

TABLE OF CONTENTS

Page

Introduction.....	2
Guidance Services.....	3
Key Information.....	4
Graduation Requirements.....	5
Sequence Requirements for all Graduating classes.....	6
Questions and Answers.....	6
Attendance Policy.....	13
Course Descriptions	
Art.....	16
Business Education.....	17
English.....	22
Family and Consumer Sciences.....	26
Health Education.....	27
Languages other than English.....	28
Mathematics.....	29
Music.....	31
Physical Education.....	33
Science.....	34
Social Studies.....	36
Technology.....	39

*You have brains in your head.
You have feet in your shoes.
You can steer yourself any direction you choose.
You're on your own.
And you know what you know.
And YOU are the guy (person)
Who'll decide where to go.*

Oh, the Places You'll Go! By Dr. Seuss

INTRODUCTION

Welcome to a new stage in your first career: student. As a high school student, you are already preparing for the rest of your life. The things that you will learn, the topics you discuss, the stories you will read, any of them may suddenly spark what you want to do for the rest of your life. And while we like to make our own decisions about the future, this course description booklet will outline your choices along with the requirements. Your real choices in life are whether or not to do what is expected of you, and we expect everyone who enters our doors to earn a high school diploma.

Imagine that school is like driving a car. From here in Waterford, you could get in your car, and drive to so many places. You could go through Central America all the way down to South America. Or you could go north through Canada and into Alaska. Wherever you go there are some laws to follow. To drive a car you must have a valid driver's license, a car, and money for gas. You need rest and exercise every once in awhile. You can either follow a map or go where your inspirations lead you. But you always have to follow the speed and traffic signs and you cannot drink alcohol and drive.

School is the same way. You could choose to play on a sports team, read all your books as you would billboards, and make new friends. You could go to Medical school if that's the road you choose. But sometimes you'll be expected to speed up or slow down, to follow undesirable detours or to sit still in traffic. There will be accidents and delays; new ideas, historic sites, and tests to challenge your ability. If you could just love the journey from kindergarten through to your senior year of high school, it will be more fun than just asking, "Are we there yet?" The time and energy you invest will bring you to better places.

This booklet will show you the requirements and interesting choices that lie ahead. It is a quick reference to everything you need to know about being a student at the Waterford-Halfmoon Junior/Senior High School. This booklet is a publication of the Guidance Office; please feel free to call us for clarification at (518) 237-0800 choice number seven (7) on the voice mail.

The Guidance Staff:

Mrs. Virginia Austin	Guidance Counselor
Ms. Jessica DiFabio	Guidance Counselor
Mrs. Bernadette Koniszewski	Guidance Secretary

The guidance staff is trained and experienced in helping students understand the many demands that school places on them. From interpreting test scores, getting along with classmates or teachers, meeting the requirements for graduation, finding the right college or career, we are the place. We have many sources for researching colleges and careers: from how to apply for financial aid and the forms to do it, to what kind of salary a particular job pays. We can help you set goals for the future and help you lay out the path to get there. When it comes to understanding why standardized tests are required and what the test results mean, we have the answers. And when something has you down, we are the place to come to talk about it-whether it's a classroom, classmate, teacher or family worry, we're here to help.

What to Expect from the Guidance Office:

Records

Guidance is the beginning and end point of your high school career. It is here that students get their first schedule and homeroom assignment and it is here that your diploma will be approved. All grades and test results are records that are maintained in our office.

Careers

Books, periodicals and computer software are just some of the resources available to our staff, students, their families and the community, about careers. Interest inventories and ability tests are also available to help students choose a career that interests them.

College

We are your main link to finding the right college. Representatives from various colleges come to the guidance office each year to talk to students about majors, costs, scholarships, athletics, campus life, etc. Your guidance counselor has a computer Program called Choices which can also help you get information to choose the career that is right for you.

Counseling

Guidance provides individual counseling to help students (and their parents) understand personal characteristics and personalities. We help students make educational and career decisions based upon a self-awareness of abilities and interests and employment trends. Counseling also provides the opportunity for students to discuss anything that they are concerned with, with great consideration given to confidentiality of those issues. Guidance also offers mediation between students.

Activities

Group guidance activities are afforded to our students throughout their junior-senior high school careers. Some highlights: eighth grade orientation to the high school; orientation to each grade level regarding educational requirements, opportunities and procedures; information provided about occupational and military opportunities and assistance in the personal development of each student; evening student/parent meetings on College Search and Financial Aid information.

Placement

Helping students meet their goals: determining where to go next and what are the possibilities for the future. From instructions on how to look for a college to just deciding which classes are right for each individual, guidance wants you to be 'in the right place.' We can help with the transition that occurs after major changes, between classes, grades or school, transferring in or out of our district and knowing where you'll be going after high school. We are the place for working papers too!

The guidance office is here to bridge the gap between home and school. Whenever in doubt about who to speak with, please feel free to call our office. We want to get to know each of our students and their families personally.

WATERFORD - HALFMOON HIGH SCHOOL COURSE DESCRIPTION CATALOG

2017- 2018

KEY PEOPLE TO HELP YOU

SCHOOL COUNSELORS

Mrs. Virginia Austin ext. 3313
Ms. Jessica DiFabio ext. 3322
PHONE: (518) 237-0800 ext. 3314
FAX: (518) 687-2642

COMMITTEE ON SPECIAL EDUCATION OFFICE

Director of Student Support Services
and Curriculum and Instruction
Ms. Jennifer L. Bull
PHONE: (518) 237-0800 ext. 3315
FAX: (518) 687-2643

ADMINISTRATORS

Superintendent:
Mr. Patrick Pomerville

High School Principal:
Mr. Christopher Scanlan

Assistant Principal
Mr. Joel Richardson

125 Middletown Road
Waterford, NY 12188
PHONE: (518) 237-0800
FAX: (518) 237-7335

The Waterford - Halfmoon Union Free School District does not discriminate on the basis of race, color, national origin, creed, sex, age or handicap as defined by law, and is in compliance with Title IX of the Education Amendments of 1972 and with Section 504 of the Rehabilitation Act of 1973.

INTRODUCTION TO YOUR PROGRAM OF STUDIES

The purpose of the Program Guide is to provide a road map to a successful high school experience. As you will see, we offer many paths to success. Individuals are encouraged to choose the best path for them and to evaluate that path each year.

The Program of Studies outlines four aspects of our high school program:

1. An explanation of graduation requirements as specified by the New York State Board of Regents;
2. A listing of sequence options presented in both narrative and graphic formats for your convenience;
3. Answers to commonly asked questions regarding various aspects of the high school program;
4. A list and description of courses and sequences offered by each subject area department.

Cooperation among parents, students and staff is necessary and very important when selecting a program of study that will provide for the educational needs of every student. The Waterford - Halfmoon High School staff will provide assistance to you in developing your program and will assist in the decision-making and problem-solving processes. Student conferences will be scheduled for this purpose. If you have any questions, you are urged to call the Guidance Office.

QUESTIONS & ANSWERS

1. **What are the graduation requirements?** Every student in grades 9-12 must schedule a minimum of six subjects plus physical education each semester. It is recommended that an additional elective subject be chosen.

REQUIREMENTS FOR GRADUATION FOR ALL CLASSES

Graduation requirements are determined by the year in which the student enters the ninth grade.

Required Number of Credits for all graduating classes: Entering 2001 and thereafter

English	4 credits
Social Studies	4
Mathematics	3
Science	3
Art/Music	1
Health	½
*Physical Education	2
Language other than English	1
Sequences/Electives	3½
<hr/>	
Minimum Number of Credits Needed for a N.Y.S. Local or Regents diploma	22 credits

*Students earn ½ credit of P.E. every year.

**1 unit of credit is earned upon passing the proficiency exam or passing a Level one language course.

REQUIRED EXAMINATIONS

NEW YORK STATE DIPLOMA REQUIREMENTS APPLICABLE TO GRADE 9 STUDENTS FIRST ENTERING HIGH SCHOOL IN 2008-2015		
CREDIT REQUIREMENTS		Local Diploma, Regents Diploma, Regents Diploma with Advanced Designation
		MINIMUM NUMBER OF CREDITS
	English	4
	Social Studies <i>Distributed as Follows:</i> U.S. History (1) Participation in Government (1/2) Economics (1/2) Other (2)	4
	Science <i>Distributed as Follows:</i> Life Science (1) Physical Science (1) Life Science or Physical Science (1)	3
	Mathematics	3
	Languages Other than English (LOTE)	1 ⁽¹⁾
	Visual Art, Music, Dance, and/or Theater	1
	Physical Education (participation each semester)	2
	Health	0.5
Electives	3.5	
Total	22	

⁽¹⁾Students with a disability may be excused from the requirement for 1 unit of credit in LOTE if so indicated on the IEP but must still earn 22 units of credit to graduate

No

tes:

1.) **Pathway assessments are any of the following:**

- Additional math Regents examination in a different course or Department Approved Alternative; or
- Additional science Regents examination in a different course or Department Approved Alternative; or
- Additional social studies Regents examination in a different course or Department Approved Alternative; or
- Additional English assessment in a different course selected from the Department Approved Alternative list; or
- A Department approved CTE pathway assessment, following successful completion of an approved CTE program; or
- A Department approved pathway assessment in the Arts; or
- A Department approved pathway assessment in a Language other than English (LOTE)

See Multiple Pathways at: <http://www.p12.nysed.gov/ciai/multiple-pathways/docs/multiple-pathways-pathways-qa-2015-04-08.pdf>

See Department Approved Alternatives at

<http://www.p12.nysed.gov/assessment/hsgen/archive/list.pdf>

Appeals:

Appeals are subject to local district approval. More information on the appeal to graduate with a lower score on a Regents examination can be found

at <http://www.p12.nysed.gov/ciai/gradreq/CurrentAppealForm.pdf>

3.) **Special Endorsements:**

Honors: A student earns a computed average of at least 90 on the Regents

examinations applicable to either a Regents diploma or a Regents diploma with advanced

designation. No more than 2 Department approved alternatives can be substituted

for Regents examinations and the locally developed Checkpoint B LOTE examination is

not included in the calculation.

Mastery in Math and/or Science: A student meets all the requirements for a Regents

Diploma with Advanced Designation AND earns at score of 85 or better on 3 math

Regents examinations and/or 3 science Regents examinations.

Technical Endorsement: A student meets the requirements for either a local diploma, a Regents diploma or a Regents diploma with advanced

designation AND successfully completes a Department approved CTE program including the 3 part technical assessment

4.) **Transition to the Common Core Regents Assessments:**

ELA: Students who enter grade 9 in 2013 and thereafter must pass the Regents examination in ELA Common Core in order to meet the diploma

requirements.

Mathematics: In 2013 and thereafter any student, regardless of grade level or cohort who begins their first commencement level course in

mathematics must be provided with instruction aligned with the NYS P-12 Common Core Learning Standards for Mathematics and take the

corresponding Common Core Regents examination. More information can be found at

<http://www.p12.nysed.gov/assessment/commoncore/transitionccregents1113rev.pdf>

5.) **Students with disabilities who entered grade 9 prior to September 2011:**

Students with disabilities who enter grade 9 prior to the 11-12 school year who fail one or more Regents examination may take the corresponding

Regents Competency Test (RCT) in order to meet the assessment requirements. This option may not be used in conjunction with the

Compensatory

Safety Net Option.

6.) **Languages other than English (LOTE) exempt students:**

Students with a disability may be excused from the requirement from the required units of credit in LOTE if so indicated on the IEP but must still earn 22 units of credit to graduate. A LOTE exempt student who seeks a Regents diploma with advanced designation, does NOT have to complete the 5 unit sequence in the Arts or CTE in lieu of LOTE in order to meet the assessment requirements for the Advanced Diploma.

REGENTS EXAM or passing score on a Department Approved Alternative	Regents Diploma for all students		Regents Diploma via Appeal for all students		Local Diploma via Appeal for all students		Local Diploma for Students with a Disability		Local Diploma via Appeal for English Language Learners	
	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score	# of Exams	Passing Score
English Language Arts (ELA)	1	65	1	4 exams with a minimum score of 65 and 1 exam with a score of 62-64 for which an appeal has been granted by the district	1	3 exams with a minimum score of 65 and 2 exams with a score of 62-64 for which an appeal has been granted by the district	1	55* (see note below)	1	Either 4 exams with a minimum score of 65 and ELA with a score of 55-61, OR 3 exams with a minimum score of 65, and 1 exam with a score of 62-64 and ELA with a score of 55-61 for which an appeal has been granted by the district
Math	1	65	1		1		1	55*	1	
Science	1	65	1		1		1	55*	1	
Social Studies	1	65	1		1		1	55*	1	
Pathway (See note 1 on reverse side)	1	65 if Regents Exam	1		1		1	55* if Regents exam	1	
Compensatory Safety Net	Non Applicable		Non Applicable		Non Applicable		Scores of 45-54 on any required Regents exam (except ELA and Mathematics) can be compensated by a score of 65 or above on another required Regents exam including ELA and Mathematics.		Non Applicable	
Regents Diploma with Advanced Designation										
Depending on the pathway a student chooses, the Regents diploma with advanced designation assessment requirements may be met in a multiple ways. Students seeking the Regents diploma with advanced designation may choose from the following assessment options:										
Traditional Combination	ELA, Global History and Geography, US History and Government, 3 mathematics, 2 science, (1 must be life science and 1 must be physical science) = 8 Assessments. In addition the student must choose either 2 additional credits in LOTE and the locally developed Checkpoint B LOTE Exam OR a 5 unit sequence in the Arts or CTE.									
Pathway Combination (other than STEM)	ELA, 1 social studies, 3 Math, 2 Science (1 must be life science and 1 must be physical science), 1 Pathway (other than Science or math) = 8 Assessments. In addition the student must choose either 2 additional credits in LOTE and the locally developed Checkpoint B LOTE Exam OR a 5 unit sequence in the Arts or CTE.									
STEM (Mathematics) Pathway Combination:	ELA, 1 social studies, 4 math, 2 Science (1 must be life science and 1 must be physical science) = 8 Assessments. In addition the student must choose either 2 additional credits in LOTE and the locally developed Checkpoint B LOTE Exam or a 5 unit sequence in the Arts or CTE.									
STEM (Science) Pathway Combination:	ELA, 1 social studies, 3 math, 3 science (1 must be life science and 1 must be physical science) = 8 Assessments. In addition the student must choose either 2 additional credits in LOTE and the locally developed Checkpoint B LOTE Exam OR a 5 unit sequence in the Arts or CTE.									

EXAMINATION REQUIREMENTS

***A student with a disability may appeal scores between 52 and 54 on up to two Regents examinations in any discipline and graduate with the local diploma. Students who avail themselves of the Compensatory Safety Net option may not appeal scores of 52 - 54 on the ELA or the Mathematics Regents examinations**

See: <http://www.p12.nysed.gov/ciai/gradreq/CurrentAppealForm.pdf>

2. What is a Unit of Study?

A unit of study relates to a course taken each school day for one school year. A half unit of study relates to a course taken each school day for one semester. A half unit may also be earned for a course taken on alternating days for one school year. A “credit” is awarded for successful completion of a unit of study.

3. How is a student placed in a specific level of a course?

Judgments regarding the placement of a student in specific levels of a course are based on the student’s past performance in the subject as well as the student’s standardized testing record, where applicable. The subject teacher(s) make a recommendation for the level of instruction appropriate for the next school year. *Such decisions must*

be considered seriously as changes during the school year could be very difficult. Decisions are subject to review each year.

4. How is a student promoted from one grade to the next?

In general, promotion from one grade to the next shall be contingent upon the passing of all required subjects and the accumulation of the number of units shown in the chart below. Grade placement is determined prior to September of each school year.

<u>Class</u>	<u>No. of credits earned by student</u>
Freshmen	0 – 4.50
Sophomore	5 – 9.50
Junior	10.0 – 14.5
Senior	15 and above

Note: Certain privileges such as placement of pictures in the yearbook, parking on school property, homeroom, etc. are granted based on a student's grade level assignment.

5. How difficult is it to change my schedule of classes after the school year has started?

A student must initiate the drop consideration with his/her counselor. Written permission of his/her parent/guardian, input from the subject teacher, counselor and administrator will all be taken into consideration as well as documentation of one of the 4 reasons listed above.

Course adjustments will NOT be honored for:

- a. Teacher preference
- b. Choice of a particular time for a class or study period/lunch
- c. To be with friends

Course selection should be made carefully since opportunities to change courses are limited after the school year begins. The number of sections of each course is established by the number of students who sign up during the annual course selection in the spring. It is difficult to accommodate change in individual student schedules after that time. All Student schedule requests are final as of **June 1**.

Sometimes course sections are full or conflicts cannot be resolved. Also, courses in any department will be offered only if there is sufficient enrollment. In these cases, schedule requests may need to be altered. **Only under the following circumstances may courses be dropped after the school year begins:**

- ◆ Student failed the prerequisite course.
- ◆ Student went to summer school and no longer needs the assigned course.
- ◆ Clerical error or two courses assigned to one time slot.
- ◆ Medical considerations (Requires medical verification).

6. Why would my course selections not be honored?

- a. If a student fails a prerequisite course and fails to take and pass it during summer school, he/she will not be scheduled for the requested course.
- b. Course conflicts. In some cases requested courses may only be offered once during the day at the same time period. If this is the case, a student will have to choose which course to take.
- c. If a course is over subscribed and additional sections cannot be offered, seniors will be scheduled

first, followed by juniors, sophomores and then freshmen.

- d. If all prerequisites have not been met.
- e. If the course is canceled.

7. Can a Student be granted an early release from school?

Seniors in good standing (academic, attendance, and discipline) who are scheduled for 6 subjects plus PE each semester may apply for Early Release to the principal. Schedules will not be readjusted to fit in the request.

8. Can a student graduate in less than four years?

Yes, the Board of Education, in certain cases, shall grant students who wish to graduate from high school in less time than the ordinary four year sequence, the permission to complete graduation requirements on an alternate schedule. To this end, all state and local graduation and diploma requirements must be completed for early graduation.

A student shall not be denied exact class rank if he/she wishes to complete the usual four-year course of studies in three years.

A student who has completed the diploma requirements in fewer than eight semesters and is otherwise eligible to receive a diploma is not required to continue enrollment in high school for the sole purpose of completing physical education requirements. Upon request of the student's parent or guardian, the school can grant this student a high school diploma prior to the completion of his/her eight semesters.

As early as possible, the student and his/her parents or guardian must consult with his/her school counselor in order to develop an **early graduation** plan. The building Principal must also

be given notice of such intentions in writing.

The following factors will be considered when a request is made for early graduation:

- 1) The student's grades;
- 2) Performance in school;
- 3) His/her future plans;
- 4) How this would benefit the student

The building Principal shall make the decision on whether to grant permission after consultation with the individual student's counselor, the student, and the student's parent(s). A parent has the option to appeal the building Principal's decision to the Superintendent of Schools.

9. What do colleges look for in college applicants?

Colleges look for students who have demonstrated success in the most challenging courses appropriate to each student. Each college admits students whose past records, including standardized test results, indicate success that will likely continue through higher education. Colleges with specialized degree programs sometimes require performance reviews, such as an art or architectural portfolio or musical audition. Students pursuing admission into these specialized programs can enhance their college application credentials by completing sequences in a related program, such as music or technology.

10. What do employers look for in job applicants entering the work force right after graduating from high school?

Employers look for job applicants who will be productive employees. This means individuals who have good communication skills and a willingness to learn new things. They want responsible

people who get along with fellow workers and who take pride in their work. They expect that employees will come to work everyday and want to see a track record of **good attendance** in high school.

11. What person in the school can help me the most?

The person who will guide you through your high school program is your guidance counselor. This person monitors your records and will assist you with all your major decisions. Your counselor can help with information about classes as well as job or college options. Further, individual teachers and other school staff can be of significant assistance as advisors or even mentors. The entire Waterford - Halfmoon High School staff is committed to helping you make the most of your high school experience. **See introduction.**

12. How is students' progress reported?

An evaluation of a student's progress in school is reported to students and parents eight times a year. Two different formats are used as follows:

A. Report cards and marking period procedures: The school year is divided into four marking periods approximately ten weeks in length. At the end of each marking period, a numeric grade is calculated. This grade is an average of the marks accumulated during the marking period based on class participation, assignment preparation and quiz/test grades. The student's final grade for full year courses will be an average of the four quarters and the final exam. For semester courses, the quarter grade is doubled and added to the final exam and divided by five. A student must achieve a final average of

65 in order to pass a course and earn credit.

B. Interim Reports: Interim progress reports are sent home approximately half way through the marking period and will provide parents with an approximate grade and a number of comments regarding a student's performance.

The district calendar indicates days when report cards are mailed home.

*Parents who share custody of a student may request that a copy of report cards/interims be mailed to them. This request should be made in writing to the Guidance Office.

13. What are some other programs available to me as a Waterford - Halfmoon High School student?

COURSES AT HUDSON VALLEY COMMUNITY COLLEGE

Waterford - Halfmoon High School offers Hudson Valley Community College courses at the high school. (See the courses described elsewhere in this booklet.) These courses are taught by high school staff members for college credit. These courses are not intended to be used to fulfill basic high school course requirements but instead are offered as a way for students to start their college academic experience while they are completing their senior year in high school. Students pay HVCC tuition cost. (Approximately \$100) Students receive a regular HVCC transcript and may transfer the credit to colleges and universities that accept HVCC course work.

HUDSON VALLEY COMMUNITY COLLEGE "EARLY ADMISSION" PROGRAM

High school seniors may apply to enter Hudson Valley Community College as full-time students prior to graduation if they meet the following conditions and requirements: 1. Good academic standing (overall average of 80 or above); 2. Unqualified approval of high school principal and counselor; and 3. Prior course work meets admission requirements for the curriculum for which they apply.

The procedure for applying for "Early Admission" is as follows: 1. Student asks high school counselor to submit a letter to the Admissions Office, designating courses needed to complete high school graduation requirements and student's curriculum choice; and 2. Submit HVCC application - "Early Admission,"

"Early Admission" is for students who wish to attend Hudson Valley Community College **FULL-TIME DAYS**. There are no requirements or restrictions for students who wish to take Continuing Education evening courses part-time. Students may request a Continuing Education brochure by phoning Hudson Valley Community College at 629-7338.

RENSSELAER CAPITAL REGION SCHOLAR PROGRAM

Qualified students may apply to the Rensselaer Capital Region Scholar Program offered by Rensselaer Polytechnic Institute. This program is designed to allow talented students access to a college course at RPI while they are still in high school. Highly motivated students may win a scholarship for one three- or four-credit hour course per semester offered during the regular academic year. To be eligible, a student must be enrolled full-

time in a high school. Selection as a Rensselaer Capital Region Scholar will be made by the R.P.I. Office of Undergraduate Admissions based on the student's high school academic record. See your counselor for details.

SUNY ALBANY

Our course in College Spanish and College English is part of this program.

SIENA COLLEGE HIGH SCHOOL SCHOLARS PROGRAM

Designed to provide highly qualified and motivated high school seniors an opportunity to receive college credit while attending classes on a college campus at a greatly reduced cost of tuition (approximate cost \$185.00). A limited number of seats are available in selected late afternoon or evening classes.

VOCATIONAL TECHNICAL STUDIES

The Waterford - Halfmoon School District is committed to providing education in the area of occupational studies to those students desiring these programs. Vo-Tec programs are one-year and two-year programs in which students earn four (4) credits each year by attending afternoon classes at the Vo-Tec Center in Saratoga. Transportation is provided to these classes and back to Waterford - Halfmoon High School.

Please note: All students must take the bus. Students in Vo-Tec occupational programs in general can take only their required courses or, at most, one elective at the high school. Afternoon Vo-Tec students return to the school at 3:00 p.m. and can ride home on the late bus.

Due to the large financial responsibility assumed by the District for

each student attending a Vo-Tec course, (approx. \$6,550 per year), it is imperative that careful consideration be given to all facts relating to the program before a final decision is made. Once enrolled, students are committed for one full year and may not drop Vo-Tec. Students should plan to talk with their counselor, read the descriptive information about the program, visit the Saratoga Vo-Tec course of their choice, and discuss fully with parents and have them sign necessary forms.

The Saratoga Vo-Tec - Myers Center School has the following course offerings:

- Auto Body Repair
- Automotive Technology
- Conservation
- Construction Trades
- Cosmetology
- Criminal Justice Studies
- Culinary Arts
- Early Childhood Education
- Graphic & Visual Communications
- Health Occupations
- Heavy Equipment
- Horse Care
- Horticulture/Landscaping
- Network Technician/Electronics
- New Visions: Health Explorations
- Nurse Assisting
- Plumbing, Heating & Air Conditioning
- Practical Nursing
- Welding
- Multi-Exploratory Training (METS)

See your counselor for more details.

ENGLISH AS A SECOND LANGUAGE

This program is offered only to students for whom English is not a native language. The curriculum is devised around the student's individual needs, which are demonstrated in an

assessment given prior to placement in the program. Intensive individualized and/or small group instruction is given in the skills of reading, writing, listening, and speaking in English. Also, some instructional time is dedicated to assisting students with coursework for other classes, as well as to improving study skills.

Prerequisite: Language Assessment Battery Test scores and Home Language Questionnaire.

14. What do I do if I fail a course or required exam?

SUMMER SCHOOL

Students who fail required courses are strongly urged to attend summer school so as not to fall behind in credits or grade placement. Students from Waterford - Halfmoon High School attend summer school in various locations including Troy, Cohoes, Shenendehowa, Lansingburgh as well as others. To register, students must first obtain a permission form from their counselor at Waterford-Halfmoon High School. Information regarding summer school is typically available in the guidance office at the beginning of June.

AUGUST REGENTS EXAMS

Students who have failed a Regents may take an August Regents at Waterford - Halfmoon High School or in an area high school. In addition, students who have passed a Regents examination but who wish to improve their test grade by taking the August Regents may do so by submitting a written request to their school counselor by July 9. The written request must be countersigned by both the student and the parent or guardian.

It is recommended that any student who has failed a Regents examination attend summer school or receive tutoring before taking an August Regents examination in that area. Weeklong review classes are offered at area schools such as Cohoes, Troy, or Shenendehowa.

15. What are some Alternative Methods of Earning Credit?

Waterford - Halfmoon High School offers several alternative methods of achieving credits in addition to the route through regularly scheduled classes. Some of these options are described below. A student may earn a maximum of 6 ½ credits by alternative methods.

I. Independent Study -

Independent study projects may sometimes be used to achieve credits in all departments. Independent study projects must adhere to the following guidelines: (1) A teacher/advisor must oversee and evaluate the project work. (2) A written contract is required and it must specify: [a] academic objectives and activities, [b] approximate number of hours of student time commitment, [c] a timeline for project completion, [d] project evaluation criteria and [e] student, parent, teacher, counselor and principal signatures indicating prior approval. (3) A general guideline of 90 hours of project work equals 1/2 credit, 180 hours of project work equals 1 credit will be used. (4) The project work will be graded pass/fail and a passing grade must be earned to achieve credit. Independent study grades will not count in rank in class determination. Administrative pre-approval is required as well as teacher willingness to participate.

II. College Course Credits -

College course credits can be used for Waterford - Halfmoon High School credits providing the following conditions are met: (1) Prior approval is received from the guidance counselor and an administrator. (2) Students pay all tuition costs and request an official transcript for high school permanent records. (3) Generally a college semester course of 3 or 4 semester hours will be given ½ credit at Waterford - Halfmoon High School. (4) Passing grades must be earned in the college course.

III. Course Credit By Examination and Project Work -

Credits at Waterford - Halfmoon High School can be achieved by challenging the Regents examination. A grade of 85 or higher plus the completion of an appropriate project is required to earn credit. A student/parent must make a request to challenge a Regents in writing at least one semester prior to taking the exam. This process cannot be an 'ad hoc' decision. Prior meetings with the counselor should take place. The principal needs to approve both the challenge to the Regents and the accompanying project.

16. What regulations are in place concerning attendance for Waterford - Halfmoon High School?

Waterford-Halfmoon High School Attendance Procedure

The District believes that classroom participation is related to and affects a student's performance and grasp of a subject matter and, as such, is properly reflected in a student's final grade.

Studies have shown the importance of the relationship between attendance at school and achievement. Daily attendance creates an environment, which fosters subject competency, continuity of learning and responsibility, which are all integral to the educational process.

School attendance and class participation lead to student competency and are essential to a comprehensive educational program. For this reason the Waterford-Halfmoon High School Attendance Policy takes into consideration participation as a component of the student's grade. It is the philosophy of the faculty, administration and Board of Education that active participation is an integral part of every course offered in the high school. Class participation shall be evaluated according to guidelines, which the teachers will clearly state at the beginning of each course.

Any student absent from a class more than 15% of the time for any reason, including legal and illegal absences, may not receive credit for the course. Attendance at school sponsored

events where instruction is substantially equivalent to the instruction which was missed shall be counted as the equivalent of regular attendance in class. Examples may include but are not limited to school approved field trips, instrumental music lessons, school provided homebound instruction due to illness or extended discipline, and school sponsored extracurricular activities including athletics.

Transfer students and students re-enrolling after having dropped out of school will be expected to attend 85% of the scheduled class meetings during their time of enrollment. The procedures followed will be prorated according to their possible number of class meetings.

This procedure will be implemented in a Three-stage process.

Updated 1/14/10

Stage I:

When a student is identified as having an attendance problem

Criteria Are:	Stage I
Science Lab Courses* absences	20
Full Year Courses absences	14
Semester Courses absences	7

according to the following table, the teacher will complete a Stage I letter on the appropriate form.

A copy will be sent to the student's parent/guardian, appropriate school counselor and principal.

Quarter Courses (PE)	3
absences	

* For all Courses, arrival to the class fifteen or more minutes late will constitute a class absence.

* Five unexcused tardies to a class will constitute one class absence.

Stage II:

When a student's attendance continues to be problematic according to the following table, the teacher will complete a Stage II form. A copy will be sent to the student's parent/guardian, appropriate counselor and principal. The stage II letter is a notification that the student is in danger of losing credit for the course; additionally, it will clearly delineate the disciplinary measures to be meted out if the attendance problem progresses to Stage III. An administrative meeting will be arranged. The parent/guardian, student, and Principal will meet to review the situation. The counselor will meet with the student to review reasons for the absences and to assist the student to initiate strategies to improve class attendance. Strategies may include, but are not limited to, individual counseling sessions, group counseling, psychological referral and the PINS diversion program.

Stage Criteria Are:	II
Science Lab Courses* absences	29
Full Year Courses absences	20
Semester Courses absences	10
Quarter Courses (PE) absences	5

* For all Courses, arrival to the class fifteen or more minutes late will constitute a class absence.

*Five unexcused tardies to a class will constitute one class absence.

**Stage III
Criteria Are:**

Science Lab Courses*	40 absences
Full Year Courses	27 absences
Semester Courses	14 absences
Quarter Courses (PE)	7 absences

* For all Courses, arrival to the class fifteen or more minutes late will constitute a class absence.

*Five unexcused tardies to a class will constitute one class absence.

When a student's attendance continues to be problematic according to the above table, the teacher will complete a Stage III letter. A copy will be sent to the student's parent/guardian, appropriate counselor and principal. The parent/guardian, student, principal, counselor and teacher(s) may meet to review the grade, and the possible failure and loss of credit.

Parent – Student Notification

School officials will strive to notify parents/guardians and students on a timely basis as required by this policy, but in the event that a student is not notified, the consequences prescribed by the policy will be effective immediately upon the accumulation of the designed number of absences.

Appeal Process

Parents and students have the opportunity to:

- a. Challenge the number of absences on record.

b. Request that the maximum allowable absence limit be waived as the result of extenuating circumstances

Parents and students may appeal the above by requesting a meeting with the High School Principal or Superintendent

17. What services are available for students by the Committee on Special Education?

Each school district in New York State is required to have a Committee on Special Education to review students who are experiencing unusual academic difficulties which may be due to a disability. The Committee on special Education may conduct a multidisciplinary evaluation if a parent requests this in writing and once Response to Intervention (RTI) services have been tried over a period of time with no satisfactory progress. RTI is a “multi-tiered, problem-solving approach that identifies general education students struggling in academic and behavioral areas and provides them with systematically applied strategies and targeted instruction at varying levels of intervention”.

RTI provides for varying levels of intervention to better assess student strengths and match student needs. In addition, it encompasses a problem-solving approach to ensure students are receiving the right intervention. If RTI procedures do not yield positive results, a parent may request a multidisciplinary evaluation for their child. Procedures for this route are set by the Commissioner of Education. If a student is determined to be qualified for an Individual Education Plan (IEP), the plan is developed to address the student’s area of disability.

A student who does have an IEP may have a specific, specialized program recommended such as Resource Room.

of Schools. All appeal decisions will be administered in a neutral manner and will comply with applicable law and regulations and decisions of the Commissioner of Education.

According to the regulations, a resource room is designed to provide “specialized supplementary instruction”. A student may receive extra assignments related to the coursework or related to their specific disability. Resource room is not a study hall. Students learn valuable, life-long skills such as studying for tests, reviewing core subject vocabulary, learning organizational skills or doing supplemental assignments to build academic skills to support all their academic courses. This program is recommended by the CSE and is not a credit bearing class.

ART

STUDIO IN ART: A COMPREHENSIVE FOUNDATION COURSE

1 Year – 1 Credit

The purpose of this course is to introduce students to the nature of art, the elements and principles of art, and the movements and trends in the field of art. The student will explore these concepts through drawing, painting, and sculpture media. Evaluation for this class is based on unit tests, quizzes, a final portfolio project, completion of classroom projects and a final exam. This course includes career education in the art field.

This course is a prerequisite for ALL Other Art courses except Photography.

Note: This course may be used to Meet the required 1 credit of Art/Music.

STUDIO IN DRAWING

1 Year - 1 Credit

Portraiture, the figure, still life and landscape drawing will be studied as students develop an understanding of compositional design. Various drawing media will be explored as students study the techniques of historical and contemporary artists. Students' individual styles will be encouraged. Evaluation in this course will be based on classroom assignments, oral/written critiques and a final portfolio project. All students will keep a portfolio of their work.

Prerequisite: Studio In Art

STUDIO IN PAINTING

1 Year - 1 Credit

This beginning course is for those students interested in learning the various skills, techniques and media associated with painting. Students will paint from direct observation as well as develop more conceptual expression as they study historical and contemporary masters. Students will also begin to develop their own individual styles. Evaluation in this course is based on classroom assignments, oral/written critiques, and a final portfolio project. Students are required to purchase a portfolio. (Cost under \$10.00)

Prerequisite: Studio In Art

COMPUTER GRAPHICS

1 Year – 1 Credit

This class is for the artistic student who wants to explore the possible careers in computer art. Students will explore the art of visual communication, illustration, photo manipulation, advertising design, and the principles of 2D and 3D animation. Students will

learn how to use a digital camera, scan artwork, draw, paint, and manipulate digital images using a graphics tablet, pen, and mouse. Painter, Adobe Photo, Flipbook 6, and Bryce are the major software used. Evaluation in this course is based on classroom projects, participation, oral/written critiques, and a final portfolio project

Prerequisite: Studio in Art or by Special Permission of the Instructor. This course requires drawing. Course is offered every other year.

WEB COMICS

DIGITAL STORYTELLING

1 Year - 1 Credit

This course is an introduction to combining sequential art and the story telling process to create comics for graphic novels for print and digital delivery. Students will be using traditional and/or digital imaging techniques to create an original character and storyline. Students will learn how to employ digital tools which may include, Painter, Photoshop, Bryce, Flip book Comic Life and photography for layout, text, color and tone. This course will require a demonstrated interest in writing, drawing, and the ability to meet deadlines.

Course is offered every other year.

BUSINESS EDUCATION

Requirements for a sequence in business:

3-Unit Sequence

Career and Financial Management (CFM)
And
two other Business Education Courses

5-Unit Sequence

Career and Financial Management (CFM)
and

four other Business Education Courses

BUSINESS DEPARTMENT'S MISSION STATEMENT

Business education represents a broad and diverse discipline that is included in all levels of education: elementary and middle schools, secondary schools including area occupational centers, one and two year colleges, and four year universities. New York State endorses the policy statement of the National Policies Commission for Business and Economic Education, which states:

WE BELIEVE THE MISSION OF BUSINESS EDUCATION IS:

- ◆ To educate individuals FOR and ABOUT business, and prepare for careers in this sector.
- ◆ To provide a continuous program of planned learning experiences designed to equip individuals to fulfill effectively three roles:
 1. to produce and to distribute goods and services as workers;
 2. to use the results of production as consumers; and
 3. to make judicious socio-economic decisions as citizens.
- ◆ To provide career information that helps students relate their interests, needs, and abilities to occupational opportunities in business.
- ◆ To provide educational opportunities for students preparing for careers in fields other than business to acquire business knowledge and skills needed to function effectively in those careers.

**CAREER AND FINANCIAL
MANAGEMENT (CFM)**
1 Year - 1 Credit School Exam

This course is required in each business education sequence. Career and Financial Management (CFM) is a full-year course that combines personal resource management with career analysis and evaluation. The course will focus on the U.S. Department of Education 16 Career Clusters.

Course content will help students develop fundamental concepts and skills in preparation for further occupational programs along with introducing students to the realities of the working world. It seeks to develop progressive skills and behaviors that will help young adults integrate their roles within the workplace, the home, and the community. Students will acquire a clear perception of how different environments influence life systems. They will be able to manage information and use resources efficiently, while assessing their abilities and limitations.

Students will learn and apply concepts in the effective management of personal resources, which include energy, knowledge, skills, creativity, time, and financial resources. Students will have the competencies necessary for career and occupation selection, acquisition, and maintenance. They also will be able to manage resources as productive workers, contributing family members and self-sufficient individuals.

Teachers use hands-on activities and resource professionals from the community, to enhance classroom experiences. This course will be beneficial for all students whether they're pursuing a business sequence, technical sequence or a Regents program sequence.

Note: Recommend Scheduling in 9th Grade.

Prerequisite: None

KEYBOARDING/COMMUNICATIONS

1 Year - 1 Credit School Exam

This course is designed to develop alphabetic as well as numeric keyboarding skills to improve keying speed and accuracy. The course will also include activities directed to the development of nonverbal, verbal and written communications. Listening skills are enhanced as well as business terminology and knowledge of English mechanics.

Projects are completed which develop proficiencies in the most common office applications such as: reports, letters, outlines, agendas, memos, and tables. Students will take a school exam.

Prerequisite: None

BUSINESS LAW

1 Year – 1 Credit School Exam

Primary objectives for this course: personal, societal and occupational responsibilities make this an excellent elective for all students.

In the study of business law, students will develop a respect for and an understanding of business and personal law, as well as the need for law enforcement and how it protects your personal, family, and occupational pursuits. An introduction to our legal system, court procedures and the jury process will be presented. Students will become aware of the need for legal assistance in a variety of day to day business transactions so that they may avoid legal entanglements by having a working knowledge of their rights and obligations. Students experience a learning environment where they can understand the application of the principles of business law as applied to

various situations affecting the present and future daily activities of American business and their interaction with it. Students will take a school final exam.

Prerequisite: Sophomore, Junior, or Senior

BUSINESS MANAGEMENT

½ Year- ½Credit (WHHS) School Exam

This course prepares students to be effective managers and leaders. Students will gain an understanding of how businesses are developed, organized and managed. The course covers organizational theory, principles and practices. It explores the management functions of planning, leading, organizing and controlling. It also examines social responsibility, the effect of multicultural diversity in the workplace, leadership styles and motivational theories.

Prerequisite: None

ENTREPRENEURSHIP

½ Year – ½ Credit School Exam

What does achieving the “American Dream” of owning and operating a business really involve? Students will be introduced to the concept of entrepreneurship and the skills needed to open and operate a successful small business. Students will learn the components of a business plan and develop a plan for a business of their choice. Many resources that are available through the internet to assist small businesses will be utilized. In addition, students will complete Word, Excel, and Publisher activities to acquire the word processing, spreadsheet and graphic skills necessary to complete a business plan.

Prerequisite: None

ACCOUNTING

1 Year – 1 Credit

School Exam

This course is designed to provide students with a basic understanding of accounting which is essential for anyone going into the business world and beneficial for personal financial activities. The prime objective of this course is to introduce students to the double-entry system of accounting for a sole proprietorship. Students learn the basic accounting principles and procedures, including the accounting cycle, profit and loss, payables and receivables, and payroll.

Students learn how to record, classify and summarize the economic transactions of a business and generate financial statements including the income statement, balance sheet, cash flow statement and statement of changes in owner's equity. The Course is designed with practical applications to help students understand the relationship between the manual system of accounting and a computerized system. In addition, each student will gain practical accounting skills while running a virtual business in a realistic and fun learning simulation.

Prerequisite: Sophomore, Junior, or Senior

MICROSOFT OFFICE I

1/2 Year 1/2 Credit

School Exam

Computer skills are imperative in the 21st Century. In this course, students will build upon existing skills to become computer proficient. Using Microsoft Office, students will complete hands-on activities with Word and PowerPoint. Students learn and use shortcuts and automated features that will allow them to quickly produce professional looking

documents, reports, and presentations. In college and the business world, reports need to be done quickly, accurately and correctly. This course will prepare students for the challenge.

**Prerequisite: *Keyboarding
(*recommended but not required)
Not offered in 2015 – 2016**

MICROSOFT OFFICE II

1/2 Year 1/2 Credit

This advanced course is a continuation of Microsoft Office I. Students will learn Microsoft Excel spreadsheet skills to utilize formulas and functions and to produce charts. Students will also be introduced to Microsoft Access and will learn how to create and maintain a database, produce tables and forms, create queries, generate reports and sort and filter data. In addition students will learn the advanced integration features of Microsoft which are all widely used in the business world. Students will produce the professional looking documents that colleges and employers require today.

**Prerequisite: Microsoft Office I
Not offered in 2015 - 2016**

MARKETING

1 Year - 1 Credit

School Exam

This course introduces students to one of today's fastest growing and most exciting fields. This course provides an excellent opportunity to explore the role marketing plays in our economy. If you are planning a career in business administration, marketing, advertising, retailing, or would like to own/operate your own business one day, this course is for you. Learn about current trends in marketing as you develop your decision

making skills while completing hands-on projects.

As part of the course, **The Junior Achievement Company Program** provides students with practical business experience through the organization and operation of their own company. With the help of business volunteers, students gain insights into the complexities of starting a corporation and developing, manufacturing, marketing and selling their own product.

Prerequisite: None

BUSINESS COMMUNICATIONS

Optional HVCC 3 Credit Course (for Juniors & Seniors) HVCC Final 1/2 Year – 1/2 Credit

The content of this course can be outlined in three broad topic areas:

A. An Introduction - The content of this topic area is directed toward understanding the basic rudiments of communication and their importance in the clear transmission of information in business, government, industry, education, and the home. It expands upon specific basic skills including English mechanics, writing, and speaking and applies them to the universal principles of communication and human behavior.

B. On The Job - This topic area is concerned with communication skills essential to effective job performance: listening skills, writing skills, reading skills, and oral communications.

C. Occupational Competency - This area focuses on reading, writing, and oral presentation skills required in a variety of specific job assignments. Students also explore the impact of communication technology in the way business is conducted, how business is facilitated, and how modern

communication equipment has increased the value of accurate, up-to-the-minute information.

Students in this course will complete class activities employing the Microsoft Office software package. This is a widely used applications package in business and industry today and offers the students state-of-the-art text editing and desk-top publishing capabilities.

Prerequisite: Sophomore, Junior or Senior

MATH & FINANCE

1 Year - 1 Credit School Exam

This course is designed for students interested in exploring the world of personal finance. Major topics include budgeting, payroll, basic checking and savings accounts, the importance of insurance, the appropriate use of credit, planning for retirement and investing in stocks, bonds and mutual funds. Students will participate in the "Stock Market Game" which provides them a chance to invest a hypothetical \$100,000 in a real-time portfolio while learning useful economic and financial concepts. The topics covered in this course will help with planning for college, careers and lifelong financial stability.

Students who have successfully passed the Integrated Algebra Regents examination, and upon local educational agency approval, Math and Financial Applications may be used to fulfill one of the three units of mathematics required for a Regents diploma.

Prerequisite: Successful completion Algebra and Algebra Regents exam

PERSONAL FINANCIAL MANAGEMENT (PFM)

1/2 Year; 1/2 Credit

The Personal Financial Management This course is designed to educate teens in making smart decisions when it comes to money, credit and personal finance.

Core modules include: Money Management; Borrowing; Earning Power; Investing; Financial Services and Insurance. Students will participate in the W!SE (Working in Support of Education) Financial Certification Program earning them achievement of national certification in the course competences.

Prerequisite: None

ENGLISH

ENGLISH 9

1 Year – 1 Credit

School Exam

In English 9 we will:

- Conduct an in-depth study of literary elements
- Read and critically analyze multiple genres of literature including: short stories, novels, drama, non-fiction, and poetry using literary elements through guided reading, co-operative learning groups, and independent reading
- Research and write an in-depth research paper in proper Modern Language Association format using a proven organizational method
- Conduct individualized Independent Reading (one per quarter)
- Reinforce the writing process through essay writing to prepare for the New York State Regents Examination

- Study vocabulary integrated into the thematic units
- Use film adaptations as a basis of contrasting/comparing pieces of literature

Prerequisite: None

ENGLISH 9 Honors

1 Year – 1 Credit

School Exam

In English 9 Honors we will:

- Use literary elements in a critical in-depth analysis of various pieces of literature
- Discuss different theories of literacy criticism and apply them to the works we read as well as supplemental literature
- Conduct in-depth historical and biographical research on the literature/authors we read in class to place the works in their correct, complete context
- Complete a college-quality Modern Language Association Format research paper
- Practice higher-level cognitive and abstract skills in essay writing to prepare for the New York State Regents Examination
- Conduct various Independent Reading projects (two per quarter)
- Reinforce the writing process through more sophisticated essay writing prompts focusing on writing with a greater sense of “voice”. Writing assignments will be of a longer required length and more frequent than non-Honors English 9.
- Study advanced vocabulary suitable for the SAT integrated into the thematic units and on its own.
- The curriculum will be of a faster pace than the regular English 9 class, with more independent+

work required.

- If a student's average falls below an 88%, they may be dropped from the program and placed in a Non-Honors English class.

Prerequisite:

88% Cumulative average in English 8, Teacher Recommendation & Completion of Summer Reading Project

English 10 R

1 Year – 1 Credit School Exam

This course introduces students to more advanced literary elements and how these elements convey meaning in novels, plays, short stories and poems. Students will participate in different group activities and guided learnings. Students will continue to practice Regents style essay writing and will focus heavily on analytical skills. In this course, tenth graders learn presentation skills and are required to give a five minute oral presentation. Additionally, students will sharpen their research skills, and using the ML style, produce a persuasive research paper on a controversial issue.

Prerequisite:

Successful Completion of English 9

ENGLISH 10 Honors

1 Year – 1 Credit School Exam

In addition to the standard course of study prescribed for all English 10R students, honors students will be exposed to supplemental literature from a wider range of cultures and ethnicities, and will be expected to do a more in-depth critical analysis in all genres of literature. Focus will be placed on writing with “voice” and “style” and students will be required to write longer and more frequent pieces. Honors students will participate in enhancement activities such as,

debates, dramatizations, writer's workshops, and Socratic seminars. Because additional works are added, students should expect a faster paced curriculum. Additionally, all honors students are required to complete summer reading and assignments that are due in September and which will count toward their first quarter average. Students must complete their summer work and maintain an average of 88% or better to remain in the course. If a student does not complete the summer assignments, or a student's average falls below an 88%, they may be dropped from the program and placed into a non-honors class.

Prerequisite:

88% average in English 9, Teacher Recommendation & Completion of Summer Reading Project

ENGLISH 11

1 Year – 1 Credit Regents Exam

This course places strong emphasis on reading, writing, listening, speaking and thinking. The students read and analyze various genres of literature including short stories, drama, novels, and poetry. In this analysis, students complete many writing activities including journal responses and literature essays. The students also study various literary devices within each genre including setting, juxtaposition of time, foreshadowing, irony, symbolism, theme, characterization, satire, folk tradition, allusion, tone, escapism, bildungsroman, dialect. Coursework is presented in preparation for the administration of the Regents Examination in Comprehensive English.

Prerequisite: Successful completion Of English 10

English 11 Honors

1 Year – 1 Credit Regents Exam

This course develops the

student's skills in reading, thinking, writing, listening, and speaking through in-depth study of literature in a variety of genres and through researching informational materials. It is based on the Common Core Standards for eleventh grade Language Arts. Honors students will participate in enhancement activities such as debates, dramatizations and writer's workshops. This course is significantly more rigorous and demanding and covers more material in greater depth than English 11. It is highly recommended for those students planning to take College English in twelfth grade.

Prerequisite: 88% average in English 10, Teacher Recommendation & Completion of Summer Reading Project

ENGLISH 12

**1 Year - 1 Credit
(10 WEEKS EACH)**

School Exam

1. **WRITING WORKSHOP** This course will concentrate on the exploration and practice of various writing forms. Such forms may include:

Exaggerated News Story
Persuasive Piece (To be used as basis for debate)
Straight News Story
Debate: Responses, reactions, rebuttal
Listening Passages-Journal Responses
Persona Pieces
Autobiographical Narrative
Short Story
Research Project
Poetry
Drama-Journal Responses
Dialogue Creation & Performances

2. **SPEECH** - This course will provide students with an introduction to the principles of public speaking. Students will also incorporate visual aids

into their presentations. Listening skills will also be emphasized in the course.

3. **DRAMA** - This course will provide an introduction of drama to students. This highly interactive course will cover the history of drama, elements of a play, dramatic devices and techniques, and creation and performance of dramatic scenes. The final project for this course will be a dramatic performance based on student authored scripts incorporating dramatic elements investigated this quarter.

4. THEMATIC ROOTS OF

LITERATURE - This class discusses the meaning of theme and the various ways theme can be developed in a piece of literature. Using literature the students have read in the past, the students complete several writing assignments which discuss theme and the ways different authors use literary devices to develop theme. The class then explores literature with common themes. Such literature includes **Oedipus Rex, Fiddler on the Roof and West Side Story.**

College English

1 Year - 1 Credit

School Exam

This course is a University in the High School course through SUNY Albany which serves as an introduction to reading literature with a concentration on form, genre, motif, etc. Our focus will be on developing the critical skills for interpreting and evaluating significant representative works from a variety of cultures and historical periods. We will read literature through a variety of lenses: cultural, philosophical, social, intellectual, racial, historical, and the like. Using a variety of mediums and texts, this course will challenge students to examine the ways in which texts, writers and readers interact. This course is

reading/writing intensive and students should expect a demanding workload: including the completion of summer work. Upon successful completion of the course with an average of 75 or better, students will receive 3 college credits.

Prerequisite:

88% average in English 11, Teacher Recommendation & Completion of Summer Reading Project

DEVELOPMENTAL READING

1 to 5 days per week - 0 credit

Developmental reading upgrades students' reading skills through small group individual instruction. Goals for reading students are:

- ◆ Encouragement of independent and pleasure reading
- ◆ Compensation for and correction of reading difficulties
- ◆ Improving reading comprehension
- ◆ Boosting of self-esteem
- ◆ Improvement in study skills
- ◆ Use of reading skills and strategies in content courses

Prerequisite: Students are placed in reading classes through a screening process which can involve any of these factors: testing, faculty recommendation, or parent/student requests.

FOR YOUR INFORMATION:

DESCRIPTION OF STUDY SKILLS ALIGNED WITH NYSED STANDARDS

Study skills in all English classes are integrated into the whole tasks. Additionally, all four standards are integrated into all English classes, grades 7-12.

- Standard I. Listening and writing for information and understanding
- Standard II. Reading and writing for information and understanding
- Standard III. Reading and writing for literary response

- Standard IV. Reading and writing for critical analysis and evaluation

What follows are some examples of language-oriented study skills. Students receive instruction, practice, and modeling in these and other study skills:

A. Note-taking

1. Note-taking on written material
2. Note-taking on class discussion
3. Note-taking on group discussion
4. Note-taking on teacher and student presentations
5. Note-taking for research

B. Organizational skills

1. Keeping notes in binder and/or class folder, organizing by date and/or topic, and consistently using those materials.
2. Using student planners or assignment notebooks to keep track of required work
3. Techniques for reviewing work over several days prior to evaluation
4. Encouraging students to utilize teachers, homework clinic, and school and community resources such as computers, labs, and libraries.

C. Vocabulary Development

1. Identification of vocabulary words in current reading.
2. Application of root words, prefixes and suffixes to help identify unfamiliar words.
3. Using words in context sentences and sentence models.
4. Use of flash cards to self-evaluate
5. Use of graphic organizers for making connections between words and concepts
6. Use of verbal analogy exercises

7. Narrative writing to learn and review vocabulary words
- D. Increasing Comprehension of Literature**
1. Practice of vocabulary study skills (see C.)
 2. Use of reader-response logs.
 3. Identification of control statements as a means to understanding a paragraph.
 4. Identification of supporting details as a means to understanding paragraph development.
- ◆ Recognition and identification of wide variety of “narrative voices” in literature.

FAMILY and CONSUMER SCIENCES

FOOD AND NUTRITION I & II

1/2 Year – 1/2 Credit School Exam

This course is designed to help students understand nutrition, as well as learn basic culinary skills. Students will research the USDA Food Guide, comparison shop, and plan and prepare nutritious meals. Students will complete a research paper, a “Nutrition Awareness” project and food preparation labs. This course relates to careers in culinary arts, dietetics and nutrition education.

LIFESPAN STUDIES (Formally Human Development)

1/2 Year- 1/2 Credit School Exam

This course is designed to help the student understand the adolescent’s role in the community as well as the family unit. It covers ways in which adolescents relate to persons of all ages

using practical applications. This course relates to careers in human services. Activities include movies, interviews, a lifespan project and a “Resource Day”

Prerequisite: None

CHILD DEVELOPMENT

1/2 Year – 1/2 Credit School Exam

This course is designed to explore the world of children through the study of the physical, emotional, social and intellectual development, beginning with the fetus and following through infancy, toddlerhood and the preschool age. Students study the influences on children and how these influences effect growth. A mentoring program with the kindergarten is an important part of this course.

Note: Course offered every other year

Prerequisite: Sophomore, Junior, or Senior

PARENTING

1/2 Year – 1/2 Credit School Exam

This course provides examination of responsible parenting, developing parenting skills and styles, different approaches to discipline and guidance and fostering positive development in children. The economic, social, educational, and physical conditions, which influence parenting, are identified and their implications are explored. Skills for working with children of all ages will be discussed.

Prerequisite: Sophomore, Junior, or Senior Standing

HEALTH EDUCATION

HEALTH

1/2 Year - 1/2 Credit

Health Education instills in students the knowledge and skills to examine alternatives and make responsible health-related decisions. Drawing on knowledge from the biological, environmental, psychological, social, physical, and medical sciences, health education helps students learn to prevent and manage health problems.

National Standards for Health Education - as a result of a quality 9-12 Health Education experience, the National Standards for Health Education state that students will:

- ◆ Comprehend concepts related to health promotion and disease prevention
- ◆ Demonstrate the ability to practice health-enhancing behaviors and reduce health risks.
- ◆ Analyze the influence of culture, media, technology, and other factors on health.
- ◆ Demonstrate the ability to use interpersonal communication skills to enhance health.
- ◆ Demonstrate the ability to use goal-setting and decision-making skills to enhance health.
- ◆ Demonstrate the ability to advocate for personal, family, and community health.

The areas of study for the 9-12 Health Education Program include:

- ◆ Nutrition
- ◆ Physical Fitness
- ◆ Human Growth and Development
- ◆ Family Life Education
- ◆ Consumer Health
- ◆ Alcohol, Tobacco, and Other Drugs
- ◆ Community Health
- ◆ Disease and Disorders
- ◆ Environmental Health

- ◆ Safety, First Aid, and Survival understanding of the concept of wellness.

Prerequisite: Sophomore, Junior, or Senior Standing

Note: This course is required for graduation.

Reconnecting Youth (RY)

1 Year (every other day) ½ credit

This class is developed for students who are in need of a connection to the school environment for a variety of reasons. The curriculum has four skills training units: Self Esteem Enhancement; Decision Making, Personal Control, and Communication Skills. The curriculum is taught within a “peer group” context to help motivate students to promote problem solving, increase school performance and increase mood management skills.

Prerequisite: Guidance Counselor Recommendation

LANGUAGES OTHER THAN ENGLISH

Spanish

For students entering high school 9/2001 or thereafter, they must successfully complete one credit of Language other than English. This can be earned by passing the LOTE proficiency at the conclusion of 8th grade.

A 3 unit sequence in language requires 3 credits in the same language and successfully passing of the Regents examination.

The study of foreign languages plays a vital role in the preparation of

human beings for effective living in the modern world. By its very nature, It develops direct intercultural communication and insight into the ways people in other cultures live. It provides practical communication skills especially useful in government, international relations, commerce, industry, and the professions. It furnishes the means of leisure-time fulfillment to enjoy travel, literature, and the arts for self-cultivation. (P. 22: The Secondary School Curriculum of New York State – A handbook for Administrators)

LEVEL I SPANISH

1 Year - 1 Credit School Exam

The course is designed for those students who have fulfilled two units of study in the second language, but have not yet earned one high school credit required for graduation.

Prerequisite: None

LEVEL II SPANISH

1 Year - 1 Credit School Exam

A refinement and broadening of patterns and combining all verb tenses allow greater flexibility of expression in the language. Compositions become more complex with students beginning to express their opinions in the target language through paragraph development. The reading sections in each unit increase considerably, thus requiring a more sustained effort in comprehension. Once again cultural capsules are emphasized to stimulate conversation. A comprehensive final exam is given at the end of the year.

Prerequisite: Students have earned one year of high school credit

through successful completion of the Proficiency Exam

LEVEL III SPANISH

1 Year – 1 Credit Regents Exam

Grammar and vocabulary are tied together, enabling students to converse in the foreign language and to read more challenging literature. The culmination of the year is the New York State Regents examination.

Prerequisite: Successful completion of Level II

COLLEGE SPANISH

1 Year – 1 Credit School Exam

This course is for students who have successfully completed Spanish III or French III and wish to continue learning and vastly improving the four language skills. The course will incorporate the National Standards in Foreign Language Education and NYS LOTE Standards along with fulfilling the General Education Requirements for oral discourse.

- The students' understanding of the Spanish language will be strong enough to be able to grasp the meaning of the topics being introduced.
- Students will be able to communicate in Spanish beyond the "survival" level. Although students will still be talking about their friends and everyday occurrences, they will also be developing their speaking skills to talk about social issues, current events, and other topics that are introduced in the textbooks, websites, and media.
- Readings will introduce students to literary excerpts and non-literary subject matters. The difficulty levels of the readings

vary so that the student can adapt and adjust to different styles.

- Writing assignments will be longer, more comprehensive and will integrate a variety of themes.

Students are eligible to receive credit through The University at Albany.

Prerequisite: Successful completion of Level III

MATHEMATICS

The high school mathematics courses (Integrated Algebra, Geometry, Algebra & Trigonometry) are built around five process strands: Problem Solving, Reasoning and Proof, Communication, Connections, and Representation as well as five content strands: Number Sense and Operations, Algebra, Geometry, Measurement, and Statistics and Probability. Within these courses, students will be expected to make connections between the verbal, numerical, algebraic, and geometric representations of problem situations. These courses will require students to apply and adapt a selection of strategies and algorithms to solve a variety of problems. It is expected that these strategies and algorithms will be implemented using both traditional and technological tools.

ALGEBRA

1 Year – 1 Credit Regents Exam

This course is the foundation for all future Math courses. Major topics include reasoning and problem solving, solving and graphing equations and inequalities, linear functions, exponential functions, quadratic functions, and statistics and data analysis. A scientific calculator is required, however, TI-83+ or TI-84 graphing calculator is

recommended since there is only a classroom set. **The final exam is the Common Core Algebra Regents Exam in June, which is required for a Regents diploma.** (It is the first of three exams necessary for an Advanced Regents Diploma.)

ALGEBRA 1X

1 Year – 1 Credit School Exam

This is the 1st year of a two year course preparing students for the Mandatory NYS Common Core Regents exam the following June. A scientific calculator is required, however, TI-83+ or TI-84 graphing calculator is recommended since there is only a classroom set.

Prerequisite: None

ALGEBRA 2X

1 Year – 1 Credit Regents Exam

This is the second year of the two year course described in Math 1X. A scientific calculator is required, however, TI-83+ or TI-84 graphing calculator is recommended since there is only a classroom set. These students will take Common Core Algebra Regents Exam in June.

GEOMETRY

1 Year – 1 Credit Regents Exam

This is the second course of the NYS requirements for Advanced Regents Diploma. Within this course, students will have the opportunity to, take conjectures about geometric situations and prove in a variety of ways, both formal and informal, that their conclusion follows logically from their hypothesis. This course is meant to employ an integrated approach to the study of geometric relationships. Integrating synthetic, transformational, and coordinate approaches to geometry,

students will justify geometric relationships and properties of geometric figures. The students will take the Regents Exam in June. A scientific calculator is required, however, TI-83 or TI-84 graphing calculator is recommended since there is only a classroom set.

Prerequisite: The successful completion of Algebra or Geometry NR.

GEOMETRY NR

1 Year – 1 Credit School Exam

This is a non-regents course which will cover select topics in Geometry. Students should be juniors that are coming from 1x/2x sequence OR sophomores coming from Algebra who received 69% or below average in Algebra, or who may need an extra year of Geometry.

Prerequisite: The successful completion of coursework leading up to the NYS Algebra Regents or Common Core Exam.

Algebra II/Trigonometry

1 Year – 1 Credit Regents Exam

This is a one year course, the third of the NYS requirements for Advanced Regents diploma. Students will identify and justify mathematical relationships, formally & informally. Students will demonstrate mathematical reasoning ability when solving problems.

Prerequisite: Successful completion Of Algebra & Geometry.

PRE-CALCULUS

1/2 Year – 1/2 Credit School Exam/College Final Exam

This is a college level course offered through the University at Albany (MAT 100). Students have the opportunity to receive 3 college credits at

the successful completion of this course. The course covers all high school mathematics including the basic properties of the real number system, the properties of functions that will be encountered in calculus including advanced polynomial functions, graphing techniques, exponentials/logarithms, trigonometric functions and possibly an introduction to calculus.

Prerequisite: The successful completion of Algebra II/Trigonometry.

CALCULUS I

1/2 Year 1/2 Credit School Exam/College Final Exam

This is a college level course offered through the University at Albany (MAT 112). Students have the opportunity to receive 3 college credits at the successful completion of this course. This course includes Limits, Differentiation, and Integration of functions.

Prerequisite: The successful completion of Pre-Calculus.

COLLEGE STATISTICS:

1 year 1 Credit School Exam/College Final Exam

College statistics is an introduction to the basic ideas of statistics, probability and data analysis. This a college level course offered through HVCC and gives students the opportunity to earn 4 college credits upon successful completion.

Prerequisite: Must have successfully completed three years of high school Math.

COLLEGE ALGEBRA with TRIGONOMETRY

1/2 Year-1/2 Credit College Final Exam

The course includes a review of algebra and numerical trigonometry. Topics include, but are not limited to factoring, rational expressions, solving linear and quadratic equations, solving simultaneous linear equations, functions, lines, exponentials, logarithms, numerical trigonometry and solving triangles. This is a college level course offered through HVCC and gives students the opportunity to earn 3 college credits upon successful completion.

Prerequisites: Must have successfully completed three years of high school Math

AIS (Academic Intervention Services)

This service is to provide support for students needing additional instruction to succeed in Math. The program may be mandatory for students who are failing or in danger of failing.

MUSIC

BAND

1 Year

1 Credit

The instrumental music program as a whole should provide:

1. Identification of musically inclined students.
2. Opportunity for exploration of musical instrument choices.
3. Provision for development as a participant and a consumer.
4. Service to school and community.
5. Training and direction for those who aspire to music as a vocation.

The Instrumental music program is divided into the following sections:

➤ **CLASS LESSON**

- ❖ On the elementary level, homogeneous groups meet once a week for a thirty-minute period.
- ❖ On the secondary level, including junior and senior high, the heterogeneous or homogeneous groups meet for one class period each week.
- ❖ The group lesson will develop individual technique, identify individual problems, include a portion of music theory and provide an opportunity for solo experience.
- ❖ The class lesson will also provide the opportunity to explore a change in instruments, which sometimes becomes necessary.

➤ **SMALL ENSEMBLE**

- ❖ Development of independent playing, since there is usually only one person per part.
- ❖ Ensemble techniques which may be applied to the large ensemble.
- ❖ An opportunity for public performance.
- ❖ Provide challenge and interest for the talented student through exposure to the vast amounts of small ensemble music.

➤ **LARGE ENSEMBLE**

- ❖ The large ensemble, namely band, meets once a week on the elementary level, two to three times a week on the junior high level, and daily on the senior high level.
- ❖ Band techniques of performance and individual contribution to the group are two goals of this ensemble.

- ❖ The band is the focal point of class lessons and small ensemble training.
- ❖ In addition to performing the standard literature for band, the student will develop school and community pride as a member of a service group.
- ❖ There are also opportunities for students interested in pursuing a career in music to rehearse and conduct both the large and small ensemble.

Note: Verification by or permission from the band director involving the student's ability to play a band instrument. * Students in grades 7 and up are expected to have their own Instruments, except for very large instruments (tuba, baritone Sax, etc.)

HIGH SCHOOL SENIOR CHORUS

1 Year - 1 Credit

This course includes an eclectic mix of literature, both contemporary and historical, that may include jazz, swing, spirituals, concert repertoire, madrigals, etc. and performances of works in other languages.

Students may perform as a choir at N.Y.S.S.M.A. and will perform school concerts. Absences from these concerts and any other concerts approved by the administration that may arise during the school year will result in an alternate assignment or a grade of zero for that concert.

Evaluation:

The student may be tested periodically by performing music studied in class. Students will be evaluated on tone, intonation, technique, diction, and accuracy of notes and interpretation. Classroom performance (attitude and

effort) will count as 50% of a students' grade.

Prerequisite: A desire to sing and a willingness to work

For concerts the following is to be

- ◆ **Girls and Boys wear All Black**

MUSIC Theory

1 Year – 1 Credit

Students should have a serious desire to develop insights into the structural content of music. They should have a curiosity and love for music that distinguishes them from their peers. These are students who wish to attain a greater knowledge of music leading toward greater mastery of their instrument and a higher understanding of music as an art.

This course satisfies the students' need to gain an understanding of the basic rules and principles involved in using the language of music. Beginning with the fundamentals of music theory, the course then proceeds through an analytical overview of the history of music. Also included are solfege, rhythmic and melodic dictation and basic keyboard skills. This is included so that students musicianship would grow, their reading skills necessary in score analysis would improve and their listening skills would increase to benefit them in being active listeners in the performance media. This course is essential for any student seeking a college degree in music.

Intended Student Outcomes

Students will:

- ◆ Increase their ability to analyze music aurally and visually
- ◆ Increase their ability to compose music
- ◆ Increase their ability to perform on keyboard

- ◆ Increase their ability to improvise
- ◆ Gain an appreciation and respect for music and composers, both past and present

Evaluation:

The student will show evidence of learning through class discussion, tests, quizzes, homework and compositions.

Note II: Offered every other year

Prerequisite: Open to students with Sophomore, Junior, or Senior Grade Status

MUSIC IN OUR LIVES

1 Year - 1 Credit

Students should have an interest in the history of music and the social, philosophical and historical events that shaped it. This course is designed to furnish the general student with the knowledge and experience necessary in developing the art of listening intelligently and perceptively to various types and styles of music heard today and to increase one's enjoyment and appreciation of music in general.

Intended Student Outcomes

1. To heighten the aesthetic experience derived from the music one already knows and likes
2. To develop one's ability to appreciate additional styles of music in western art tradition such as chamber music, symphonic music and operatic music
3. To be exposed to and to have some knowledge of the American Musical and music of other cultures.

Evaluation:

The student will show evidence of learning through class discussion, tests, quizzes, homework, special assignments and listening logs.

Musical Theater Appreciation

1 Year – 1 Credit

Musical theater Appreciation will be an exciting, hands-on experience for our students. There will be a general overview of the history of musicals in America, as Musical Theater is a true American Art form. Studies will be focused on prolific composers such as Stephen Sondheim, Rodgers and Hammerstein, Adam Guettel and their contributions to the art form. Throughout this study, students will be learning acting skills, singing technique, audition technique, public speaking skills, improvisation, teamwork, and much more, culminating in a performance showcase.

Note: Offered every other year

PHYSICAL EDUCATION 9-12

1/2 Credit per year

The physical education program through the established and accepted learning standards of New York State should provide:

1. Personal Health and Fitness:

Students will have the necessary knowledge and skills to establish and maintain physical fitness, participate in physical activity and maintain personal health.

2. A Safe and Healthy Environment:

Students will acquire the knowledge and ability necessary to create and maintain a safe and healthy environment.

3. Resource Management:

Students will understand and be able to manage their personal and community resources.

The activities will include conditioning, fitness, and self-testing activities, individual and team sports. These activities will be conducted in a safe and healthy environment. Also, to promote the social aspects involved in the curriculum, the opportunity to participate in a coeducational atmosphere will be provided.

The activities will provide the opportunity to fully assess and evaluate the student.

Physical education will promote physical activity for a lifetime. In the process, the student will develop a respect for participation in a safe and healthy environment while increasing their quality of life.

Physical Fitness:

1 Year - ½ Credit

The course is designed to introduce students to the concepts and activities of fitness. Students will assess their own fitness, learn specific activities to develop or maintain fitness, and design a personal exercise program.

Note I: Physical Education is required for graduation. Students must successfully pass Physical Education each of their four years in high school. Success is based primarily on active participation. Students who fail Physical Education must take double P. E. classes every semester until they obtain the correct number of credits.

SCIENCE

Earth Science

1 Year – 1 Credit Regents Exam

The course covers major areas of study related to the earth. Included in these areas: astronomy; developing

models of the earth's size, shape, and motions; energy exchanges on the earth particularly related to weather and climate; geologic processes involved on and within the earth; interpretation of the earth's history and the development of landscapes. Course content is based on student investigation of the above topics. A minimum of 1200 minutes of acceptable lab work must be completed and submitted prior to being allowed to take the Regents Exam. The Regents Exam in Earth Science is the exit exam for the course.

***Regular attendance is highly recommended. Missed lab sessions must be made up after school.**

Prerequisite: Successful Completion of 8th grade

LIVING ENVIRONMENT

1 Year – 1 Credit Regents Exam

Course content of the Living Environment is founded on the concept that the living cell is the basic unit of structure and function of all living things. In order to understand the mechanisms that operate in the cell, and therefore an organism, the study of basic biochemistry is an early course topic. The topic of animal physiology emphasizes a comparison of organisms with a major study of human anatomy and physiology. Comparisons are then made between other animals and plants.

Other course topics include genetics, its relationship to reproduction and theories of evolution and ecology. Whenever possible course topics are related to existing problems of human society such as pollution and disease.

Students should expect to do reading assignments, written work and laboratory work. A minimum of 1200 minutes of acceptable lab work must be completed & submitted prior to being

allowed to take the Living Environment Regents. The Living Environment Regents is the exit exam for the course.

Prerequisite: None

CHEMISTRY

1 Year – 1 Credit Regents Exam

Chemistry is a highly theoretical and abstract field that deals with the composition and behavior of matter. The course requires a great deal of effort and a good working knowledge of mathematics. The topics in Regents Chemistry cover the theoretical principles of chemistry that would be most useful to students going on to a two or four year program of academic sciences. Personal characteristics necessary for high achievement in chemistry are: accuracy, attention to detail, intense concentration, problem solving ability, mathematical reasoning and the determination to think ideas through to their logical conclusion. The class and laboratory work deal mainly with the conceptual outcomes of the application of the scientific method. Students are encouraged to become inquisitive, analytical and critical.

Topics during the year are: matter and energy, atomic structure, kinetics and equilibrium, acid-base theory, oxidation – reduction, electro-chemistry, organic chemistry, chemical equations, bonding, periodic table, solubility and nuclear chemistry.

A minimum of 1200 minutes of acceptable lab work must be completed and submitted prior to being allowed to take the Regents Exam in Chemistry.

Prerequisites: Successful completion of Earth Science, Living Environment, Algebra and Geometry.

CHEMISTRY NR

1 Year – 1 Credit School Exam

Non-Regents Chemistry provides students with instruction that is directly related to chemistry of day-to-day living. The topics include similarities and dissimilarities of matter, the preparation and separation of substances, atomic structure, chemical equations, chemical bonds, energy, periodic table, oxidation-reduction, organic compounds, household chemistry, environmental pollution, modern materials and chemical analysis. A local exam is the exit exam for the course.

Prerequisites: Successful completion of Earth Science, Living Environment and Algebra.

PHYSICS

1 Year – 1 Credit Regents Exam

It has been said that mathematics is the tool of the scientist. Physics is a course that illustrates this statement. Through the use of mathematical equations (math skills in algebra and geometry are needed) the physical world, which we observe, is analyzed. The major topics to be studied include statics, kinetics, waves, electricity, and nuclear physics.

Students who take Physics are often preparing for college and for this reason student responsibility for class preparation is emphasized. Pupils are expected to prepare homework assignments and to follow carefully both written and oral instructions in the extensive laboratory work that accompanies this course. Students should expect to do reading assignments, written work and laboratory work. A minimum of 1200 minutes of acceptable lab work is required prior to being allowed to be allowed to sit for the Physics Regents. The Physics Regents is the exit exam for the course.

Prerequisites: Successful completion of Earth Science, Living Environment, Regents Chemistry and the Algebra Exam

Forensic Science

1/2 Credit

School Exam

This elective course for seniors focuses on various aspects of forensic science and modern criminal investigation analysis. Topics in Forensic Science will include: structures and function of the human body, and the skeletal structure. This knowledge will be applied to forensic investigation and the identification of remains. In addition, the course will cover selected topics in toxicology, drug and alcohol abuse, serology, and terrorist and disaster response and emergency medical procedures; ballistics, forensic DNA analysis, fingerprint and trace evidence interpretation, explosive incident and arson investigation.

Prerequisites: Successful completion of Earth Science, Living Environment and Chemistry.

Environmental Science NR

1/2 Credit

School Exam

This is a non-lab science course in which environmental issues are considered primarily from a scientific view point along with the sociological, economic and political perspectives.

Topics to be covered include: water resources and issues, climate and climate change, human population, mineral and energy resources, air quality, food and soils, waste management and technology and urban planning.

At the completion of this course, students will be better able to make decisions concerning their role in the

environment, and will be able to evaluate the concept of *stewardship*.

Prerequisites: Successful completion of Earth Science, Living Environment and Chemistry

SOCIAL STUDIES

GLOBAL HISTORY 9 & 10

This program is required of all students in New York State. The program provides students with the opportunity to study other nations and their cultures within a framework that is designed to develop a global perspective.

Upon completion of the 9th/10th grade sequence, the student should be able to demonstrate a knowledge of the major historical, geographic, societal, political and economic events that have shaped the global community; the causes and effects of cultural diversity; the political and economic interdependence of nations and cultures and the influence of technology and choice upon the global community.

In addition, the student should be able to demonstrate analytical skills to secure data from which to draw inferences, conclusions and generalizations about other cultures; to effectively use reading and writing skills to include graph, map and chart interpretation.

Regions are studied in relation to five major themes:

1. The physical/historical setting
2. The dynamics of change
3. Contemporary nations and cultures
4. Economic development
5. The region within the global context

Global History 9

1 Year - 1 Credit School Exam

Regions studied include: Africa, South Asia, Southeast Asia, East Asia (China & Japan), Middle East and Latin America.

Prerequisite: None

Global History 9 Honors

1 Year - 1 Credit School Exam

In Addition to the standard course of study prescribed for all Global History 9 students, honors students will be exposed to a more in-depth study of world history. Students will be exposed to a greater variety of historical materials and sources. Honors students will be required to write essays and papers that are more unified and coherent than required to a standard regents course. Students will be prepared for future advanced placement courses through a more demanding workload, posing more challenging objective and subjective questions, and more stringent writing requirements. Students must maintain an average of 88 or better to remain in the course. If a student's average falls below 88%, they may be dropped from the program and placed into a non-honors class.

Global History 10 Regents

1 Year – 1 Credit Regents Exam

This course covers world history from the Age of Absolutism up through modern times. Primary and secondary historical source materials will be presented to the students. Historical films, debates, and projects will also be used to present the historical content. The course will stress the skills needed to be successful on the New York State Global History and Geography Regents exam. Students will be required to write thematic and document based essay

questions.

Prerequisite:

Successful completion of Global History 9

Global History 10 Honors

1 Year – 1 Credit Regents Exam

In addition to the standard course Of study prescribed for all Global History 10 students, honors students will be exposed to a more in-depth study of world history. Students will be exposed to a greater variety of historical materials and sources. Honors students will be required to write essays and papers that are more unified and coherent than required to a standard regent's course. Students will be prepared for future advanced placement courses through a more demanding workload, posing more challenging objective and subjective questions, and more stringent writing requirements. Students must maintain an average of 88 or better to remain in the course. If a student's average falls below 88%, they may be dropped from the program and placed into a non-honors class. There may be a summer reading assignment due the first day of school. It will be part of the 1st quarter grade.

Prerequisite:

88% Average in Global History 9 and Teacher Recommendation

US HISTORY & GOVERNMENT

1 Year - 1 Credit Regents Exam

This course is a survey of United States History and geography from the colonial period to the present. Geographic component includes physical and cultural setting, demographics, and the influence of geography upon history. Historic component focuses on the Constitution, Civil War, Industrialization, and America

in the twentieth century. Themes include civic values, diversity, and presidential decision making.

Prerequisite: Successful completion of Global History 9 and 10

Interpretations of

American History I & II

1 Year – 1 Credit Regents Exam

3 College Credits per semester

This course includes two college courses that cover American History from the colonial period up through the present. The first course covers the colonial period through the Civil War and Reconstruction period. The second course covers westward settlement through the present. Successful completion of the courses will earn the students college credit through Hudson Valley Community College. The focus of the course is to allow students to understand the major themes, people, and events in American history, and to be able express their understanding in essays and papers. Required reading includes Alan Brinkley's *American History: A Survey* textbook, and *A People's History of the United States*, by Howard Zinn. Supplementary readings, primary sources, and historical films are also used. Students will be required to take the New York State Regents exam in American History and Geography. This course is very intensive, and students should expect a demanding workload. There will be a summer reading assignment due the first day of school. It will be part of the first quarter grade.

Prerequisite:

Teacher recommendation and completion of summer reading project, paper and test. Global Regents exam grades will also be taken into consideration.

PARTICIPATION IN GOVERNMENT

1/2 Year – 1/2 Credit School Exam

This course, mandated as a graduation requirement by the State Board of Regents, is designed to facilitate and encourage the development of civic-minded individuals capable of effectively fulfilling the office of citizen.

Students will be required to demonstrate a knowledge of:

- (1) the structure, function and operation of government at all levels;
- (2) how public policy is formed, implemented and evaluated at all levels of government;
- (3) how citizens can directly or indirectly interact with the public policy process.

Prerequisite: Successful completion of Global History 9 & 10, and U.S. History

ECONOMICS

1/2 Year - 1/2 Credit School Exam

This course, which is mandated by the state, is divided into Micro Economics and Macro Economics. Micro Economics studies the individual and individual firms in the economy. It studies supply and demand, markets and production.

Macro Economics looks at the GDP, the Federal Reserve and both monetary and fiscal policy.

Prerequisite: Successful completion of Global History 9 & 10, and U.S. History

GENERAL PSYCHOLOGY

1/2 Year - 1/2 Credit School Exam

Not intended as any type of advanced course, general psychology will introduce the students to the basic concepts, definitions and principles of psychology. It is a one-semester course

for juniors and seniors. Classes will include video lessons as well as in-class experiments and lecture/discussions. Among the topics covered are theories of learning, body and behavior, sensation and perception, altered states of consciousness, personality theories and abnormal behavior and therapies.

Prerequisite: Junior or Senior

Sociology

1/2 Year – 1/2 Credit

This course will be the study of social behavior and social order on a local, sectional and national scale. This course will explore meanings, real world examples of several sociological issues and challenges such as culture, deviance, inequality, social structure, race, class, gender, and political ideology, with the aim of providing students with a more worldly perspective. Additionally this course, using film, music, readings, and other sources, will provide a forum for discussion and methods of data collection and presentation so as to help students critically analyze their and others' lives in society at large.

Prerequisite: None

TECHNOLOGY

SYSTEMS COURSES

TRANSPORTATION & ENERGY SYSTEMS

1/2 Year – 1/2 Credit School Exam

This course should be taken as an introductory course before taking the elective courses of land and aerospace transportation. This course will coordinate practical applications in transportation and energy with the

theoretical concepts taught by the math and science departments.

The Transportation course, which covers the moving of people and goods from place to place by land, marine, and aerospace along with Energy Systems, that examines the internal combustion engine, have been combined into a continuum of theory and practical application.

Hands-on projects, lab activities, and classroom discussion will explore each of the modes of transportation. Activities will include the building of a CO₂ powered car, oil viscosity testing, various magnetic levitation vehicle designs, small engine maintenance, measurement, and diagnostic troubleshooting, along with energy projects such as the operation of a wind generator and solar panels and an analysis of wood energy in the home.

Prerequisite: Sophomore, Junior, or Senior Standing

FOUNDATION COURSES

ELECTRICITY/ELECTRONICS

1/2 year – 1/2 credit School Exam

A study of the comprehensive electrical technologies found in common use. Students will investigate the fundamentals of AC/DC current theory, integrated circuits and semiconductors. Students will also develop a knowledge of how electricity is made, how electricity is distributed to businesses and homes and how electricity is used. Each topic includes class discussions, demonstration, laboratory experimentation, and construction of take-home projects that will build skills in soldering, printed circuit board construction and integrated circuit use.

DESIGN AND DRAWING FOR PRODUCTION (Technical Drawing)

1 year – 1 credit School Exam

Design and Drawing for Production is a comprehensive foundation course that will introduce students to the basic elements and processes of drafting. Students planning an academic or vocational program will find this exploratory course plays a significant role in developing their potential in industry, engineering, art, and architecture. Drawings will include: sketches, geometric constructions, multi-view projections, sectional views, pattern developments, threads and fasteners, auxiliary views, revolution, and pictorial projections. Each student will complete and plot a CAD problem.

Note: Students may use this course for their art/music requirement.

ELECTIVES

RESIDENTIAL STRUCTURES

1/2 year – 1/2 credit School Exam

The course curriculum is divided into several units which reflect the major parts of building a home. Each student will spend approximately 2 weeks working in one unit and then rotate into another unit every 2 weeks. The units include framing, roofing, masonry, electrical, plumbing, and sheetrocking.

Prerequisite: Sophomore, Junior, or Senior Standing.

ARCHITECTURAL DRAWING

1 Year - 1 Credit School Exam

Architectural Drawing is designed to give students the opportunity to develop their creative skills in drafting. Problems are assigned to familiarize students with basic architectural drafting techniques and construction principles.

The activities will culminate with the student developing a “set” of drawings for a residential or commercial structure, and construction of a scale model based on the drawings.

Note: Offered every other year
Prerequisite: Design and Drawing for Production, or by recommendation of instructor.

COMPUTER AIDED DRAFTING (CAD)

1 Year - 1 Credit School Exam

Computer Aided Drafting and Design will give the student the opportunity to use computers, and software applications to produce technical drawings.

Students will use geometric modeling to create, edit and transform various parts and their entities. 2D and 3D construction techniques will be used. Windows 98 and word processing will be examined as they apply to the draftsman or architect.

Note: Offered every other year
Prerequisite: Design and Drawing for Production