-Calculus R and Teacher Recommendation.

## MATHEMATICS

### STATISTICS (2444)

1 Credit

This is a one-year course designed to provide statistical theory with applications. Topics that will be studied will include exploring data, data organization, sampling and experimentation, chance and probability and statistical inference. Each unit will include a student project in which students will be able to pursue interests in science, research, business, athletics, civics, communications, advertising/marketing, politics, religion, etc.

Prerequisite: Student must have passed Algebra curriculum and the Algebra Regents exam. Juniors may take this course to fulfill their third year of math and seniors may take this course as a fourth math credit.

### \*SUNY ORANGE COLLEGE CALCULUS 1 (2445) 1 Credit /4 College Credits

This course is designed for students that have completed three years of mathematics. The course is being offered through SUNY Orange and upon completion the student will earn 4 college credits. The course will cover the Calculus 1 curriculum offered at SUNY Orange. Curriculum includes algebraic functions and transformations, trigonometric functions and identities, limits, continuity, derivatives, implicit differentiation, related rate problems, Rolles' Theorem and Mean Value Theorem, curves, sketching, applications of differential, antidifferentiation, the definite integral, sigma notation and Fundamental Theorem of Calculus.

**There is a tuition fee charged by SUNY Orange for this course.**

Prerequisite: Student must pass Pre-Calculus with an 85% or above and teacher recommendation.

### \*SUNY ORANGE COLLEGE ALGEBRA (2446) 1/2 Credits/3 College Credits

This course is designed for seniors in high school who have completed three years of mathematics and have achieved an 85 average not only in Algebra II/Trig but throughout their whole high school math career. The course is offered through SUNY Orange and upon completion, the student will earn three college credits. The course will cover the College Algebra curriculum offered at SUNY Orange. The course is intended as the first course for students who plan to continue on towards the study of Calculus. Curriculum includes a thorough treatment of the concept of functions and their graphs, linear and quadratic functions, polynomial and rational functions, inverse functions, exponential and logarithmic functions conic sections and the binomial formula.

**There is a tuition fee charged by SUNY Orange for this course.**

Prerequisite: Juniors must have at least a 90 average in Algebra II/Trig Regents . Seniors must have at least 85 in all math courses including Algebra II/Trig.

**\*Students may be responsible for purchasing their own textbooks for the college classes.**

## MATHEMATICS

### **\*SUNY ORANGE COLLEGE TRIGONOMETRY(2447)**

1/2 Credits/  
3 College Credits

This course is designed to be the second part of the senior year for a senior who has completed College Algebra their first semester. It is only available to students who have completed College Algebra. The course is offered through SUNY Orange and upon completion, the student will earn three college credits. The course will cover the College Trigonometry curriculum offered at SUNY Orange. The course is intended as the second course for students who plan to continue on towards the study of Calculus. Curriculum includes trigonometric functions, graphing techniques, right triangle applications, trigonometric identities, inverse functions, oblique triangles, two-dimensional vectors, and complex numbers in trigonometric form.

**There is a tuition fee charged by SUNY Orange for this course.**

Prerequisite: Juniors must have at least a 90 average in Algebra II/Trig Regents . Seniors must have at least 85 in all math courses including Algebra II/Trig.

**\*Students may be responsible for purchasing their own textbooks for the college classes.**

# MUSIC

## **MUSIC IN OUR LIVES (2910)**

1/2 or 1 Credit

This is a 20 week, 1/2 credit course which may be combined with 1/2 year art class to satisfy the 1 credit Art/Music requirement for high school graduation..

The course is designed for the non-music major as well as those students that may wish to enter the music discipline. The course is divided into three main areas of study. 1) beginning music theory/music reading; 2) beginning piano keyboard skills; 3) music history.

Prerequisite: None

## **MIXED CHORUS (2911)**

1/2 or 1 Credit

This course is designed to allow high school students to participate in a formal vocal group consisting of soprano, alto, tenor and bass voices.



Objectives of the course include: development of the voice and accompanying skills, ability to read and perform vocal score, development of self expression and exposure to a variety of vocal literature in varying styles.

Chorus members are required to perform twice yearly in school concerts.

Active participation in chorus will fulfill the Regents Action requirement for Music/Art.

Prerequisite: None

## **MEISTERSINGERS (2921)**

1/2 or 1 Credit

Students are selected to participate in this class through audition. As a select group of the most talented students in the vocal music program, students will find this course to be musically challenging

Students will meet 3 days per 6-day cycle. The instructional program consists of private individual instruction as well as full ensemble rehearsals. During the year extra rehearsals and performances outside of school are required. Objectives of the course will include: development of the human voice and accompanying skills, emphasis on acappella singing with focus on the ability to hold parts in a four part acappella quartet, ability to read music on a more difficult and challenging level, singing in up to eight part harmony, development of self expression and exposure to a variety of vocal literature.

In addition, students will be expected to audition for All County Chorus, participate in Area All State and All State if selected, prepare and participate in the NYSSMA Solo Festival.

All students are required to attend lessons as specified in the Meistersinger Contract.

Prerequisite: Audition and participation in chorus.

## MUSIC

### **SELECT WOMEN'S CHORUS (2922)**

1/2 Credit

This course is designed to allow high school females to participate in a formal vocal group consisting of alto and soprano voices. Students will meet 3 days per 6-day cycle. Objectives of the course include: development of the voice and accompanying skills, ability to read and perform a vocal score, development of self-expression, and exposure to a variety of vocal literature. Students are required to perform in school concerts with the possibility of other school and/or community performances.

Participation in Women's Chorus may be used toward completion of the Music/Art graduation requirement.

Prerequisite: Prior school chorus participation and audition. The ability to match pitches.

### **CONCERT BAND (2915)**

1 Credit

Concert Band is a performing group that studies a variety of styles of band literature. Emphasis will be placed on mastering basic skills of instrumental proficiency. This ensemble meets on a daily basis, and attendance to weekly sectional lessons is required. Attendance to all performances throughout the school year is required including concerts, parades, and football games. Concert band members must purchase a uniform for marching and pep bands, as well as appropriate concert dress. During the school year extra rehearsals and performances outside of the regular school day are required when necessary. Students are strongly encouraged to audition and participate in All-County, Area All-State, All State, NYSSMA Solo and Ensemble Festivals.

Prerequisite: Students must be proficient on traditional band instruments and able to read music.

### **WIND ENSEMBLE (2916)**

1 Credit

The wind ensemble is a performing group designed for more advanced study of traditional, classical and contemporary wind band literature. Emphasis will be placed on developing musical maturity appropriate to college and professional music literature (Levels V and VI). This ensemble meets on a daily basis and attendance to weekly section lessons is required.

Attendance to all performances throughout the school year is required including concerts, parades, football games, and NYSSMA Majors. Wind ensemble members must purchase a uniform for marching and pep bands, as well as a concert dress for concerts. During the school year, extra rehearsals and performances outside of the regular school day are required when necessary.

Students are encouraged to audition and participate in All-County, Area All-State, All-State, NYSSMA Solo and Ensemble Festivals.

Prerequisite: Audition and Teacher Recommendation

## MUSIC

### **CHAMBER STRINGS (2917)**

1 Credit Only

Students who play the violin, viola, cello and string bass are invited to participate in the Chamber Strings ensemble. An audition and recommendation from the Orchestra Director are required for admittance to this select orchestra for new and continuing students. Seating auditions will be held.

This ensemble will perform more challenging NYSSMA Level V and VI repertoire from a variety of music periods in a chamber setting. Students will work on developing mastery of their instrument both musically and technically and a sense of musical maturity in an ensemble setting. The ensemble meets daily and a weekly group lesson is required.

Attendance at all performances throughout the school year is required and additional performances are to be expected including the NYSSMA Majors evaluation. In addition, students will be expected to audition for All-County Orchestra, participate in Area All-State and All-State if selected. On an individual level, students will be expected to prepare and participate in the NYSSMA Solo Festival each spring.

Prerequisite: Audition and Teacher Recommendation

### **SYMPHONY ORCHESTRA (2918)**

1 or 1/2 CREDIT

Students who play the violin, viola, cello and string bass are invited to participate in the Symphony Orchestra ensemble. This performing group is for any student interested in performing in a full/symphony orchestra setting. No audition is required for admittance, however, a seating audition will be held. Students who are wind or percussion players must be enrolled and in good standing in one of the band performing groups.

Students will receive a weekly homogeneous group lesson and a daily ensemble rehearsal. Students will perform in at least three school concerts with the possibility of other school and/or community performances. A variety of repertoire will be studied from different music periods.

Students are highly encouraged to participate in All-County Orchestra, and if selected, Area All-State and All-State. On an individual level, students are encouraged to prepare and participate in the NYSSMA Solo Festival held each spring.

Prerequisite: Students must before enrolling in the class be proficient on one of the string instruments listed above and be able to sight read music.

## PHYSICAL EDUCATION



**(4001 Fall)  
(4002 Spring)**

1/4 Credit per Semester

The Warwick Valley High School physical education staff places a major emphasis on promoting physical fitness in grades 9 –12. Our fitness unit includes physical concepts and activities to promote muscular flexibility, strength and endurance, cardiovascular fitness and body composition awareness.

In addition, the physical education department provides the students with a wide variety of individual, team and life time sport activities. The following is a list of some activities offered throughout the year:

Tennis  
Golf  
Archery  
Soccer  
SpeedAway  
Ultimate Frisbee

Flag Football  
Volleyball  
Basketball  
Swimming  
Floor Hockey  
Water Polo

Weight Training  
Team Handball  
Lacross  
Softball  
Cooperative Games  
Project Adventure  
Aerobics (personal fitness)

All 9<sup>th</sup> – 10<sup>th</sup> grade students are required to participate in a basic swimming program that includes instruction in stroke mechanics, diving, distance swimming and basic life support techniques.

Students are required to change and participate in each scheduled physical education class. All excused or unprepared classes must be made up. Medically excused students will be required to earn credit through written reports, officiating, score keeping or other alternative activities.

# SCIENCE

## LIVING ENVIRONMENT HONORS (Biology) (2310)

1 Credit

Living Environment Honors is an enriched Living Environment Regents course open to honors level students. The topics covered are presented from a more theoretical point of view, and greater emphasis is placed on reasoning and problem solving. The classroom and mid-year examinations are different from those in the Regents classes. The final examination is the New York State Living Environment Regents.

**Laboratory:** The Regents examination contains a specific area in which the student must demonstrate fundamental laboratory skills pertaining to measurement. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

Prerequisite: Final Average of 85% or above in Science 8 or Department Review

## LIVING ENVIRONMENT REGENTS (Biology) (2311)

1 Credit

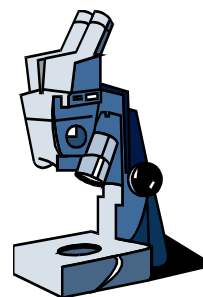
Regents Living Environment provides the student with an awareness of the natural world, basic scientific concepts, and an understanding of biological processes and generalizations.

The course covers the topics found in the New York State Regents Living Environment Syllabus:

Biochemistry, Human Physiology, Reproduction and Development, Modern Genetics, Ecology

**Laboratory:** There are 16 specific laboratory skills which must be mastered by, and evaluated at the end of the course. The Regents examination has a specific area on laboratory related questions. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

Prerequisite: Science 8



## EARTH SCIENCE REGENTS (2321)

1 Credit

Regents Earth Science is designed for the grade 9 or 10 student. This is a demanding course requiring good math skills.

This course covers the topics found in the New York State Regents Earth Science Syllabus:

The Planet Earth  
The Lithosphere  
The Atmosphere and the Hydrosphere  
The Earth's Crust Earth History (Geologic Time)  
The Universe



Continued....

## SCIENCE

### EARTH SCIENCE REGENTS (2321) (Continued.....)

**Laboratory:** The Regents examination contains a specific area in which the student must demonstrate fundamental laboratory skills pertaining to measurement. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

Prerequisite: Science 8

### EARTH SCIENCE A (2322)

1 Credit

### EARTH SCIENCE B (2335)

1 Credit

Earth Science AB will be a two year Regents course for the student who historically has had difficulty with science. It will end in a Regents exam at the end of the second year. The course will also have a lab component.

**Laboratory:** The Regents examination contains a specific area in which the student must demonstrate fundamental laboratory skills pertaining to measurement. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

\*Credits: 2 credits (1 elective and 1 Regents credit for passing course and Regents exam.

Prerequisite: Science 8 & Pass Living Environment Course

### CHEMISTRY HONORS (2330)

1 Credit

Chemistry Honors is an enriched Chemistry Regents course open to honors level students. The topics covered are presented from a more theoretical and mathematical point of view than Chemistry Regents. Greater emphasis is placed on reasoning and problem solving. The classroom and mid-year examinations are different from those in the Regents level classes. The final examination is the New York State Chemistry Regents.

**Laboratory:** Laboratory work will involve study and application of the topics covered in class discussion. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

Prerequisite: Successfully complete Honors Living Environment and/or Honors Earth Science with 85% or above.

## SCIENCE

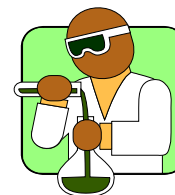
### CHEMISTRY REGENTS (2331)

1 Credit

Chemistry Regents presents a modern view of the science and is suitable for college-bound students of average ability. This course covers the topics found in the New York State Regents Chemistry Syllabus:

Matter and Energy  
Atomic Structure  
Chemical Bonding  
Periodic Table  
Stoichiometry  
Kinetics and Equilibrium

Acid-Base Theory  
Electrochemistry  
Organic Chemistry  
Nuclear Chemistry  
Industrial Applications  
Laboratory Techniques



**Laboratory:** Laboratory work will involve study and application of the topics covered in class discussion. The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

**Prerequisite:** Successfully complete Regents Living Environment and/or Regents Earth Science

### CHEMISTRY (2332)

1 Credit

Chemistry is designed for the average student in grades 10-12 who is interested in a less theoretical, more practical, study of the subject. The course will cover the topics found in the New York State Chemistry Syllabus.

Similarities and Dissimilarities of Matter  
Structure and Properties of Simple Organic  
Compounds  
Chemistry in the Home  
Water and Air Pollution  
Modern Materials and Their Uses  
Chemical Analysis

Laboratory experiences will be provided.

**Prerequisite:** Successfully complete Regents Living Environment and/or Regents Earth Science

## SCIENCE

### PHYSICS HONORS (2340)

1 Credit

Physics Honors is an enriched Physics Regents course open to honors level students. The topics covered are presented from a more theoretical and mathematical point of view. Greater emphasis is placed on reasoning and problem solving. The classroom and mid-year examinations are different from those in the Regents level classes. Additional topics, not included in NYS syllabus, but frequently found on SAT II will be covered as appropriate if time permits. \*The final examination is the New York State Physics Regents.

**Laboratory:** The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports.

Questions based on lab exercises will be included on the Regents exam. Laboratory reports are also mandated.

Prerequisite: Final average of 90% or above in Chemistry R or 85% or above in Chemistry H.

Co-requisite: Pre-calculus

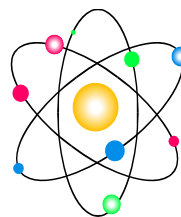
### PHYSICS REGENTS (2341)

1 Credit

The Regents Physics course is designed for the college-bound student of average ability. Physics is a rigorous mathematical description of the universe. The major areas of interest are the study of the motion of bodies, matter, and energy and their interactions. Emphasis is placed on reasoning and problem solving. The course has a moderate level of abstract material and there is a higher order of mathematical complexity to the problems.

This course covers the following required topics found in the New York State Regents Physics Syllabus:

Mechanics  
Energy  
Electricity and Magnetism  
Wave Phenomena



The fundamental relationships in each area and their mathematical relationships are studied through lectures, teacher demonstration and student laboratory work. A sound foundation in mathematics is required.

**Laboratory:** The State mandates a minimum of 1200 minutes of laboratory experience with mandatory written laboratory reports. Questions based on lab exercises will be included on the Regents exam. Satisfactory laboratory reports are also mandated.

Prerequisite: Pass 1 Unit H.S. Physical Setting science course with an 80% average, Geometry

Co-requisite: Pre-Calculus or Algebra 2/Trigonometry

Recommended: Strongly recommend students complete Regents Chemistry prior to taking this course.

## SCIENCE

### **PRINCIPLES OF ENGINEERING (2358)**

Principles of Engineering will introduce students to basic concepts in the many fields of engineering. Additionally, students will learn what each major branch of engineering does and what types of careers are available in them. The course will involve abstract problem solving and projects which will take the student from the design through the construction and testing of various devices. Emphasis will be placed on physics and mathematics. (and the other sciences) upon which all engineering is based as well as practical considerations such as product liability, mass production, and profitability. Students will also use technical drawing techniques to document their work. This course is designed for the college-bound student who is seriously considering a career in engineering.

This course is for seniors and advanced juniors.

Prerequisite: Pass Regents exam in Chemistry with at least 80% average and be concurrently enrolled in Physics **OR** Complete Physics with a final average of 80% or better.

### **ENVIRONMENTAL SCIENCE 1 (2350) AND 2 (2351)** 1/2 Credit OR 1 Credit

Environmental Science is designed to give the student an awareness of the environment, its cyclic nature and human impact on these cycles. Field studies are an integral and required part of the course, involving students intimately with the science. Students should also plan to participate in class and to work on several major projects per year.

Some of the discussion will center around current environmental problems such as: air and water pollution, population growth, pesticides, energy, zoning, land use, and ethics. This course covers the material found in the New York State Environmental Science Syllabus.

Prerequisite: 1 Unit H.S. Science

Prerequisite for Environmental Science 2: Pass Environmental Science 1 and/or Pass Earth Science course.

### **OCEANOGRAPHY (2355)**

1/2 Credit

This course will provide students with a solid overview of the importance of our world's oceans and how the physical properties of these bodies of water affect the earth's biological, atmospheric, and geographical systems.

Prerequisite: Passing grade in Earth Science

## SCIENCE

### **ASTRONOMY (2356)**

1/2 Credit

This course is a scientific exploration of the human place in the universe. We study the origin and history of the Universe and the formation of the Earth and the solar system. We compare the Earth's properties with those of the other planets and explore how the heavens have influenced human thought and action. This course includes study of the properties of light and matter and the tools astronomers use to measure radiation from celestial sources. The course also covers exciting contemporary topics such as black holes, the expansion of the universe and the search for extraterrestrial life. The course will require the use of junior level mathematics.

Astronomy covers the following topics:

- Astronomical measurements and instruments
- Archaeoastronomy
- The Earth and Moon
- The Sun
- The Planets and their moons
- Asteroids and Comets
- The Stars
- Galaxies
- The Universe and its history
- The influences and impact of Astronomy on cultures and societies throughout history and the present

Prerequisite: Passing grade in Earth Science

### **ADVANCED PLACEMENT (AP) CHEMISTRY (2353)**

1 Credit

AP Chemistry is designed to provide high school students with a lab course equivalent to first year college chemistry offerings. Course content, methods, challenge, and expectations are college level. AP Chemistry is mathematically rigorous and at times abstract. Students should be intrinsically motivated, interested in the exploration which is chemistry, skilled in mathematics, and devoted to study.

Students are required to take the Advanced Placement Chemistry Examination. Many colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination, and/or exemption from first year chemistry lab class. There is a fee to the students for the AP exam..

Prerequisite: Pass two Science Regents & Honors Chemistry

Co-requisite: Algebra 2/Trig.

## SCIENCE

### **ADVANCED PLACEMENT (AP) BIOLOGY (2352)**

1 Credit

Advanced Placement Biology is open to all students who have successfully completed Regents/Honors Living Environment **AND** Regents/Honors Chemistry.

The textbook and laboratory exercises are of college caliber. The course terminates with the required Advanced Placement Biology Examination. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination. There is a fee to the students for the AP exam.

### **ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE (2354)** 1 Credit

Advanced Placement Environmental Science will provide students with a knowledge of the scientific principles, concepts and methodologies required to understand the interrelationships that exist in the natural world, to identify and analyze environmental problems and to examine alternative solutions for resolving and/or preventing them. The laboratory component exposes students to required field studies equivalent to an introductory field science course at the college level. The course terminates with the required Advanced Placement Environmental Science Examination. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination. There is a fee to the students for the AP exam.

This is an elective course intended for students in grades 11-12.

Prerequisite: Pass two Regents level courses in the Physical Setting (Earth Science and Chemistry are preferred); and Living Environment.

### **SCIENCE RESEARCH 1 (2370)**

1 Credit per Year

### **SCIENCE RESEARCH 2 (2371)**

### **SCIENCE RESEARCH 3 (2372)**

This program is designed to provide students with the opportunity to conduct original research on a topic that interests them. The course is an outreach program of the State University of New York at Albany, aimed to benefit high school students in the New York region and throughout the country. The course begins in the student's sophomore year. Students entering this program should plan to participate for the remainder of high school (sophomore, junior, and senior years). During their three years, students will work with professional scientists who act as mentors during their research. Where appropriate, the student's research will be entered into competition and/or presented at symposiums. After the first year, students may also choose to take the course for college credit through the

Continued...

## SCIENCE

### SCIENCE RESEARCH 1 (2370)

### SCIENCE RESEARCH 2 (2371)

### SCIENCE RESEARCH3 (2372) (continued...)

State University of New York at Albany. **Students opting for college credit will need to comply with the university requirements and pay the going fee for undergraduate credits.** This course is not designed to replace any existing science requirements.

Additional course information can be found at:

<http://www.albany.edu/scienceresearch/index.html>

Prerequisites: Science Research 1 -- Pass 1 unit H.S. Science,  
Should be a Sophomore  
Science Research 2 -- Pass Science Research 1  
Science Research 3 -- Pass Science Research 2

### SCIENCE TECHNOLOGY AND SOCIETY (2373)

1/2 Credit

Students are constantly exposed to ever changing technologies at an ever increasing pace. The world that students now enter upon graduating from high school is, from a technological perspective, a far different one that they entered as kindergarten students or even as high school freshman.

"Science, Technology and Society" is a course to that puts science and technology within a human framework so that students will understand the technologies that shape their world and the sciences that underlie these technologies. Using an integrated disciplines approach with a primary focus on the core sciences that drive technology and shape society, "Science, Technology and Society" will use recent and historical changes that have shaped societies to unlock how future changes will impact the world as it will be. Students will develop, enhance, and utilize critical thinking skills to assimilate a wide range of basic sciences, technologies and the cultural impacts they had and will have on humans.

This is a half year course intended for students with a background in basic science. While open to all students, this course is oriented to students who have met their minimum requirement in Commencement Level Science / Regents' Science and are looking for a science elective that is less mathematically focused; special emphasis will be placed on critical thinking skills and analysis. Higher level material will be presented for students who will benefit from a more rigorous view of the subject.

Prerequisites: Passing grades on one Regents' Science exam and 1 credit of Regents' Science Living Environment / Biology and 1 credit of Regents' Science Physical Setting (Earth Science, Chemistry, or Physics).



## SCIENCE

### HEALTH (2338)

1/2 Credit

New York State mandates one half year of Health be taught in grades 7-9 and again in grades 10-12. Each course consists of five strands: Physical Health, Sociological Health Problems, Mental Health, Environmental and Community Health, and Education for Survival. Some specific topics included in these strands are: Body Systems, Nutrition, Fitness, Family Life, Personality, Parenting, Smoking, Alcohol and Drug Abuse, and First Aid.

Prerequisite: None



## SOCIAL STUDIES

### GLOBAL HISTORY & GEOGRAPHY 1 HONORS (2210)

1 Credit



This is the first year of the two-year Global History & Geography Course. Students are encouraged to keep all notes and materials until the end of their tenth grade class. A Regents in Global History & Geography is given at that time.

Global History & Geography 1 is a chronological format organized around themes/concepts:

Belief Systems  
Change  
Cultural Intellectual Life  
Diversity  
Economic Systems  
Geography  
Imperialism

Interdependence  
Justice & Human Rights  
Movement of Peoples & Goods  
Nationalism  
Political Systems  
Science & Technology  
Urbanization

The course covers from the Ancient World through the Age of Absolute Monarchs.

The difference between Honors and Regents lies mainly in the depth and methods of study, not in the subject matter itself.

Prerequisites: Final average 85% or above in Social Studies H or 90% in 8<sup>th</sup> Grade Social Studies.

### GLOBAL HISTORY & GEOGRAPHY 1 REGENTS (2211)

1 Credit

This is the first year of the two-year Global History & Geography Course. Students are encouraged to keep all notes and materials until the end of their tenth grade class. A Regents in Global History & Geography is given at that time.

Global History & Geography I is a chronological format organized around themes/concepts:

Belief Systems  
Change  
Cultural Intellectual Life  
Diversity  
Economic Systems  
Geography  
Imperialism

Interdependence  
Justice & Human Rights  
Movement of Peoples & Goods  
Nationalism  
Political Systems  
Science & Technology  
Urbanization

The course covers from the Ancient World through the Age of Absolute Monarchs.

The difference between Honors and Regents lies mainly in the depth and methods of study, not in the subject matter itself.

Prerequisites: Social Studies 8

## SOCIAL STUDIES

### **GLOBAL HISTORY & GEOGRAPHY 2 HONORS (2220)**

1 Credit

This is the second year of the Global History & Geography course. It is centered around the same themes/concepts and covers the Scientific Revolution and Enlightenment to the present day. It ends with the Regents examination.

The difference between Honors and Regents lies mainly in the depth and methods of study, not in the subject matter itself. The final examination is a Regents.

Prerequisite: Final average of 90% or above in Global History I R or 85% or above if Global 1 H and Department Review

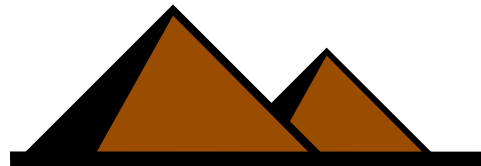
### **GLOBAL HISTORY & GEOGRAPHY 2 REGENTS (2221)**

1 Credit

This is the second year of the Global History & Geography course. It is centered around the same themes/concepts and covers the Scientific Revolution and Enlightenment to the present day. It ends with the Regents examination.

The difference between Honors and Regents lies mainly in the depth and methods of study, not in the subject matter itself. The final examination is a Regents.

Prerequisite: Successful completion of Global History & Geography 1 Regents



### **US HISTORY & GOVERNMENT REGENTS (2230)**

1 Credit



United States History and Government is the chronological study of major historical events and the people who contributed to our cultural heritage. Major emphasis will be placed on reoccurring constitutional issues which have become a persistent theme in a democratic republic. The course will provide a brief survey of constitutional foundations from 1787 to 1865 and then concentrate on events from 1865 to the present. Facts will be combined with a conceptual interpretation to gain a greater appreciation and understanding of America's complex and diverse society.

The course will end with a Regents examination.

Prerequisite: Successful completion of Global History & Geography 1 Regents and 2 Regents

## **SOCIAL STUDIES**

### **ECONOMICS R (2240)**

1/2 Credit

A semester course designed to provide students with an understanding of basic macro and micro-economic concepts. Economic analysis and critical thinking skills are emphasized through the study of economic models and current economic problems.

Prerequisite: Successful completion of Global History & Geography 1 and 2 , and US History

### **GOVERNMENT R (2241)**

1/2 Credit

This course has been developed to reflect state guidelines. It will emphasize the "office of citizen" as demonstrated by participation in government. Students will be expected to consider public issues, investigate pros and cons and settle on a position for action.

Prerequisite: Successful completion of Global History & Geography 1 and 2, and US History

### **GOVERNMENT 12 SENIOR PROJECT (2242)**

1/2 Credit

“Explore your passion; discover yourself” is the slogan for the new senior Government program, Senior Project.

A nationally-recognized program, Senior Project is a rigorous course that consists of four components: a project based upon a student-generated idea, a 2100-2700 word collegiate-level research paper, a portfolio that visually chronicles the experience, and the Senior Boards, an elaborate presentation to a panel of judges. This course, which includes the curriculum of Government R, is designed for the industrious student who wishes to work extensively and independently on a project of his/her choosing.

Prerequisites: Passing of US History R or AP; student must take Government SP in the spring semester.

### **CRIMINAL LAW AND JUSTICE (2256)**

1/2 Credit

This half-year course, which can be taken to fulfill the 12<sup>th</sup> grade Participation in Government requirement, places an emphasis on providing high quality education that will prepare students to pursue a career in criminal justice, that is effective, ethical, and objective.

This course will comprehensively cover American and criminal law, as it pertains to the law enforcement process. It will examine the rationale for the existence of criminal law, while analyzing important historical precedence, contemporary laws, and the social and individual implications of criminal law. It will also address the roles of police, prosecuting and defense attorneys, judges, and other law personnel as the student is introduced to the American criminal justice system.

Prerequisite: Successful completion of U.S. History and Government with

final average of 80% or above.

## **SOCIAL STUDIES**

### **SOCIOLOGY - ELECTIVE (2251)**

1/2 Credit

This is a semester course designed as an introductory survey of the topic. Students will, in some way, be exposed to all of the following specialties associated with sociology: Sociocultural Theory, Methodology, Demography, Rural-Urban Sociology, Social Change and Development, Social Organization, Structure and Institutions.

Teaching activities include: Lectures, Mini-Surveys, Class Discussion, Films and Video Tapes, Individual and Classroom Experiments, Role Playing and Oral Presentations.

Grading is based upon tests, homework, essays on various topics, a course project and final examination.

Prerequisite: Juniors or Seniors or Permission of Instructor

### **PSYCHOLOGY – ELECTIVE (2253)**

1/2 Credit

This course has been developed as a survey with the main goal to introduce students to the study of individual human behavior. The course will serve to define and/or explain the terminology, methodology, major theories, historical development and application of research in this area.

Prerequisite: Juniors or Seniors or Permission of Instructor

### **CRITICAL THINKING IN THE HUMANITIES – ELECTIVE (2258)**

1/2 Credit

This is a semester course open to all eleventh and twelfth grade students and uses the humanities to foster critical thinking. Through an interdisciplinary approach, students will examine the creative endeavors that have shaped the world around them. Teaching will be designed in a manner that will help students develop skills that are instrumental in improving their ability to think more critically and creatively. During the exploration of art, music, literature, dance, drama, and philosophy, students will learn to apply critical thinking skills to make more informed decisions in everyday life and in considering larger social issues. Course assessments will include reports using scholarly journals and web-based research, a group interdisciplinary project, and a final self assessment activity.

Prerequisite: Juniors or Seniors and Permission of Instructor

## **SOCIAL STUDIES**

### **AP UNITED STATES HISTORY – ELECTIVE (2254)**

1 Credit

An intensive chronological study of United States History designed to provide students with both analytic skills and factual knowledge equivalent to that of a full-year college course.

The course terminates with the required Advanced Placement U.S. History Examination. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination. There is a fee to the students for the AP exam.

Prerequisite: Pass Global History & Geography 2 Honors or Regents.

### **AP EUROPEAN HISTORY – ELECTIVE (2255)**

1 Credit

This course places attention upon understandings equivalent to those gained in a college-level introductory course. Emphasis is on the general narrative of European History. The course includes an examination of political and diplomatic, intellectual and cultural and social and economic Europe.

The course terminates with the required Advanced Placement European History Examination. Some colleges and universities grant credit for scores of 3, 4, or 5 on the Advanced Placement Examination. There is a fee to the students for the AP exam.

Prerequisite: Pass Global History & Geography 1 Honors or Regents

### **AP WORLD HISTORY – ELECTIVE ( 2259 )**

1 Credit

The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding will be developed through factual knowledge and analysis. The course will look at the changes that have occurred throughout the world community in history, as well as comparisons among major societies.

This course will cover the full time frame from 8000 B.C.E. to the present. The course will build upon cultural, institutional, and technological precedents that set the stage for human development.

Students enrolled in this course will be expected to take the Advanced Placement Exam in June, as well as the Global History Regents if they haven't previously completed it. There is a fee to the students for the AP exam.

Prerequisite: Pass Global History & Geography 2 Regents or Honors and Department Review

# Career & Technical Education at B.O.C.E.S.

## CAREER/TECHNICAL COURSES

4 Credits

Students in grades 11 & 12 have the option of pursuing career and technical training at the B.O.C.E.S. Career & Technical Education Center in Goshen, NY. Courses taken at the Career & Technical Education Center count for sequence credit.

Students spend 1/2 of their day attending classes at Warwick Valley High School and the other half receiving their technical training. Students attending the CTEC programs develop marketable skills, gain real life experience working with or for local employers, prepare for post-secondary opportunities and increase their earning potential, while obtaining the credits necessary for graduation.

Most courses are 2-year courses, however, there are a few courses that are offered as a 1-year program. Students must be 16 years old. Following a presentation in the 10th grade, students visit the Career & Technical Education Center to see the program first-hand. A meeting with their counselor follows to discuss the opportunities and how this could fit into their four-year graduation plan.

Below is a list of the current courses, which are categorized into twelve Career Academic clusters. Most 2-year programs completed have articulation agreements with colleges and some certification programs built in.

\*Lottery system may be used due to exceptionally large enrollment.

### ENVIRONMENTAL CAREERS ACADEMY

Heavy Equipment Operation & Repair  
Outdoor Power Equipment / Landscaping Operations  
Greenhouse and Floral Technology (1 Year Program)  
Landscape Design Technology (1 Year Program)

### APPEARANCE CAREERS ACADEMY

Cosmetology  
Nail Artistry (1 Year Program)  
Esthetics (1 Year Program)  
Natural Hair Styling (1 Year Program)

### EDUCATION CAREERS ACADEMY

Education and Management  
Early Child Development and Care

### COMPUTER APPLICATIONS CAREERS ACADEMY

Basic Office Applications  
E-Business & Microsoft Applications

# **Career & Technology Education at B.O.C.E.S.**

## **CONSTRUCTION CAREERS ACADEMY**

Carpentry  
HVAC/ Plumbing  
Electrical Construction  
Welding  
Energy Conservation (1 Year Program)

## **CULINARY CAREERS ACADEMY**

Culinary Food Trades

## **ENGINEERING AND APPLIED TECHNOLOGY CAREERS ACADEMY**

Computer Assisted Design  
Computer Networking (CISCO)  
Computer Programming  
Computer Repair (A+/N+ Certification)

## **VISUAL ARTS AND COMMUNICATION CAREERS ACADEMY**

Advertising Art & Design  
Fashion & Interior Decorating  
Digital Filmmaking & Post Production

## **HEALTH CAREERS ACADEMY**

Principle of Health Careers  
Allied Health Assistant  
Pre-Nursing

## **SECURITY CAREERS ACADEMY**

Fire Science (1 Year Program)  
Law Enforcement & Criminal Justice

## **TRANSPORTATION CAREERS ACADEMY**

Automotive Technology  
Collision Repair Technology

## **BASIC OCCUPATIONAL EDUCATION**

Hospitality  
Vehicle Maintenance  
Work Place Learning

# Career & Technology at B.O.C.E.S.

## NEW VISION PROGRAMS

New Vision Medical  
New Vision Law & Government  
New Vision Education  
New Vision Engineering

These programs are opened to highly motivated and high achieving juniors for their senior year of study. The program provides internship opportunities in their particular area of concentration. Students earn College Credit in English, Economics, and Participation in Government and other courses offered in conjunction with Orange County Community College and Orange Ulster BOCES. Students must complete the application and interview process to be considered for acceptance into the program.

## FRESHMAN ACADEMY

A special Freshman Academy program is available for students **14-15 years old upon recommendation of the counselor. This program is designed to act as an academic support to students who have not been successful in a traditional academic setting**

1- 4 Credits

## SOPHOMORE ACADEMY

This is a component that is for **returning Freshman Academy students not recommended into a CTEC Program as well as new sophomores to CTEC.** Over the two-year period students may earn credits in English 9 & 10, Global Studies I & II, Career & Financial Management and Elective.

1-4 Credits

## **SAMPLE SCHEDULES:**

\*Students typically take BOCES CTEC courses in the afternoon session as juniors, and attend the morning sessions as seniors. Students involved in the New Visions program may have a unique schedule.

### TYPICAL PM CTEC SCHEDULE:

Period 1:	7:30 - 8:15	English 11 Regents
Period 2:	8:20 - 9:10	U.S. History Regents
Period 3:	9:15 - 10:00	Mathematics or another elective
Period 4:	10:05 - 10:50	Science or another elective
Period 5:	10:55 - 11:40	Physical Education/Study Hall
Period 6:	11:45 - 1:20	Lunch/Leave for CTEC 12:00
Period 7 & 8		CTEC

(\*Students attending CTEC are dismissed from the CTEC at 3:05 PM.)

Continued.....

## Career & Technical at B.O.C.E.S.

### AM CTEC SCHEDULE:

Period 1:	7:30 - 8:15	CTEC
Period 2:	8:20 - 9:10	CTEC
Period 3:	9:15 - 10:00	CTEC
Period 4:	10:05 - 10:50	CTEC
Period 5:	10:55 - 11:40	Lunch/Students arrive at High School at 10:50
Period 6:	11:45 - 12:30	English 12 Regents
Period 7:	12:35 - 1 :20	U.S. Government/Economics
Period 8:	1:25 - 2:10	Physical Education/Study Hall

CTEC also offers students a variety of applied academics for course credit, while enrolled in their vocational course.

Some examples are: Career & Financial Management (1/2 credit OR 1 credit)  
Technical Reading and Writing  
Technical Mathematics  
Technical Science  
Health  
Technical Art

*Please note that each student attending the BOCES Career & Technical Education Center is an individual with different academic interests. The above schedules are just an example. Each student must meet with their guidance counselor to design the program that is right for them.*

# **INDEPENDENT STUDY**

## **PURPOSE:**

To provide the student with the opportunity to study areas not covered in courses now offered.

To provide the student with an opportunity to pursue further or experiment in an area of interest to him/her.

To broaden the student's responsibility for his/her own education thus contributing to growth and maturity.

## **CREDIT:**

According to the New York State Department of Education, credit for independent study may be awarded to a student once a plan has been approved by a school-based panel including the principal, teacher in the subject area for which independent study credit is sought and a School Counselor or Director.

A student may earn a maximum of 3 units of elective credit only. It may not be awarded for courses required for the Regents diploma. Grading will be on a pass/fail basis and not be part of the grade point average.

## **PREREQUISITES:**

- Student must have demonstrated readiness in each subject in which they seek to undertake the independent study.
- Student has accumulated the expected number of credits for the student's grade level.
- Student has passed the appropriate number of Regents exams required for graduation for the student's grade level.

## **PROCEDURE:**

The student will file an application for study with their counselor at least one month prior to the start of the semester (s) in which the work will be completed. The application must contain the following according to NYS Department of Education:

- Must show how the student will demonstrate mastery of learning outcomes.
- Must be academically rigorous and aligned to the NYS commencement level learning standards.
- Must be overseen by a teacher knowledgeable and experienced in the subject area of the independent study
- Must contain a syllabus with timelines, assignments, and/or projects

The application will be submitted to the panel for approval. Once approval has been granted the student's school counselor will add that to the student's schedule and notify the student of the status.

