

AMSTERDAM HIGH SCHOOL
2008-09 PROGRAM OF STUDIES

Amsterdam, New York

Principal, Gavin W. Murdoch
Assistant Principal, John P. Davey
Assistant Principal, Christine A. Pietro

Counselors:
Maura Dargush
Alice Decker
Mary DeTraglia
James Raymond

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PROGRAM OF STUDIES (2008-2009)

The enclosed information is presented to assist students (and parents/guardians in planning the student's program for the 2008-09 school year. Additionally, we encourage both students and parents/guardians to consult with counselors and teachers in their consideration of various subjects and kinds of programs. The procedure of course selection is as follows:

- 1. Counselors meet with students in classrooms to explain course selections. Students choose appropriate courses and submit to counselors at that time.**
- 2. Counselors meet with individual students as requested/required.**
- 3. Counselors send a copy of requested course selections to each student in May.**
- 4. Parent/student signature indicating approval of course selections returned to counselors by June 1.**

The responsibility for selection of courses lies with the student, the parent/guardian and the guidance counselor. If you have any questions, contact your son/daughter's guidance counselor as this schedule will be in effect for the 2007-08 school year unless a change is **indicated BEFORE July 1, 2008.**

SPECIAL NOTICE

Please be aware that in this year as in every year, budget considerations, state education mandates, and/or low enrollments may result in the elimination of course offerings during the scheduling process.

The District does not discriminate against any employee or student on the basis of sex, race, color, national origin, handicap or age. Furthermore, no person shall be subject to any unlawful discrimination in the admissions practice of any vocational education program or activity.

El Distrito no discrimina en contra de ningun empleado ni estudiante a base de raza, color, pias de origen, defecto fiscioni de edad. Ademas, el distrito no subjeta a ninguna persona a cualquiera discriminacion ilegal en sus practicas de admission a cursos o programas vocacionales.

ART DEPARTMENT

***Studio in Art**

A prerequisite to the following courses listed below

Drawing & Painting
Studio in "3D"
Advertising Design

***Appreciating Art**

Fashion Design
Advanced Studio in Art
Advanced Studio in 3D

* Studio in Art may be taken to fulfill the art requirement for graduation.

NOTE:

- 1) *Studio in Art is a required first course for any student considering 5-unit sequence in art.*
- 2) *Clothing & Textiles (#604), Housing & Environment (#605) and Design and Drawing (#647) can also be used to toward satisfying the 1-unit art/music graduation requirement*

700 Studio in Art

1 Year/1 Credit

This course is a **prerequisite** to the other art courses offered in the high school sequence. This program affords a student the opportunity to explore the concepts of various art techniques and of expression in various media. Through student art experiences, the student will be assisted in appreciating and understanding the works of other artists as well as the history of art. A final exam is given at the end of the year.

701 Studio in 3-D

1 Year/1 Credit

This is a hands-on course in which students get involved in the three dimensional production of art work. The course affords the students an opportunity to experience a variety of media such as clay, wood, wire, and plaster. Students will be involved in written and verbal critiques. A final exam is given at the end of the year.

702 Advertising Design

1/2 year(ED)-1st Semester / 1/2 Credit

This course introduces the student to the world of advertising. The student will learn how a product is "sold" to the public through the use of color, symbol, text, and innovative design. The elements and principles of design are strongly emphasized. Basic layout on the computer is also explored. A final exam will be given.

703 Fashion Design

1/2 year (ED)-2nd Semester / 1/2 Credit

This course introduces the student to the world of fashion design and is often coupled with Advertising Design (#702). A strong emphasis is placed on drawing and the elements of design in reference to the figure and clothing design. Fabric design is actively explored. A final exam will be given.

704 Drawing and Painting

1 Year/1 Credit

This course offers students an opportunity to experience a variety of art media, stressing continued practice and adherence to individual technique. The purpose is to promote a personal style in rendering and color application. Also, stressing the language of art, students will critique works of art. A final exam will be given.

705 Advanced Studio in Art

1 Year/1 Credit

This course is designed for the serious student who has previous course work in Art and/or is interested in continuing the study of art after high school. The student is encouraged to develop his/her own style while working within the framework of the class. Drawing and painting will be emphasized and projects will be used for the development of a portfolio. Students will also prepare for the Senior Show . A final exam will be given.

706 Appreciating Art**1 Year (EOD)/ 1/2 Credit**

This course is designed to permit students to enrich their education through the study of art without having to concern themselves with proficient technical skills. Student assignments will be equally balanced between academic and studio performance. Part of the course involves creating art. The student will be introduced to a variety of media for creative expression. The course also emphasizes studying art critically and historically and forming educated opinions about the works of art. A final exam will be given.

707 Advanced Studio in 3-D**1 Year/1 Credit**

The Advanced Studio in 3-D Art Class is developed for high school students who have completed such prerequisites as Studio in Art and Studio in 3-D. The Advanced 3-D class will give students an opportunity to work toward a concentration of three-dimensional art media while learning the elements of art and the principle of design. Students will utilize problem solving and critical thinking skills that will help them develop creative artwork in response to their environment.

A concentration of most three-dimensional media will have to be grouped together to help work in an additive or subtractive style from art history. One example of "grouping" media together is; Art Paste, Paper Mache and Plaster Rigid Wrap. This grouping is based on the ability that the Art Paste, Paper Mache, and Plaster Rigid Wrap are wrapping materials that make them strictly an additive style of concentration. However, clay (red or white) is just one concentration of media that can carry both additive and subtractive style at the same time and will not be grouped with any other media.

Developing the Advance 3-D projects will be based on the capabilities of the media or material. For example, grouping plaster and crea-stone media together as a concentration to create an additive style, the students will have to find an alternate material like burlap to hold and carry the plaster and crea-stone to a made form. The teacher will guide the students by giving them specific lessons and criteria based on the additive and subtractive style of art. The goal is to assign art projects in the class that will be of larger scale than in other courses so that the amount of projects due in one year will be limited to eight. The amount of projects due can be assessed during the year based on the sizes of the artwork and the drying time for materials. The students will try to meet a required (2) two projects each quarter, with the eighth project as their final master piece along with a final exam.

BUSINESS DEPARTMENT

BUSINESS EDUCATION SEQUENCE FLOW CHART **CAREER & FINANCE MANAGEMENT**

plus

KEYBOARDING/COMMUNICATION

plus one or more of the following

- | | |
|---|--------------------------------|
| -BA/BCA (required for 5-unit Business sequence) | -Accounting I |
| -Principles of Marketing I | -Advanced Accounting |
| -Business Ownership & Marketing | -Business Law |
| -Electronic Information Processing | -Personal Keyboarding |
| -Adv. Electronic Information Processing | (offered as a ½ year elective) |

500 Career & Finance Management

1 Year/1 Credit

This course is required for both the business/marketing and vocational core. The course will introduce students to the American business system and help them to prepare for future employment through the various topics covered. Emphasis is placed on the development of a business vocabulary - including the ability to understand and use daily business and economic terminology.

The course topics include a) Business Systems and Economics, including its characteristics, operations, structure and evolving role within society. It provides the student with the opportunity to learn about the features of our economy, explore a variety of careers, learn the skills and competencies needed for success in the workplace and to begin to become financially literate; b) Career Planning, with emphasis on the relationship between career planning and lifelong goals; c) The Career Selection Process, emphasizing the skills to be effective in searching for and selecting an appropriate career. Included are the resume, job application, job interview. d) Financial Literacy, emphasizes economic decisions related to financial management, including banking, budget, taxes, credit, insurance, etc.

Note: This course can be taken anytime in grades 9-12. A final exam will be given.

502 Keyboarding Business Communications

1 Year/1 Credit

This course is designed for students in grades 9-12 who already have some keyboard experience. It is taught on Dell computers using Windows and Microsoft Word 2007 and briefly covers the alphabetic and numeric keyboards. Documents students learn to type include memos, both personal business and business letters, outlines, reports/term papers, etc. Emphasis is placed on building speed and accuracy. Emphasis is also placed on learning and applying word processing skills to both create and edit documents. Non-verbal communication/writing skills covered include a review and application of correct word usage, punctuation, capitalization, etc.

This is a required course for business/marketing majors

CAPACITY: 20

503 Introduction to Keyboarding (9-12)**1 Year/ 1 Credit**

This course is designed for students in grades 9-12 who have had very limited or no experience at all on the keyboard. It is taught on Dell computers using Windows and Microsoft Word 2007. Emphasis is placed on learning the keyboard to key the different letters of the alphabet, punctuation, and numbers and on developing speed and accuracy. Documents students learn to key include personal business letters and classroom-type reports. Basic word processing skills taught include inserting and deleting, cutting and pasting, copy and pasting, spelling and grammar check, etc. **This course cannot be used by business sequence students.**

CAPACITY:20**506 Business Analysis/Business Computer Applications****1 Year/1 Credit**

This is a **required** course in the business/marketing core and, ideally, **aimed at the 10th grade level**. Course content emphasizes business transactions, basic business functions, and the system approach to business operation. Topics covered include (**but not limited to**) types of business ownership (proprietorship, partnership, corporation); budgets; organization and handling of business financial data; employer-employee relationship; communications; and marketing management activities.

Hand-on instruction of specific computer applications (word processing, database, spreadsheet and graphics software programs) are taught using Dell computers with Microsoft Office 2007 programs. A teacher-constructed assessment will be administered at the end of the year.

Prerequisite: Keyboarding/Communication. **CAPACITY: 20**

508 Electronic Information Processing**1 Year/1 Credit**

This course is designed for juniors completing any of the specialized office occupations sequences and may also be used as an elective in either the Junior or Senior year for non-business majors. EIP can be used to provide one unit of study in a 3-unit Business/Marketing sequence or one unit in a selected 5-unit Business/Marketing sequence.

EIP concentrates on the changes brought about by technological advances while teaching those fundamentals that still apply, such as language arts skills, document preparation, filing in an automated or non-automated system, and employer-employee relations. Computers with Microsoft Office Professional software that includes database, word processing, spreadsheet, and graphics preparation will be used.

EIP will provide students with the opportunity to acquire concepts and skills essential for working in the electronic office, regardless of their ultimate career objectives. The curriculum is designed to give students hands-on experience in an open environment where they perform both text and data processing operations. In addition, students will learn about records control with filing done on the computer, and be introduced to careers in electronic information processing. Students also receive training in electronic calculators including the numeric keyboard calculator on the computer and transcribing equipment. Exposure to a digital camera and scanner are also included. A teacher prepared final exam will be given. Due to special grant considerations the last several years, a Career in Law Enforcement exploration unit has been offered in conjunction with the New York State Police. Activities include guest speakers from a variety of areas such as crime scene investigators, the FBI, the U.S. Border Patrol, Montgomery County DA, Amsterdam Police Chief, and the Montgomery County K-9 officer. Field trips have been arranged to a variety of sites that include a maximum-security prison, county jail, and a shock incarceration center where those involved participate in a "tough love" situation.

Prerequisite: Keyboarding/Business Communications. **CAPACITY: 20**

509 Advanced Electronic Information Processing (Model Office)

1 Year/ 1 Credit

This course is designed for seniors completing any of the specialized office occupations sequences and may be used as an elective for non-business majors. AEIP can be used to provide one unit of study in a 3-unit Business/Marketing sequence or one unit in a selected 5-unit Business/Marketing sequence. (Some students take EIP and AEIP concurrently in their senior year, due to special scheduling situations.)

AEIP enables students to receive continuing education in academic and skill areas such as office procedures, computer technology (word processing, data base, graphics, and spreadsheets) done on computer. Students also attain extensive education in machine technology, communication and distribution systems including telephone communication, telecommunications systems with electronic mail applications, mail and delivery systems including postage meter operation, management support systems, records control, an introduction to desk-top publishing, and integrated information processing. Exposure to the Internet and World Wide Web, digital camera, and scanner as well as student prepared Power Point presentation are also included.

AEIP is operated as a model office. There is an open environment complete with 20 work stations for students including a reception area for visitors.

Each student prepares an extensive work portfolio. Students also participate in a realistic office simulation during which they apply for jobs, may be interviewed by a professional person from outside the school, and complete a job orientation. A teacher prepared final exam will be given.

Prerequisite: Keyboarding/Communications and Electronic Information Processing.

CAPACITY: 20

510 Accounting I

1 Year/1 Credit

This one-year course in Accounting is designed to provide students with a basic understanding of double entry accounting. The course covers the entire accounting cycle for both a service and merchandising business. The course emphasizes the proprietorship form of business organization and steps in the accounting cycle through the trial balance. Students should, therefore, be well qualified to accept any position that might involve journalizing and posting in special journals and ledgers with the assumption that many businesses bring in accountants to assist with financial statements and the adjusting and closing entries.

The course is composed of modules to ensure the student's understanding of the continual changes in the modern business world. The modules include (1) an accounting cycle for a service business, (2) banking and petty cash, (3) an accounting cycle using specialized journals for a merchandising business, (4) accounts receivable and accounts payable systems, (5) payroll and (6) hands on computerized accounting.

This course is designed to develop occupational competencies in accounting. Course content encompasses the complete accounting cycle and provides opportunities for incorporation of computer utilization into the instruction. A teacher prepared final exam will be given.

CAPACITY: 20

511 Advanced Accounting

1 Year/1 Credit

This course is designed for students who have **successfully completed** the Accounting I curriculum. A departmentalized approach to corporate accounting include (**but are not limited to**) purchases and sales, payroll, and financial reporting. Different methods of calculating depreciation, processing of uncollectible accounts receivables, inventory control, budgetary planning, and corporate and cost accounting are among the additional topics covered.

During the course, the students will have opportunities to use computers with Windows and Microsoft Office programs. A teacher-constructed assessment will be administered at the end of the year. **Prerequisite:** Accounting I **CAPACITY: 20**

512 Principles of Marketing I

1 Year/1 Credit

This course covers topics such as: the world of marketing, consumer markets, the industrial market, the product, packaging and labeling products, marketing research, pricing products and services, marketing businesses, the channels of distribution, physical distribution of goods, promotion and selling, human relations, marketing careers, marketing management and communications. A final exam will be given.

513 Business Ownership and Marketing

1 Year/1 Credit

This course is designed to provide students with a background in managing a small business. Content of this course will include selected entrepreneurial skills, as well as management and marketing functions related to the operation of a business. Activities on the computer are included. In addition, students will be participating in developing and maintaining a web-site that will feature the latest information about student achievements, interscholastic sports, and school events. A final exam will be given.

514 Business Law

1 Year/1 Credit

This course helps to establish an understanding of laws that relate to daily life experiences. Specific business law topics include (**but are not limited to**) contracts, insurance, business ownership, credit, real and personal property, and employer/employee relationships pursuits. Emphasis is placed on common business law vocabulary and business legal principles. A teacher-constructed assessment will be administered at the end of the year. Prerequisite: NONE

ENGLISH DEPARTMENT

030 English 9 Regents

1 Year/1 Credit

The course closely models English 9 CP, using literary works of less complexity. Emphasis is placed on reading several types of genres and specific instruction is given on various kinds of writing styles. Spelling, vocabulary, and conventions of standard written English skills are developed. Analysis of literary structure is introduced and practiced as are listening and speaking skills. Library research skills are developed in accordance with MLA procedure. An end-of-the-year departmental examination is required. This course helps prepare students for the English Language Arts Regents Examination.

031 English 9 - College Preparatory

1 Year/1 Credit

This course includes a survey of major literary genres (novel, short story, drama, poetry) emphasizing literary elements and techniques and specified instruction in various kinds of writing (descriptive, expository, persuasive, narrative, and the literary essay.) Instruction is given in spelling, vocabulary, and the conventions of standard written English. Library research skills are developed in accordance with MLA procedure and listening and speaking are an integral part of the course. An end-of-the-year departmental examination is required a **75** average is **required** to **continue in English 10 CP**. A 75% final average in English 8 or teacher recommendation is also a pre-requisite for this course. Students who fail 8th grade English are not recommended for English 9CP even if they should subsequently pass in summer school.

032 English 9 - Honors

1 Year/1 Credit

This is an enriched English course designed for college bound students who have a high interest in English language and literature. Reading, writing, listening and speaking are integrated with an emphasis on the genre approach to literature. Full length works by Dickens, Shakespeare, Steinbeck and Homer make up some of the required readings. Instruction is also given in vocabulary, the conventions of standard written English and library research skills in accordance with the MLA style. Students are expected to research and complete projects and/or papers related to literature study and class instruction. An end-of-the-year examination is required. **Over the summer students will be required to read two books from a provided reading list.**
Prerequisite: Final average of **87%** in English 8, upper level 8th grade assessment, and teacher recommendation.

040 English 10 Regents

1 Year/1 Credit

This course begins with a review of the basic skills taught in English 9 and continues to prepare students for the English Language Arts Regents Exam, in grade 11. It expands the students' experiences in the different areas of the language arts with a focus on literary elements and techniques. Through a variety of writing experiences, students will improve composition skills, including punctuation, sentence structure, paragraph development and library research skills in accordance with MLA style. Speaking and listening skills are developed through oral reading, play reading and discussion. Reading skills are developed through a variety of fictional, non-fictional and dramatic works. An end-of-the-year departmental examination is required.

041 English 10 - College Preparatory

1 Year/1 Credit

This is a survey of World Literature including the Classical Greek and the Elizabethan periods emphasizing literary elements and techniques. In addition, the English and American novels will be studied. Emphasis throughout the course is placed on vocabulary development as well as the improvement of writing style by blending the study of literature with the teaching of writing and library research in accordance with MLA style. Speaking and listening are also an integral part of this course. An end-of-the-year departmental examination is required. This course continues to prepare students for the ELA Regents in grade 11. Pre-requisite: 75% in English 9CP

042 English 10-Honors

1 Year/1 Credit

This is an enriched English course designed for those students who have a high interest in English language and literature. The course emphasizes skills necessary for success in college: vocabulary development, note taking, clear analytical speaking, thinking and writing. Literature study includes some of the works of Sophocles and Shakespeare as well as contemporary British and American authors. Emphasis is placed on literary elements and techniques. Students are required to complete projects and research related to literature study. We also begin to work with literature criticism in a research format. An end of the year examination is administered. Students will be required to read two books over the summer preceding their entrance to 10th grade.

Prerequisite: Minimum of 87% final grade in English 9H.

050 English 11 Regents

1 Year/1 Credit

This course helps students sharpen their reading, writing and speaking skills. Readings from American literature (novels, short stories, dramas, essays and poems) assist students in developing and refining reading skills. A process approach to writing emphasizes literary elements and techniques as well as skills previously developed in various kinds of writing (description, explanation, persuasion, literary essay and a research paper which follows MLA guidelines). Speaking and listening skills are also an integral part of this course. **Students enrolled in this course must pass the Comprehensive English Language Arts Regents Examination to fulfill state graduation requirements. Students must also take an end of year departmental exam, complete an approved portfolio assessment to receive course credit.**

051 English 11 College Preparatory

1 Year/1 Credit

This course offers students an in-depth approach to reading, writing and speaking as well as skill development for the SAT's. Close readings of American literature (novels, short stories, dramas, essays, non-fiction, poems) assist students in becoming critical readers and aid them in comprehension.

A process approach to writing emphasizes literary elements and techniques as well as emphasizing refinement of skills previously developed in various kinds of writing (description, explanation, persuasion, literary essay and a research paper which follows MLA guidelines). Speaking and listening skills are also an integral part of this course. Pre-requisite: 75% in English 10 CP

Students enrolled in this course must pass the Comprehensive English Language Arts Regents Examination to fulfill state graduation requirements. Students must also take a departmental end of year exam.

053 English 11 - Honors

1 Year/1 Credit

The English 11 Honors is designed to enhance student perception and appreciation of American Literature through ample discussion and written reaction as to its aesthetic, historical and psychological significance. Focus will be placed upon developing a more sophisticated style of writing, approach to critical analysis, as well as synthesis of ideas presented, self-generated thesis development and specific and intellectual support of said thesis. This will be done through an intense look at varying genres of American Literature from its origins to present day and their role in literary development in regard to the movements that emerged from them and their continued impact on the social and literary world. Summer reading and a literary response journal is required. **Students enrolled in this course must pass the Comprehensive English Regents Examination to fulfill state graduation requirements.**

Students must also take complete an approved portfolio assessment (an end of year departmental exam). Prerequisite: Minimum of 87% final grade in English 10 Honors.

060 English 12 Regents**1 Year/1 Credit**

This course is designed for students who are planning to attend a two-year or four year college. The focus of this course is on reading and reacting to diverse forms of literature. Methods used are: critical analysis, expository writing, character analysis, literary analysis. A substantial research project is required, for which students are to follow the guidelines set forth in the MLA Handbook. In this way research procedures and skills are honed for future use. The course culminates in a mandatory comprehensive departmental examination.

061 English 12 College-Preparatory**1 Year/1 Credit**

This course is designed for students who plan to attend a two or four-year University after high school. It includes a survey of British literature, involving works by various major authors writing across the genres. The thrust of this course is to ready students for the college atmosphere by nurturing their independence while still providing the guidance necessary to foster higher level thinking. Through close examination of these works, students will develop their analytical thinking and reading skills. The ability to perform critical analysis in all its forms will be a significant determinant of a student's success in their college career, no matter what their field of study; therefore, all skills relevant to critical analysis are stresses and practiced at every opportunity. The course culminates in a research paper which conforms to the MLA Handbook for writers of research papers.

An end-of-the-year comprehensive departmental examination is required.

062 AP English 12**1 Year/1 Credit**

An Advanced Placement English Program is a program of college-level courses and exams for secondary school students. The objective of AP English is to develop critical and creative thinking through the close reading of content and the development of incisive writing. Criteria is based on superior performance in past English classes and teacher recommendation. A required summer reading program in preparation for entering the AP course will include pieces of literature from a list provided to each student at the end of his/her junior year.

Students are strongly encouraged to take the Advanced Placement exam in May to qualify to receive college credit for the course. **Prerequisite:** Minimum of 87% final grade in English 11H and mastery 85% on the Regents. An end-of-the year comprehensive departmental examination and/or completion of an approved portfolio assessment is required for course credit.

033 AIS ELA (11/12)**1 Year (EOD)/0 CREDIT**

Placement in this class is for Juniors and Seniors who failed or will be taking the ELA for the first time. It will meet every other day. Seniors enrolled in this class will take the exam in January and, if they pass the ELA at this point, they will be dropped from its enrollment. If they should fail in January, they will continue on till June when they will take the exam again. Juniors enrolled in the class will take the exam in June. While there is no credit for this course, **the quarterly grade is submitted to each student's respective English teacher and will be counted as the equivalent of a unit test in that student's quarterly English average.**

Students' strengths and weaknesses will be assessed. The course will focus upon skills needed for passing the Regents exam. This level of ELA will be more test specific than lower levels. This includes: Listening, reading and writing for information, understanding test/writing prompts, note taking in response to speech or lectures, learning strategies for answering multiple choice questions, recognition and defining of purpose and audience, paragraph development and organizational patterns for essay writing, use of transitions and paraphrase, distinguishing fact from fiction, analyzing infographs, reading and writing for literary response and critical analysis, recognition and understanding of genres, and the role literary elements and techniques play in literary development, interpretation of critical lens and application to literary insight.

034 AIS/ELA (9/10)**1 Year (EOD)/0 CREDIT**

Placement in this course is for ninth and tenth graders who have been determined to be lacking in basic skills needed to pass the ELA (in large part, determined by 8th grade ELA score). This course will meet every other day throughout the year. While there is no credit for this course, **the quarterly grade is submitted to each student's respective English teacher and will be counted as the equivalent of a unit test in that student's quarterly English average. Students' strengths and weaknesses will be assessed.**

065 PUBLIC COMMUNICATIONS 10-12**1 Year (EOD)/ 1/2 Credit**

Vocal skills, persuasive techniques, body language and humor used in speaking before small and large audiences are developed and strengthened with ten prepared speeches graduated in complexity. All students' work is videotaped and critiqued with an eye towards growing skills for speaking and simulated broadcasting. Competitive debating and advocacy skills are honed. The world of the "Shock Jocks" is explored at three network station affiliates. The use of comedy in persuasion is studied and we peer inside the world of media manipulation, advertising and corporate public relations influence of news media. A full plate? Yep, plus a final exam before the camera is required.

066 Writers' Workshop 10-12**1Year (EOD)/ 1/2 Credit**

Designed primarily for upperclassmen, students will explore the creative limits of language as a medium for transferring meaning. With a conscious emphasis on the genres of fiction (new journalism), poetry and memoir, fledgling writers will learn and practice the creation of interesting fictional characters, dialogue techniques and structuring plot out of individual experience. Process writing through stages of editing is the basic format for all genres with an eye toward developing a disciplined, individual style of written expression. Final paper required.

067 Drama 9-12**1 Year/1 Credit**

Students enrolled will be given an overview of the history of Western theater while also learning the fundamentals of play production. Acting styles of the different theatrical periods will be explored. Basic instruction also includes costume, scenic, and prop design. Various methods, including individual and group projects, and improvisation, will be used throughout the year. An entirely student-produced scene/one-act culminates the year's activities. Emphasis in this course is placed both on acting and on technical aspects of theater. Scene and project preparation may at times be extensive. **In addition, students will be required to be active in the drama productions at the high school.** This is a commencement level course. An end-of-year examination and/or approved portfolio/project is required for course credit.

068 Lessons for Humanity 10-12**1 Year (EOD)/ 1/2 Credit**

This program will counter the lessons of hate with lessons to promote understanding and caring, through the interdisciplinary examination of history and modern day issues of white supremacy, hate crimes, racism and anti-Semitism, prejudice, stereotyping and everyday discrimination. Our goal is to make students more cognizant of the inherent danger in prejudice. Our purpose is to seek ways to join together to not only confront bigotry but to learn to stand up for the democratic rights of all. In addition, this class emphasizes skills outlined in the ELA Standards and the ELA Regents Exam. This is a commencement level course. **Prerequisite:** Students must have successfully completed Global Studies 9 and read The Diary of Anne Frank and Night. An end-of-year examination must be completed to receive course credit.

075 SHAKESPEARE 10-12**1 Year (EOD)/ 1/2 Credit**

This course would focus on Shakespearean plays not incorporated into the curriculum of other English courses. The works to be included could contain Richard III, The Tempest, A Midsummer Night's Dream, The Merchant of Venice, and 1 King Henry IV. Study would focus on the psychological aspects of Shakespeare's work and the impact of the author's work upon literature and other art forms and upon the English language. The plays would be viewed through both contemporary relevance and their place within the canon of classical literature. This course would be taught in a college format with lectures, discussions and student presentations. Grading would be based on a midterm and final examinations, a paper, a project, and presentations. This course could be valuable preparing students for college academics.

076 Language and Gender: The Feminine Influence 10-12**1 Year (EOD)/ 1/2 Credit**

This half-year reading and writing intensive course will explore the evolution of the role of women, particularly in America. Students will investigate topics within the framework of contemporary society's perception of women. Examples include but are not limited to: the struggle for independence, physical appearance "having it all", women in the workforce, the role of the female spouse, and motherhood. Within the context of a wide variety of literature, pupils will have the opportunity to consider their individual responsibilities in today's community of women. Upon completion of the course, students will have read three full length novels and written three literary analyses, two samples of creative writing, a speech, and a research paper.

Student Objectives:

- *To understand the importance of the feminine struggle for equality*
- *To explore literature that influences the definition of women*
- *To examine the impact key female historical figures have had on the feminine plight*
- *To read, write, listen, and speak analytically and creatively in order to personally connect with course curriculum*

063 The Unity of Literature & Film 10-12**1 Year (EOD)/1/2 Credit**

This course will delve into how classic and contemporary literature has continually influenced popular film and television for many decades. Particular attention will be paid to examining how "good" movies very much follow the same structure and elements of the literature that they are recreating and/or influenced by. Students will not only read and discuss classic and contemporary novels, short stories and essays, but will critique films as literature by exploring a film's characterization, symbolism, theme(s) and overall deeper meanings and/or commentary on society and humanity. A variety of directors and genres of films will be analyzed. An emphasis will be placed on the idea that knowledge and insight can be acquired through the exploration and enjoyment of the literature and films that encompass our pop culture.

064 Analysis of Science Fiction, Fantasy and Horror 10-12**1 Year (EOD)/1/2 Credit**

This reading intensive course will explore topics within the frameworks of classic and contemporary literature that span the genres of science fiction, fantasy and horror. Through novels, short stories, poetry, classic fairy tales, critical essays and film, students will explore the creative imagination and unknown. Students will not only read and critique classic and contemporary literature from these genres, but will have the opportunity to write creative fiction as well. Though science fiction, fantasy and horror often deal with imaginative themes, these genres of writing often express deeper meanings and/or commentary on society and humanity via metaphor, symbolism and/or dystopian ideas. The course will highly focus on stimulating students' creative sides.

077 English/Social Studies Elective #1 10-12 Children's Literature**1 Year (EOD)/ 1/2 Credit**

This class examines various genres of children's literature from several perspectives, providing both English and Social Studies credit. The works will be studied from a historical perspective, in view of the sociological and economic conditions of the times, the individual and collective psychological conditions at work and as texts in and of themselves. Students will expand their knowledge of historical periods covered, and examine the interplay between a given period and the literature to which it gave rise.

078 English/Social Studies Elective #2 10-12 American History through Film & Fiction

1 Year (EOD)/ 1/2 Credit

This class will utilize the media film and fiction to convey concepts central to a thorough understanding of American History. Films and texts compliment each other to reinforce key ideas, increasing the students' exposure to the material, while accommodating students of different learning styles and providing variety. English and Social Studies credit will be awarded for the class, as skills to both disciplines will be developed.

079 English Elective 10-12 Literature of the Abnormal Mind

1 Year (EOD)/ 1/2 Credit

Students will study literature which has as its focus characters and events which revolve around the workings of the abnormal psyche. As so many of these works will involve tragic or criminal situations, tragedy as a genre, as well as the criminal mind, are often involved in this course of study. World literature will provide a broad perspective on this issue the world over and throughout the ages.

086-089 AIS READING (Intervention Program)

1 Year (EOD) No/Credit

These courses are designed to assist students in further developing their basic skills in reading. This is achieved with materials that review and teach these basic skills. Primary source materials are read at the students' reading level. Skills are reviewed in the context of these materials. Those students achieving a score of 1 or 2 (lower half) on the 8th grade ELA assessment may be required to take this course

ENGLISH AS A SECOND LANGUAGE

*(N.Y. State mandated course for all students eligible per HLQ (Home Language Questionnaire, LAB-R (Language Assessment Battery-Revised) or NYSESLAT (New York State English As A Second Language Test).
* Although non-credit bearing (except for 2 periods of beginning ESL, the quarterly grade obtained for all other levels of ESL will be applied as a unit test grade toward a student's English and Social Studies grade.*

0801 & 0802 Beginning ESL

**2 periods/ 1 credit/replaces English course
and credit**

This course is designed to introduce the non-native speaker of English to the grammar, usage, vocabulary, and sentence structure of the English Language. Instruction emphasizes English speaking and listening/comprehension skills. Reading and guided writing are also introduced with an emphasis on developing simple paragraphs.

085 ESL Regents English and Content Support I*

**1 period/0 Credit/in addition to
Beginning ESL course**

1) This course is designed to support the student's content area classes by reinforcing academic language needs. At the same time, it will promote cognitive and linguistic growth using ESL.

2) Methodologies: Instruction will help establish a foundation of knowledge in English and content area consistent with the Regents Standards. Focus will be on the teaching of Regents English and content area vocabulary relative to the current curriculum.

081 Intermediate ESL*

**1 period/0 credit/ in addition to
English course**

This course is designed to continue instruction in oral communication for the non-native speaker of English. Instruction is also included in grammar, usage, vocabulary, and sentence structure of the English language. However, the emphasis is shifting to developing English reading and writing skills. Guided writing is used to help students prepare business letters, compositions and reports.

084 ESL Regents English and Content Support II*

**1 period/0 credit/ in addition to
Intermediate ESL course**

This course is designed to continue support for LEP students in specific English and content areas. It will complement, expand, and extend the content lessons through the integration of content area specific language and the development of Regents English language skills. An emphasis on interpretation and comprehension of reading and writing skills will be stressed.

082 Advanced ESL-Level 1*

**1 period/0 Credit/in addition to
ELA Course**

This course is designed for the non-native speaker of English to continue instruction in the English Language in all areas of understanding, speaking, reading, and writing. The emphasis is on improving reading and writing skills but curriculum is congruent with the district's English language arts program.

083 Transitional ESL*

**1 period/0 Credit/in addition to
ELA Course**

This course is designed for the non-native speaker of English to develop English language skills as reflected by the district's English Language arts program. Students are introduced to the more complex sentence structures, verb patterns, vocabulary and composition forms of the English language. Reading and writing of the English language continue to be emphasized.

HEALTH DEPARTMENT

910 Health

1 Year (EOD) or ½ Year (ED)/1/2 Credit

This course focuses on personal health, including the choices individuals make and the responsibility they assume. Emphasis is placed on the student's role in their own health promotion and disease prevention by increasing their awareness of health trends, health information, and their own state of health. The way students interpret and apply the knowledge is the focus. This course addresses: parenting skills, mental health, stress, fitness, nutrition, substance abuse, family life education, and lifestyle related diseases and social problems including violence awareness and prevention. Students will be required to complete projects and research that reflects the expectations of the new standards. Health is mandated by the State of New York, and students must successfully complete a half year of health to graduate. This course is available for 10th, 11th and 12th grade students. An end-of year exam and/or portfolio assessment/project is required for course credit.

LANGUAGE DEPARTMENT

411 Spanish I

1 Year/1 Credit

This course provides an introduction to the study of Spanish. The four language skills of listening, speaking, reading and writing are developed. Special emphasis is placed on communication (listening and speaking.) Students will invite, inform, inquire, exclaim, agree, disagree, compliment, express emotions, opinions, etc. In addition, they will increase their knowledge and appreciation of Spain and other Hispanic countries to develop cross-cultural skills and understandings. Some topics to be covered include sports, leisure activities, food, travel, shopping, family and school relationships. This course should be considered to strengthen the language foundation for those students who have not achieved at least a 70% average in Spanish 8 and wish to pursue a 3 unit sequence in Spanish. It is required for those students who did not pass the Spanish proficiency exam in 8th grade. An end-of-year exam and/or the completion of an approved portfolio assessment is required for course credit.

412 Spanish II

1 Year/1 Credit

In Spanish II students continue to develop skills that were acquired in Spanish 1. Students are encouraged to increase their proficiency in listening, speaking, reading and writing Spanish. Students should be capable of socializing, giving and receiving information, expressing their views, and getting others to adopt a course of action in the target language. In addition, they continue to work on developing cross-cultural skills and understandings. Some topics to be covered will include shopping, clothing, travel, food, health and camping. **Prerequisite:** Students must have passed the grade 8 language proficiency to be scheduled for Spanish 2. Students successfully completing Spanish I, with a final grade average of 70% or higher should also experience success in Spanish II. An end-of-year exam and/or the completion of an approved portfolio assessment is required for course credit.

413 Spanish III

1 Year/1 Credit

Students are at an intermediate level in the language and are expected to deal with the four skills of listening, speaking, reading and writing with greater proficiency. From a structural standpoint, the students learn new verbs and tenses and more complex grammar. The vocabulary level of the students is also greatly increased. Students learn how to write simple letters and notes for the purposes of socializing, providing and acquiring information, expressing personal feelings, opinions etc. They continue to develop their cross-cultural skills and understandings.

Some of the topics that may be covered include shopping, holidays, technology, careers and traveling. Students enrolled in this course must pass the Comprehensive Regents Exam in Spanish to receive Regent credit. **Prerequisite:** Students successfully completing of Spanish II, with a final grade average of 70% or higher, should also experience success in Spanish III. A Regents exam and/or the completion of an approved portfolio assessment will be required for course credit.

414 Spanish IV

1 Year/1 Credit

Students in Spanish IV are expected to function at a more advanced level in the areas of listening, speaking, reading and writing. The students review many structural items from the previous three years of study and use this information as a starting point for learning new tenses and more complex structures.

A greater emphasis is placed on oral and written communication. Students are expected to read and comprehend short stories, newspapers and magazine articles and discuss them. Some topics of study include personalities, food, health, sports and famous Hispanic personalities.

Prerequisite: Successful completion of Spanish III including passing the Comprehensive Regents Exam. An end-of-year exam and/or the completion of an approved portfolio assessment is required for course credit.

This course is offered for University in the high school credit through SUNY at Albany.

The cost is \$120 (\$60 if student has reduced lunch)-Course level at SUNY Albany (#103) 3Cr

415 Spanish V**1 Year/1 Credit**

Spanish V continues the study of Spanish at a level equivalent to that of a college course. Students will continue to refine and apply the speaking, listening, reading and writing skills they have learned through Spanish I-IV at an increasingly sophisticated level. A major component of the course is the study of Hispanic literature and poetry, and critical analysis of major literary works. Another element of the course is the study of social issues and current events in the Hispanic world, which students will also be expected to analyze verbally and in writing. Students are strongly encouraged to take the Advanced Placement exam in May to qualify to receive college credit for the course.

Prerequisite: Completion of Spanish IV with a minimum grade of 85% or above. An end-of-the year exam and/or the completion of an approved portfolio assessment is required for course credit.

**This course is offered for University in the high school credit through SUNY at Albany.
The cost is \$120 (\$60 if student has reduced lunch)-Course level at SUNY Albany is 104**

423 Latin II**1 Year/1 Credit**

This course continues the study of the Latin language and the Roman culture. Cultural topics covered include Roman banquet and dress, and an overview of Roman history with a special emphasis on the Punic Wars. New grammatical constructions introduced include the fourth and fifth declensions of nouns and the tenses and uses of infinitives and the subjunctive mood.

Prerequisite: Students must have passed the grade 8 language proficiency to be scheduled for Latin II. Students successfully completing Latin 1, 70% on language proficiency or final exam and/or the permission of the instructor should prepare students for success in this course. An end-of-year exam and/or completion of an approved portfolio assessment is required.

424 Latin III**1 Year/1 Credit**

This course continues the study of the Latin language while concentrating on reading for comprehension. The works of Caesar and Cicero are translated this year and the cultural topics covered include the Roman army and the republican government during the life of Caesar. Students enrolled in this course must pass the Comprehensive Regents Exam in Latin to receive Regents credit. An extensive grammatical and cultural review is included as preparation for this exam.

Prerequisite: Successful completion of Latin II, 70% on the departmental final exam and/or permission of the instructor should prepare students for success in this course. An end-of year exam/and/or completion of an approved portfolio assessment is required.

425 Latin IV**1 Year/1 Credit**

This course continues the study of the Latin language while concentrating on Roman poetry with special emphasis on selections from Virgil's Aeneid and Ovid's Metamorphosis. Creative writing units are also included.

Prerequisite: Successful completion of Latin III includes passing the Comprehensive Regents exam in Latin and/or permission of the instructor. An end-of-year exam and/or completion of an approved portfolio assessment is required.

MATHEMATICS DEPARTMENT

350 Algebra 1

1 Year/1 Credit

The main focus is elementary Algebra. It is recommended for those students whose academic record reflects difficulty in mathematics. It is designed for students who score at the lower half of level 2 on the Grade 8 Math Assessment and/or have a 65-74% average, in Math 8. Students who sign up for this course are required to take Algebra 2. Students will be expected to take the Algebra Regents Exam at the conclusion of Algebra 2. All Algebra courses will include the use of graphing calculators. An end of year departmental exam is required for course credit. This course covers the following topics: Number systems, operations and properties, algebraic expressions, first degree equations and inequalities in one variable operations with algebraic expressions, ratio and proportion, geometric figures, area and volumes Trigonometry of the Right triangle and graphing.

351 Algebra 2

1 Year/1 Credit

This is the second year in the two-year Algebra program. This course covers the following topics: special products, factoring, fractions, first degree equations, inequalities involving fractions, probability, statistics, graphs of linear open sentences in two variables, real numbers, geometry of the circle, quadratic equations, and transformational geometry. This course will include the use of graphing calculators.

Prerequisite: Successful completion of Algebra 1. An end of year departmental exam is required for course credit. Students will be required to take the Algebra Regents Exam at the conclusion of this course.

353 Algebra

1 Year/1 Credit

Math A is the first year of a 3 year sequence. It is a fast paced, rigorous course intended for students with average and above ability in mathematics. The focus of study in this course is elementary algebra, and addresses the topics of geometry, trigonometry, probability and statistics. This course includes the use of graphing calculators. This course culminates with an end of year departmental examination and the Algebra Regents exam.

Prerequisite: Successful completion of Math 8 with a 75% or higher year end average and/or upper half of level 2 on the Grade 8 Math Assessment. Students will be required to take the Algebra Regents exam at the conclusion of this course.

354 Geometry

1 Year/1 Credit

This course is for students who have successfully completed Algebra with a 75% and higher average. It integrates the study of algebra and geometry. The goals of this course are to develop proficiency with mathematical concepts and to improve logical thinking. This course will include the use of graphing calculators. **Students are required to take the Geometry Regents in June.** An end of the year departmental exam is required.

Prerequisite: Successful completion of Math A, Algebra or Algebra 2

355 Geometry Honors

1 Year/1 Credit

This course is for 9th grade students who have successfully completed Grade 8 Accelerated Math. Honors Geometry is a rigorous course that integrates the study of algebra and geometry. It also continues the development of topics that were begun in grade 8 Accelerated Math. The goals of this course are to develop proficiency with mathematical skills to expand understanding of mathematical concepts and to improve logical thinking. An end of year departmental exam is required. **Students are required to take the Geometry Regents in June.** **Prerequisite:** Successful completion of Grade 8 Accelerated Math with an overall average of 85% in the course. This course may also include the use of graphing calculators.

355.5 Math-Pre-College Prep**1 Year/1 Credit**

This is the third course for students who started in the Algebra 1 and Algebra 2 track. It is slower paced than Math B1 and may lead to College Prep Math. Topics include: coordinate geometry, proofs, perpendicular and parallel lines, quadrilaterals, rational numbers, real numbers and circles. **Students will be required to take a Local Final in June.**

356 Math-College Prep**1 Year/1 Credit**

This course is offered to those students who have passed Algebra 2 or have passed Math A/B. This course includes intermediate algebra, trigonometry, logarithmic functions, mathematical progressions, coordinate geometry and conic sections. This course emphasizes the algebraic skills needed for students who intend to continue their education beyond high school. College Prep Math provides a good foundation for those students who intend to take Math B. An end of year departmental exam is required.

Prerequisite: Successful completion of Algebra 2 or Math A/B.

357 Math B**1 Year/1 Credit**

Math B is the third course for high school students in a college preparatory sequence. The focus of this course is trigonometry. This course integrates the study of algebra and geometry. It also continues the development of the topics of logic, statistics, and probability. The goals of this course are to develop proficiency with mathematical skills, to expand understanding of mathematical concepts and to improve logical thinking. This course will include the use of graphing calculators. **Math B culminates with the Math B Regents Exam.** An end of year departmental exam is also required.

Prerequisite: Successful completion of Math A/B.

358 Math B Honors**1 Year/1 Credit**

Honors Math B is the third course in the accelerated Math A/B sequence. Included are topics of intermediate algebra, transformational geometry, probability and statistics to their concluding level. New topics include logarithms and trigonometry. This course will include the use of graphing calculators. **Students are required to take the Math B Regents exam in June.** An end of year departmental exam is required.

Prerequisite: Successful completion of Math A/B Honors.

361 Computers Systems Applications and Programming**1 Year/1 Credit**

Students will be introduced to the Windows operating system on IBM PC computers. As an extension of the current 7th and 8th grade curriculum, students will learn to use Word Processors, Spreadsheets, and presentation software using Microsoft Office. They will do a variety of projects using these applications. In addition, students will design their own web page. Computer programming is still an important part of understanding computers and how they work. Students will be introduced to the Java language.

They will learn the basics of programming by doing some programming projects. An end of year departmental final exam and/or project is required.

Prerequisite: Math A/B or permission of instructor.

362 AP Computer Science**1 Year/1 Credit**

The goals of an Advanced Placement course in computer science are comparable to those in the introductory sequence of courses for computer science majors offered in college and university computer science departments. It is not expected, however, that all students in an AP Computer Science course will major in computer science in college. Rather, students who enjoyed the programming section of the Computer Systems Applications and Programming course and who wish to expand their knowledge of programming in the Java language will find this course both interesting and challenging. Students will learn to design and implement computer-based solutions to problems in several application areas. They will learn well-known algorithms and data structures and be able to select the appropriate algorithm and data structure to solve problems. An end-of year examination and/or portfolio assessment/project is required.

Prerequisite: Computer Systems, Applications and Programming or Permission of the instructor.

363 Calculus I

1 Year/1 Credit

Calculus I is a senior college level Calculus class. Topics includes analytic preparation, functions, limits, derivatives and antiderivatives of algebraic functions and applications. The course is structured to prepare the students for college mathematics.

Students are offered the option of paying for either FMCC college credit or AP Calculus AB exam credit. In either case student will receive 4 credit hours upon successful completion of the material. Graphing calculators will be provided for students who cannot buy their own.

Prerequisite: Successful completion of Math B or Analytic Geometry and Pre-Calculus.

364 AIS Math (Capacity: 10)

1 Year(EOD)/ 0 CREDIT

This course is designed to reinforce the skills presented in Algebra I.

Prerequisite: Students entering grade 9 in September 2000 or after who have been identified as in need of academic intervention in Grade 8. This course **will meet every other day for a full year.**

365 Math Lab

1 Year (EOD)/0 Credit

This course is designed for student who passed the Algebra class but failed the Algebra Regents exam. The focus of this course will be on improving Algebra skills necessary to pass the Algebra Regents.

369 Consumer Applied Mathematics

1 Year/1 Credit

This course is for students that have passed the Algebra exam. The following topics will be covered: job hunting, wages, banking, credit, travel, mortgages, loans, investing and many other business mathematics topics. The local final is in June.

375 Geometry I

1 Year/1 Credit

Geometry I is the third course for students that started in the Algebra 1 and Algebra 2 series and passed both courses with an 85% and above average, or with a strong teacher recommendation. It is a two year track to the Geometry exam.

Topics include coordinate geometry, logic, proofs, triangle congruence, geometric inequalities, perpendicular and parallel lines, quadrilaterals, rational numbers, real numbers, and geometry of the circle. The local exam is in June.

376 Math B2

1 Year/ 1 Credit

Math B2 is the fourth course for students that started in Algebra 1 and wish to take the Math B Regents exam. Topics include: relations and functions, transformations, trigonometric functions and graphs, exponential functions, logarithmic functions, trigonometric applications, equations and identities, complex numbers, statics and probability.

Prerequisite: Successful completion of Math B1. **Math B Regents exam in June, and a local final exam in June.**

MUSIC DEPARTMENT

800 MUSIC IN OUR LIVES

1 Year (EOD)/ 1/2 Credit

Commonly referred to as music appreciation, this course addresses each of the following areas: Music History, Music Reading, Performance, & Composition plus an introduction to piano class. Every student pursuing this half-year course of study will have experiences in each of these five areas. An end of year exam and/or approved portfolio assessment/performance or project is required.

801 Band - Wind Ensemble

1 Year/1 Credit

A performing ensemble selected by audition or teacher recommendation based on proper instrumentation for the study of contemporary wind instrumental music and standard symphonic literature (NYSSMA level 4-6). Evening concerts are **required** during the school year. All performances are graded, therefore, if a student is absent, a written excuse and make-up performance will be required. A midterm and end-of-year exam and/or approved portfolio assessment or project is required. Students are required to attend lessons on a rotating basis during the school day.

802 Band-Symphonic

1 Year/1 Credit

Membership in the Symphonic Band is open registration for all high school students with at least 2-3 years training who wish to participate in a wind and percussion instrumental class for the study of symphonic band music. Evening concerts are **required** during the school year. All performances are graded, therefore, if a student is absent, a written excuse and make-up performance will be required. A midterm and end-of-year exam and/or approved portfolio assessment or project is required. Students are required to attend lessons on a rotating basis during the school day.

Marching Band Requirements: Marching Band is a co-curricular requirement of all students registered in 801 or 802. Performances will include half-time shows for football games and parades and community sponsored events. **After-school practices are required on Wednesdays and Thursdays from 2:30-4:30 p.m.**

Reasonable accommodations will be made for students involved in extracurricular activities, i.e. clubs, sports). Students with after-school jobs should schedule hours after 4:30 p.m. Marching Season is usually completed by November 30th of each year, except in occasional instances in the spring of each year when a performance is scheduled. **It is required that students attend summer marching band camp, which begins two (2) weeks prior to the start of the school year.** Band uniforms will be supplied by the Greater Amsterdam School District. Students are required to provide white band shoes and a purple beret. These may be purchased from the music department suppliers. Students are required to have their own instruments except for percussion and large wind instruments.

Visit their web-site at: www.ahsmarchingrams.com for further details

803 Chorus-Mixed (9-12)

1 Year/1 Credit

A chorus of high school men and women who will study **SATB NYSSMA** Level 2-3 choral literature of the various time periods, as well as vocal techniques and production. All chorus students should have had choral experience at the middle school level. Evening concerts are required, and occasional after-school rehearsals are necessary. Students will be graded on class participation, concert attendance and voice lessons. Students will have the opportunity to participate in various community performances, music competitions both local and out of town. Students will need to purchase required concert attire for formal performances and competitions. **It is expected that students will put in extra time for these events.** This can include both weekends and after school. All choir students are expected to participate in chorus fund-raisers. An end of the year exam and/or approved portfolio assessment/performance or project will be required.

804 Chorus-Select (9-12)

1 Year/1 Credit

A Choir of advanced high school men and women who will study all styles of choral literature. They will concentrate on NYSSMA grade level 5 and 6. Students will develop knowledge of solfege, and will study advanced voice techniques. **This group will have a demanding concert schedule, and all performances are required. It is expected that these students will participate in both group and solo competitions.** Students will be graded on class participation, concert attendance and voice lessons. Entrance into this class is by **AUDITION ONLY**. Auditions will be held during the previous school year. Accommodations can be made for talented eighth grade students and new students to audition for possible entry. An end of year exam and/or approved portfolio assessment/performance or project is required.

806 MUSIC THEORY I

1 Year/1 Credit

Theory I - A formal music structure course including: 1)The concept of tonality 2) Scales. 3) Key Signatures 4) Intervals 5) Triads 6) Rhythm and Meter 7)Melody 8)Harmony 9) Development of Ear Training and Sight singing skills.

An end-of year exam and/or approved portfolio assessment/performance or project is required.

Prerequisite: Students should have experience reading music.

807 MUSIC THEORY II

1 Year/1 Credit

Theory II- a continuation from Theory I including: 1) Advanced Rhythmic Concepts 2) Harmonic Principles 3) Part Writing 4) Creative Assignments 5) Advanced Ear Training and Sight singing Skills.

Prerequisite: Successful completion of Music Theory I.

An end of year exam and/or approved portfolio assessment/performance or project is required.

NOTE:

- 1) Music Theory I and II is a requirement for a 5-unit sequence.
- 2) Any students contemplating a college major or minor in music should take both Music Theory I and II.

PHYSICAL EDUCATION DEPARTMENT

900 Physical Education

1 Year (EOD)/ 1/2 Credit

Note: Two units of physical education are mandated by the Commissioner's Regulations for graduation.

The physical education program for high school students is designed to develop the skills and attitudes necessary to achieve and maintain life long health and fitness. Students will be encouraged to gain an active appreciation of the positive role of physical fitness in overall health and well-being and to develop socially useful participation skills.

Three main activities include:

***Health Related Fitness**-Students will understand the value of personal fitness and be able to assess, achieve and maintain physical fitness. This includes: flexibility, cardio-respiratory endurance, muscular endurance, strength, and body composition. Activities include: weight training, cross country running, cardio-vascular work-outs, the fitness trail, aerobic/anaerobic classes and self-defense

***Individual Physical Activities**-Students will understand the value of lifetime leisure activities and personal fitness. Activities include: tennis, golf, bowling, racquetball, running, track and field and hiking.

***Team Physical Activities**-Students will demonstrate social considerations including: sportsmanship, self-control, pride, teamwork, leadership and communication. Activities include: flag football, soccer, volleyball, team handball, floor hockey, basketball, softball, wiffleball, ultimate Frisbee and lacrosse.

PE 9

This program will be divided into three main activities of ***Health Related Fitness, *Individual Physical Activities (lifetime activities) and *Team Physical Activities**. Students will be required to rotate through all three activities throughout the school year.

PE 10

This program will be divided into three main activities of ***Health Related Fitness, *Individual Physical Activities (lifetime activities) and *Team Physical Activities**. Students will be required to rotate through all three activities throughout the school year.

PE 11/12

Students will choose which of the three activities to participate in for the remainder of the school year.

A final exam is also given at the end of the school year to test the students' comprehension of activities taught throughout the year.

SCIENCE DEPARTMENT

200 Earth Science Regents **(Physical Setting: Earth Science) (PS)**

1 Year/1 Credit
CAPACITY: 24

This course is a Regents Level Physical Science Course based on the New York State Math, Science, and Technology Standards. The topics covered in this course include: Measurement Skills, Laboratory Skills, The Earth's Atmosphere, Meteorology, Astronomy, Oceanography, Physical Geology, Historical Geology and Environmental Science. This is a laboratory based course and students will be required to participate in a minimum of 1200 minutes of laboratory activities throughout the year. The students are responsible for keeping a laboratory folder of successfully completed laboratory reports which must be submitted at the end of the year and kept on file by the teacher for a minimum of 6 months following the completion of the course. Successful completion of the laboratory portion of this course is a requirement for taking the **Physical Setting: Earth Science Regents Exam** which will be offered at the conclusion of the course. For students meeting the laboratory requirement, the Regents Exam will be used as the final exam and will account for 20% of the final grade. For students not meeting the laboratory requirements, a department wide final exam will be given and will account for 20% of the final grade.

Recommended prior courses:

1. satisfactory completion of 8th grade science
2. satisfactory completion of 8th grade math

203 PHYSICAL OCEANOGRAPHY **(PS)**

1 Year (EOD)/ 1/2 Credit

This course is a Regents Level Physical Science Course based on the New York State Math, Science, and Technology Standards. Physical Oceanography will give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. Laboratory investigations will be incorporated into the regular class schedule at the instructor's discretion. The topics covered in this course include Marine Geology, seafloor spreading, plate tectonics, ocean topography, ocean sediments, ocean water properties, ocean currents and waves. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #200) or Regents Chemistry (course #220) or Regents Physics (course #230)
3. Passing grade on one NYS Science Regents Exam

204 OCEAN ECOLOGY
(PS)

1 Year (EOD)/ 1/2 Credit

This course is a Regents Level Physical Science Course based on the New York State Math, Science, and Technology Standards. Ocean Ecology will give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. Laboratory investigations will be incorporated into the regular class schedule at the instructor's discretion. The topics covered in this course include Marine Biology, interactions between the atmosphere and the ocean, natural disasters such as storm surges and tsunamis, and the impact of humans on the oceans. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #200) or Regents Chemistry (course #220) or Regents Physics (course #230)
3. Passing grade on one NYS Science Regents Exam

210 Biology Regents (Living Environment)
(LS)

1 Year/1 Credit
CAPACITY: 24

This course is a Regents Level Life Science Course based on the New York State Math, Science, and Technology Standards. The topics covered in this course include: Measurement Skills, Laboratory Skills, Cell Structure and Function, Ecology, Chemistry of Life, Genetics, Plant Anatomy and Physiology, Animal Anatomy and Physiology, and Evolution. This is a laboratory based course and students will be required to participate in a minimum of 1200 minutes of laboratory activities throughout the year. The students are responsible for keeping a laboratory folder of successfully completed laboratory reports which must be submitted at the end of the year and kept on file by the teacher for a minimum of 6 months following the completion of the course. Successful completion of the laboratory portion of this course is a requirement for taking the **Living Environment Regents Exam** which will be offered at the conclusion of the course. For students meeting the laboratory requirement, the Regents Exam will be used as the final exam and will account for 20% of the final grade. For students not meeting the laboratory requirements, a department wide final exam will be given and will account for 20% of the final grade.

Recommended prior courses:

1. Satisfactory completion of 8th grade science
2. Satisfactory completion of 8th grade math

213 Forensic Science (The Biology of)
(LS)

1 Year (EOD)/ 1/2 Credit

This course is a Regents Level Life Science Course designed to give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. The Biology of Forensic Science is based on the New York State Math, Science, and Technology Standards. The topics covered in this course will focus on crime scene evidence, lab analysis techniques, and the recording and presenting of data. Mock crime scenes will be investigated and real case studies will be analyzed. Laboratory exercises will be conducted according to individual class and teacher discretion. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #200) or Regents Chemistry (course #220) or Regents Physics (course #230)
3. Passing grade on one NYS Science Regents Exam
4. It is highly recommended that students have successfully completed or are concurrently enrolled in Regents Chemistry (course #220)

214 THE HUMAN BODY: STRUCTURE and FUNCTION
(LS)

1 Year (EOD)/ 1/2 Credit

This course is a General Level Life Science Course designed to give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. This course is based on the New York State Math, Science, and Technology Standards. Laboratory investigations will be incorporated into the regular class schedule at the instructor's discretion. This course is designed for students interested in a career relating to the structure and function of the human body, including Athletic Training, Physical and Occupational Therapy, Medical Imaging, Massage Therapy and Forensics. Topics covered in the course will include human cells, tissues, organs, and body systems: including structure, function and disorders of each of the above. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #200) or Regents Chemistry (course #220) or Regents Physics (course #230)
3. Passing grade on one NYS Science Regents Exam

215 NUTRITION
(LS)

1 Year (EOD)/ 1/2 Credit

This course is a General Level Life Science Course designed to give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. This Nutrition is based on the New York State Math, Science, and Technology Standards. Laboratory investigations will be incorporated into the regular class schedule at the instructor's discretion. The topics covered in this course will include the chemistry of fats, carbohydrates, and proteins, the importance of vitamins, minerals, and water in our diets, the benefits of proper nutrition, and current issues dealing with nutrition and diet. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #200) or Regents Chemistry (course #220) or Regents Physics (course #230)
3. Passing grade on one NYS Science Regents Exam

220 Chemistry (Regents) - (Physical Setting: Chemistry)
(PS)

1 Year/1 Credit
CAPACITY: 24

This course is a Regents Level Physical Science Course based on the New York State Math, Science, and Technology Standards. The topics covered in this course include: Measurement Skills, Laboratory Skills, Matter and Energy, Atomic Structure, Bonding, The Periodic Table, Gas Laws, Mathematics of Chemistry, Kinetics and Equilibrium, Acids and Bases, Redox and Electrochemistry, Organic Chemistry and Nuclear Chemistry. This is a laboratory based course and students will be required to participate in a minimum of 1200 minutes of laboratory activities throughout the year. The students are responsible for keeping a laboratory folder of successfully completed laboratory reports which must be submitted at the end of the year and kept on file by the teacher for a minimum of 6 months following the completion of the course. Successful completion of the laboratory portion of this course is a requirement for taking the **Physical Setting: Chemistry Regents Exam** which will be offered at the conclusion of the course. For students meeting the laboratory requirement, the Regents Exam will be used as the final exam and will account for 20% of the final grade. For students not meeting the laboratory requirements, a department wide final exam will be given and will account for 20% of the final grade.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. It is highly recommended that students have successfully completed or are concurrently enrolled in Regents Earth Science (course #200) or Regents Physics (course #230)

221 Chemistry (General)
(PS)

1/2 Year (EOD)/1/2 Credit

This course is a General Level Physical Science Course designed to give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. General Chemistry is based on the New York State Math, Science, and Technology Standards. The topics covered in this course will emphasize the practical applications of Chemistry in our everyday life. Laboratory exercises will be conducted according to individual class and teacher discretion with an emphasis on chemical safety and awareness. Labs will be incorporated within each class as needed. A department wide final exam will be given.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Earth Science (course #220)
3. Passing grade on one NYS Science Regents Exam

230 Physics (Regents) - (Physical Setting: Physics)
(PS)

1 Year/1 Credit

This course is a Regents Level Physical Science Course based on the New York State Math, Science, and Technology Standards. The topics covered in this course include: Measurement Skills, Laboratory Skills, Kinematics, Statics, Dynamics, Work and Energy, Conservation of Momentum and Energy, Mechanical Waves, Electromagnetic Radiation, Electricity, Magnetism, Modern Physics. This is a laboratory based course and students will be required to participate in a minimum of 1200 minutes of laboratory activities throughout the year. The students are responsible for keeping a laboratory folder of successfully completed laboratory reports which must be submitted at the end of the year and kept on file by the teacher for a minimum of 6 months following the completion of the course. Successful completion of the laboratory portion of this course is a requirement for taking **the Physical Setting: Physics Regents Exam** which will be offered at the conclusion of the course. For students meeting the laboratory requirement, the Regents Exam will be used as the final exam and will account for 20% of the final grade. For students not meeting the laboratory requirements, a department wide final exam will be given and will account for 20% of the final grade.

Prerequisites:

1. Successful completion of Regents Biology (Course #210)
2. Successful completion of Regents Earth Science (Course #200) or Regents Chemistry (Course#220)
3. Passing grade on the Math A exam or concurrently enrolled in a math course that will prepare students for the Math A regents exam given at the end of the current year

231 Physics (General)
(PS)

1 Year (EOD)/ 1/2 Credit
CAPACITY: 24

This course is a General Level Physical Science Course designed to give students an additional option for the third year of the science requirement needed to receive a New York State Regents Diploma. General Physics is based on the New York State Math, Science, and Technology Standards. The topics covered in this course will emphasize the practical applications of Physics in our everyday life. Laboratory exercises will be conducted according to individual class and teacher discretion with an emphasis on mechanical and electrical concepts. This class will meet once each day with labs incorporated within each class as needed. A department wide final exam which will account for one third of the final grade will be given at the conclusion of the course.

Prerequisites:

1. Successful completion of Regents Biology (Course #210)
2. Successful completion of Regents Earth Science (Course #200) or Regents Chemistry (Course #220)
3. Passing grade on one NYS Science Regents Exam
4. Passing grade on the Math A exam or concurrently enrolled in a math course that will prepare students for the Math A regents exam given at the end of the current year

240 Advanced Biology
(LS)

1 Year/1 Credit
CAPACITY: 24

This course is a College level course for academically talented students. It involves an in depth study of the following topics: Cell Anatomy and Physiology, Plant Anatomy and Physiology, Biochemistry, Traditional and Molecular Genetics, Reproduction and Development, Evolution and Ecology. Laboratory activities are an important part of this course. Laboratory assignments will be designed to meet the standards of an average Freshmen College level Biology Course. A cumulative final exam will account for 20% of the final course grade. College credit for this course can be earned in either of the following ways: 1) Students can enroll in Biology 171 from Fulton Montgomery Community College through the University in the High School Program which affiliates Amsterdam High School with Fulton Montgomery Community College(approximate cost: \$175), 2) Students can take the College Board Advanced Placement Biology Exam given each year in May(approximate cost: \$90). This may allow them to achieve 4 semester hours of college credit for this course. Enrollment in the University in the High School or taking the AP exam is not mandatory.

Prerequisites:

1. Successful completion of Regents Biology (Course #210)
2. Successful completion of two of the following:
 - Regents Earth Science (Course #200)
 - Regents Chemistry (Course #220)
 - Regents Physics (Course #230)
3. Passing grade on three NYS Science Regents Exams
4. Passing grade on the Math A exam

241 Advanced Physics
(PS)

1 Year/1 Credit
CAPACITY: 24

This course is a Calculus based College level course for academically talented students. It involves an in depth study of the following topics: Translational Kinematics, Translational Statics, Translational Dynamics, Rotational Kinematics, Rotational Statics, Rotational Dynamics, Work and Energy, Conservation of Momentum and Energy, Universal Gravitation, Equilibrium and Oscillations. Laboratory activities are an important part of this course. Laboratory assignments will be designed to meet the standards of an average Freshmen College level Physics Course for students pursuing a degree in Physics or Engineering. A cumulative final exam will account for 20% of the final course grade. College credit for this course can be earned in either of the following ways: 1) students can enroll in Physics 171 from Fulton Montgomery Community College through the University in the High School Program which affiliates Amsterdam High School with Fulton Montgomery Community College (approximate cost: \$175), 2) Students can take the College Board Advanced Placement Physics C Exam given each year in May (approximate cost: \$90). This may allow them to achieve 4 semester hours of college credit for this course. Enrollment in the University in the High School or taking the AP exam is not mandatory.

Prerequisites:

1. Successful completion of Regents Biology (Course #210)
2. Successful completion of Regents Physics (Course #230)
3. Successful completion of one of the following:
 - Regents Earth Science (Course #200)
 - Regents Chemistry (Course #220)
4. Passing grade on three NYS Science Regents Exams
5. Passing grade on the Math A exam
6. Passing grade on the Math B exam or concurrent enrollment

243 Advanced Chemistry
(PS)

1 Year/1 Credit
CAPACITY: 24

This course is a College level course for academically talented students. It involves an in depth study of the following topics: Stoichiometry, Atomic Structure, Bonding, Oxidation-Reduction, Kinetics and Equilibrium, Acids and Bases, Nuclear Chemistry, Organic Chemistry and Biochemistry, Laboratory activities are an important part of this course. Laboratory assignments will be designed to meet the standards of an average Freshmen College level Chemistry Course for students pursuing a degree in Science or Engineering. A cumulative final exam will account for 20% of the final course grade. College credit for this course can be earned by taking the College Board Advanced Placement Chemistry Exam given each year in May (approximate cost: \$90). This may allow them to achieve a unit of college credit for this course. This course has not been approved by FMCC for University in the High School credit at this time, but it may be approved in the future. The AP Exam is not a mandatory requirement for this course.

Prerequisites:

1. Successful completion of Regents Biology (course #210)
2. Successful completion of Regents Chemistry (course #220)
3. Successful completion of one of the following:
 - Regents Earth Science (course #200)
 - Regents Physics (course #230)
4. Passing grade on three NYS Science Regents Exams
5. Passing grade on the Math A exam
6. Passing grade on the Math B exam or concurrent enrollment

244 AIS SCIENCE (11/12)

1 Year (EOD)/ 0 Credit

Designed for upperclassmen who have not yet passed a science regents or rct exam required for graduation.

SUMMARY OF SCIENCE COURSES OFFERED
and
SCIENCE GRADUATION REQUIREMENTS

COURSES OFFERED

<p align="center"><u>LIFE SCIENCE COURSES</u></p> <ul style="list-style-type: none"> • Regents Biology - 1 Credit • The Biology of Forensic Science - ½ Credit • The Human Body: Structure and Function - ½ Credit • Nutrition - ½ Credit • Advanced Biology – 1 Credit 	<p align="center"><u>PHYSICAL SCIENCE COURSES</u></p> <ul style="list-style-type: none"> • Regents Earth Science – 1 Credit • Physical Oceanography – ½ Credit • Ocean Ecology – ½ Credit • Regents Chemistry – 1 Credit • General Chemistry – 1 Credit • Advanced Chemistry – 1 Credit • Regents Physics – 1 Credit • General Physics -1 Credit • Advanced Physics – 1 Credit
<p align="center"><u>LIFE SCIENCE REGENTS EXAMS</u></p> <ul style="list-style-type: none"> • Living Environment 	<p align="center"><u>PHYSICAL SCIENCE REGENTS EXAMS</u></p> <ul style="list-style-type: none"> • Physical Setting: Earth Science • Physical Setting: Chemistry • Physical Setting: Physics

GRADUATION REQUIREMENTS FOR SCIENCE

<p align="center"><u>REGENTS DIPLOMA</u></p> <p align="center">Three Science courses: Option 1) Two life science and one physical science Option 2) One life science and Two physical science</p> <p align="center">And</p> <p align="center">One Regents Exam any of the above</p> <p align="center"><u>REGENTS WITH ADVANCED DESIGNATION DIPLOMA</u></p> <p align="center">Three Science courses: Option 1) Two life science and One physical science Option 2) One life science and Two physical science</p> <p align="center">And</p> <p align="center">Two Regents Exams - One life science and One physical science</p>

SOCIAL STUDIES DEPARTMENT

100 Global History 9 - Regents

1 Year/1 Credit

This is the first in a two-year sequence of Global History. World history from prehistoric times to 1700 A.D. will be studied in a chronological approach. Students selected for this course will benefit from an increased emphasis on basic social studies vocabulary and skills. Instruction and materials in this course are designed specifically to prepare each student for the Global History regents exam at the end of tenth grade. An end of the year comprehensive departmental final exam is required.

101 Global Histories 9 - College Preparatory

1 Year/1 Credit

This is the first in a two-year sequence of Global History. World history from prehistoric times to 1700 A.D. will be studied in a chronological approach. This course involves vocabulary development; map skills, reading primary and secondary source materials, and essay writing. Instruction and materials in this course are designed to prepare the student for the Global History regents exam at the end of tenth grade. An end of the year comprehensive departmental final exam is required.

102 Global History 9 - Honors

1 Year/1 Credit

This is the first in a two-year sequence of Global History and is designed to challenge qualified students. World history from prehistoric times to 1700 A.D. will be studied in a chronological approach. This course emphasizes essay writing, along with the reading of primary and secondary source reading materials, the development of critical thinking and analysis skills, extended task projects, as well as vocabulary and map skills.

Instruction and materials in this course are designed to prepare the student for the Global History regents exam at the end of tenth grade. An end of the year comprehensive departmental final exam is required. Prerequisite: Final average of "A" in social studies, 90% by end of grade 8 achieving an honors level score on a standardized test teacher recommendation successful completion of a departmentally developed summer assignment.

110 Global History 10 Regents

1 Year/1 Credit

This is the second in a two-year sequence of Global History. World history from 1700 to the present will be studied in a chronological approach. Students selected for this course will benefit from an increased emphasis on basic social studies vocabulary and skills. Instruction and materials in this course are designed specifically to prepare each student for the Global History regents' exam. An end of the year comprehensive departmental final exam is required.

111 Global History 10 Colleges Preparatory:

1 Year/1 Credit

This is the second year in a two-year sequence of Global History. World history from 1700 A.D. to the present is studied in a chronological approach. This course involves vocabulary development; map skills, reading primary and secondary source materials, and essay writing. Instruction and materials in this course are designed to prepare the student for the Global History regents' exam. An end of the year comprehensive final exam is also required.

Prerequisite: successful completion of Global History grade 9.

112 Global History 10 - Honors

1 Year/1 Credit

This is the second in a two-year sequence of Global History and is designed to challenge qualified students. World history from 1700 A.D. to the present will be studied in a chronological approach. This course emphasizes essay writing, along with the reading of primary and secondary source reading materials, the development of critical thinking and analysis skills, extended task projects, as well as vocabulary and map skills. Instruction and materials are designed to prepare the student for the Global History regents' exam. An end of the year comprehensive final exam is also required.

Prerequisite: A minimum final average of 87% in Global History 9 Honors or 90% in Global History 9 College Prep, successful completion of a departmentally developed summer assignment.

120 U.S. History and Government-Regents**1 Year/1 Credit**

This course examines the government and history of the United States. Primary and secondary resources are used to examine the social, political, and economic issues which have confronted the United States throughout its history. The constitution provides the framework for reviewing historical events and their impact on the development of the United States. Students selected for this course will benefit from an increased emphasis upon basic Social Studies vocabulary and skills. Instruction and materials in this course are designed specifically to prepare each student for the U.S. History and Government final exam.

To fulfill state graduation requirements, students in this course are required to pass the Regents Examination based on American history and government. An end of the year departmental exam and/or approved portfolio/project is also required for course credit.

Prerequisite: Successful completion of Global History 10

121 U.S. History and Government - College Preparatory**1 Year/1 Credit**

This course examines the government and history of the United States. Emphasis is given to critical thinking and writing skills. Primary and secondary resources are used to examine the social, political, and economic issues which have confronted the United States throughout its history. The Constitution provides the framework for reviewing historical events and their impact on the development of the United States.

To fulfill state graduation requirements students in the course are required to pass the Regents Examination based upon American history and government at the conclusion of the course. An end of year departmental exam and/or approved portfolio assessment/project is required.

Prerequisite: Students must successfully complete Global History 10.

123 U.S. History and Government - Honors**1 Year/1 Credit**

This course is designed to provide a rigorous challenge for those students seeking an in depth study of American History. The course examines the history of the United States and requires students to create and defend positions regarding historical course concepts. Emphasis is given to critical thinking and writing skills. Through a detailed examination of various primary and secondary resources, students examine the social, political, and economic issues which have confronted the United States throughout its history. To fulfill state graduation requirements students in the course are required to take the Regents Examination based upon American history and government at the conclusion of the course. An end of year departmental exam and/or approved portfolio assessment/project is required.

Prerequisite: A minimum average of 87% in Global History 10 Honors or 90% in Global History 10 College Preparatory, a minimum score of 85% on the Global History regents exam, successful completion of a departmentally developed summer assignment.

132 Economics - Regents 1/2 Year (ED)/1/2 Credit

Students in this course will study the economic system of the United States and its operation, the components of this system, and their role in it as worker, investor, and voting citizen. They will examine the economic interdependence of the world today, the political and social impact of economic decisions and the relationships between them. The student will also be expected to understand basic economic concepts. An end of year departmental exam is required.

Prerequisite: Successful completion of U.S. History & Government 11.

133 Participation in Government - Regents**1/2 Year/1/2 Credit**

This course is designed to provide the student with the knowledge of how public policy is formed, implemented and evaluated at all levels of government in a democratic society, and the knowledge of how citizens can directly or indirectly interact with the public policy process. Students are required to participate in a variety of political programs throughout the course. An examination is made of the individual rights of citizens within our society. An end of year departmental exam is required.

Prerequisite: Successful completion of U.S. History & Government.

134 Economics - Honors**1/2 Year (ED) /1/2 Credit**

A survey of the major economic principles, institutions, and problems in contemporary life. The course is divided into two major areas: 1) macroeconomics-national income concepts, unemployment, inflation, and institutions of monetary control, and 2) microeconomics-supply and demand, the price system and how it works, competitive and monopolistic markets. This course is designed for students who have previously been enrolled in the Honors program. Essay writing skills are emphasized. An end of year departmental exam is required.

Prerequisite: A score of 90% or higher on the U.S. History & Government and the ELA. Students must maintain an honors average throughout the year to continue in the course.

135 Participation in Government - Honors**1/2 Year (ED)/1/2 Credit**

This course is designed to provide our students with the knowledge of how public policy is formed, implemented and evaluated at all levels of government in a democratic society, and the knowledge of how citizens can directly and indirectly interact with the policy process. Students are required to participate in a variety of local political programs throughout the course. This course is designed for students who have previously been enrolled in the Honors program. Essay writing skills are emphasized so that students are expected to take the Advanced Placement Government Examination. An end of year departmental exam is required.

Prerequisite: A score of 90% or higher on the U.S. History & Government and Comprehensive Regents Examinations and a 90% in the US History and Government Honors course or a 93% in the US History and Government College Preparatory Course. Students must maintain an honors average throughout the year to continue in the course.

136 Indians in American History**1 Year (EOD)/ 1/2 Credit**

This course is designed to provide the students with an over view of Native American history and their role in the historical development of our nation. Students will use a variety of resources including videos, movies, a novel, short stories, and current events articles. Students will be required to rite essays that will focus on Native Americans, and work in groups to present researched information to the class, and perform at least one story telling. During this course there may be field trips. Students will acquire an appreciation for the culture and history of the Aboriginal Peoples of North America. This course is open to juniors and seniors at the Regents level. This is a commencement level course. An end of the course final is required.

137 Psychology 11/12**1 Year (EOD)/ 1/2 Credit**

This course is designed for high school students with an emphasis on an individual's psychological and sociological development. The course examines issues related to personality, consciousness, learning, emotional intelligence, and human development. This is a course in comparative thought in which students examine the social situations prevalent in everyday living. This is a commencement level course **Prerequisite:** Students must be in grades 11 and 12 to enroll. Students must have earned a minimum of a 70% average in their previous social studies course. An end of year departmental exam and/or approved portfolio assessment /project is required.

138 Warfare and Terrorism in Modern Times 11/12**1 Year (EOD)/ 1/2 Credit**

This course is a semester course, twenty weeks. It will address the aspects of the strategy and technology in the conduct of conflicts in the nineteenth and twentieth centuries. A major issue will be the impact of terrorism on life in society. Students will be expected to be able to discuss the leaders and the actions in the conduct of operations, as well as the geography of the situation. Assessments will be through testing, essays, and research projects.

139 AIS Global History**EOD/0 CREDIT**

This course is specifically designed for students who have demonstrated a need for academic intervention in preparation for the Global History regents exam. Students will be assigned to this class based on teacher recommendation and classroom achievement.

140 Sociology 11/12

1 Year (EOD)/ 1/2 Credit

This course seeks to study the different relationships, trends, and ideologies that exist in and shape American culture. Likewise, a focus of examination will be how society affects us in general and also how we tend to construct society. Strong emphasis is to be placed on interactions, values, and beliefs that characterize the American Culture and how these topics relate to different aspects of society: such as race, gender, family education, and so on.

Prerequisite: Students must be in grades 11 and 12 to enroll. Students must have earned a minimum of a 70% average in their previous social studies course. An end of year departmental exam and/or approved portfolio assessment /project is required.

142 AIS U.S. History and Government L

EOD/0 CREDIT

This course is designed for students who have demonstrated a need for academic intervention in preparation for the U.S. History and Government regents exam. Students will be assigned to this class based on teacher recommendation and classroom achievement.

145 Participation in Government 12: College in the Classroom

1 Year/1 CREDIT

This course is designed to provide the students with the knowledge of how public policy is formulated, implemented, evaluated at all levels of government in a democratic society. Students will also gain knowledge of how citizens can participate directly, or indirectly, in the democratic process. This course is unique in that students will both fulfill their Participation in Government requirement, while also having an opportunity to earn college credit through FMCC's College in the Classroom program. Students are required to participate in a variety of political programs throughout the course and take an end of course departmental examination.

Prerequisite: Successful completion of U.S. History & Government 11.

OCCUPATIONAL EDUCATION DEPARTMENT

604 Clothing and Textiles Core

1/2 Year (ED)- /1/2 Credit

This course is designed to give the students an opportunity to appreciate the culture, history, and influence of art associated with Clothing and Textiles. It presents opportunities to develop creativity by studying design principles and applying them to construction and selection of clothing. By learning clothing construction, the student will be able to increase his/her own wardrobe and evaluate the quality of ready made garments in order to be a better consumer.

NOTE: Courses #604 and #605 satisfy the Art/Music graduation requirement. A teacher constructed assessment will be administered at the end of the course. CAPACITY: 15

605 Housing and Environment Core

1/2 Year (ED)- /1/2 Credit

This course is designed to give the student the ability to investigate how lifestyles, social and economic factors, and stages in the life cycle influence housing decision. The students will explore how culture and environment influence housing design in the past, present, and future. Through hands-on experience the students will cover design elements and principles as they relate to architecture and interior design. Household appliances and equipment, energy conservation, and caring for the home will also be studied. **NOTE:** Courses #604 and #605 satisfy the Art/Music graduation requirement. A teacher constructed assessment will be administered at the end of the course. CAPACITY: 20

606 Food and Nutrition Core

1/2 Year (ED) /1/2 Credit

This course is designed to give the students an understanding of basic nutritional concepts through many hands-on experiences related to food and nutrition. The student will explore nutritional requirements for people of various ages and needs and learn about dietary guidelines which promote long-term wellness. The students will also plan, prepare, serve, and evaluate a wide variety of foods. A teacher constructed assessment will be administered at the end of the course. CAPACITY: 16

607 Reconnecting Youth 9

1/2 Year (EOD) or 1 Year (ED)/ 1/2 Credit or 1 Credit

This is a semester long high school class that involves skill training in the context of positive peer culture. In Reconnecting Youth classes students practice and apply positive self esteem, decision making skills, personal control strategies and interpersonal communication skills.

Proven results from previous classes include: grade improvement, attendance improvement, a decrease in stress, anger and aggression problems. The students show an increase in self esteem and self concept. CAPACITY: 20

647 Mechanical Drawing I/ CAD

**1 year/1 Credit
CAPACITY: 20**

This may be used to provide instruction to any student to satisfy the high school art/music requirement. The course intends to provide opportunities in the areas of design and drawing through creative thinking, decision making, and problem solving experiences. It includes an investigation of architectural drawing. Students will create drawings used for residential construction.

Some of the basic plans that will be covered are: Plot plans, Foundation plans, Floor plans, Wall Sections, and Elevations. Drawings will be done by hand and with the use of the computer. It will also include an investigation of six technical drawing areas: Orthographic, Pictorials, Sections, Auxiliaries, Revolution, and Transitions and Developments. Example - Design Activity: An airplane crash high in the Rocky Mountains has left a number of survivors. High winds have made rescue impossible by helicopter.

A large snowstorm is expected within the next 24 hours. You are a designer for a large container corporation. You have been asked by an emergency relief group to design a human shelter from waxed cardboard's. It will be dropped by air national guard airplanes and the survivors must be able to assemble these shelters. An end of year exam is required.

648 Mechanical Drawing II/CAD

**1 Year/1 Credit
CAPACITY: 20**

In Mechanical Drawing II students elaborate on areas covered in the basic course and develop their skills in these and more specialized fields of drafting. Using computers, students prepare detailed drawings from sketches and specifications made by engineers, architects and designers.

Prerequisite: Design and Drawing Production. An end of year exam is required.

344 IT Essentials I: PC Hardware and Software

**Semester 1 1/2 Year (ED) / 1/2 Credit
CAPACITY: 15**

This course introduces students to information technology and data communications. Students will develop the necessary skills to enter this field by building a computer, installing the operating system, adding peripherals, connecting the computer to a local area network and to the Internet. This is a hands-on lab course that stresses laboratory safety and working effectively in a group environment.

Prerequisite: The curriculum assumes no prior knowledge of computers or networks on the part of the students. An eighth grade reading, writing and math proficiency is expected.

Further information: <http://CISCO.NETACAD.NET>

345 IT Essentials II: Network Operating Systems

**Semester 2 1/2 Year (ED) /1/2 Credit
CAPACITY: 15**

This course is an intensive introduction to multi-user, multi-tasking network operating systems. Characteristics of the Linux, Windows 2000, NT and XP network operating systems will be discussed. Students will explore a variety of topics including installing procedures, security issues, back up procedures and remote access. **Prerequisite:** IT Essentials I ** the students may be able to take the CompTIA A+ exam after completing the two courses.

JUNIOR RESERVE OFFICER TRAINING CORPS

The Junior Reserve Officers' Training Corps (**JROTC**) is a leadership education program specifically designed to develop the leadership abilities of high school students. It is an academic course of instruction, which is taught by retired military officers and sequenced into three levels: basic (**JROTC I**), intermediate (**JROTC II**), and advanced (**JROTC III**). **JROTC I (652)** is open to freshman through seniors and serves as an entry-level introduction to leadership education. **JROTC II (662)** is open to sophomores, through seniors and teaches increasingly more advanced techniques of leadership and management skills. **JROTC III (672)** is open to juniors and seniors and teaches the most advanced techniques of leadership and management.

The material covered in each course varies throughout the school year; however, most topics are related to taking charge of a group of people and leading them toward the accomplishment of individual and organizational goals. Students have the option of taking **JROTC** every day or every other day. They will receive 1 credit for successfully completing the every day course or 1/2 credit for successfully completing the very other day course. Up to 3 credits of **JROTC** may be applied toward a Regents diploma.

652 (F) ROTC I (Full Credit)

1 Year/1 Credit

This class meets everyday and is designed to develop an entry-level understanding of good leadership. Students learn ethics, self-discipline, methods of self-improvement, stress management, public speaking, how to follow instructions, and how to stand out and lead others using fundamental leadership skills. Classes are given on the basic organization, structure, customs, and courtesies of the armed forces.

Additional classes are taught on personal health, physical fitness, first aid, CPR, map reading, and land navigation. In addition to the classroom segments of the course, students are given the opportunity to wear Marine Corps uniforms, march in parades, take part in drill and physical fitness competitions against other schools, perform ceremonial color guard details, serve their community through various community service events, and visit military and historical points of interest. An end of year department exam is required. **Prerequisite:** None.

653 (P) ROTC I (Partial Credit)

1 Year (EOD)/1/2 Credit

This course mirrors 652 (F) and is offered as an alternative for students who can only attend ROTC every other day. An end of year departmental exam is required. **Prerequisite:** None

662 (F) ROTC II (Full Credit)

1 Year/1 Credit

This class meets everyday and builds on the concepts learned in **JROTC I**. **JROTC II** is designed to develop an intermediate understanding of the techniques and responsibilities associated with good leadership. In this course, students study the principles, traits, temptations, and styles of leadership.

The concepts of authority, responsibility and accountability are dealt with in greater detail, as are group dynamics, goal setting, public speaking and training. Included in the curriculum is an introduction into Total Quality Management and other business management theories and processes. Students also review and analyze current and historical, world and local events, with an emphasis on the basic elements and requirements for national security and the need for a constituted authority in a democratic society.

This course includes an introduction to the United States Constitution. In addition to the classroom segments of the course, students practice and develop leadership skills by filling leadership positions within the **JROTC** unit. An end of year departmental exam is required.

663 (P) ROTC II (Partial Credit)

1 Year (EOD)/1/2 Credit

This course mirrors 662 (F) and is offered as an alternative for students who can only attend **JROTC** every other day. An end of year departmental exam is required. **Prerequisite:** None

672 (F) ROTC III (Full Credit)**1 Year / 1 Credit**

This class meets everyday and builds on the concepts learned in **JROTC I** and **JROTC II**. **JROTC III** develops an advanced understanding of the techniques and responsibilities associated with good leadership. In this course, students continue their detailed study of the principles, traits, temptations, and styles of leadership. Included in the curriculum is a study of analysis of group dynamics, conflict resolution, counseling skills, money management, training formats and techniques of military instruction. Additional study is devoted to various management styles including Total Quality Management, management principles of the United States Marines, and business management. A more in-depth study of historical and current, world and local events is used to facilitate an understanding of our national security organization and requirements for national defense. Included in the curriculum is a continued study and analysis of the United States Constitution, along with an introduction to New York State laws, municipal administration, the judicial system and law enforcement. In addition to the classroom segments of the course, students will enhance their leadership skills by filling advanced leadership positions within the **JROTC** unit. Practical application in research, training, and counseling; and planning, implementing and supervising class programs is provided. An end of year departmental exam is required.

Prerequisite: JROTC I, JROTC II.

673 (P) ROTC III (Partial Credit)**1 Year (EOD)/1/2 credit**

This course mirrors 672 (F) and is offered as an alternative for students who can only attend **JROTC** every other day. An end of year departmental exam is required.

Prerequisite: JROTC I, JROTC II.

CAREER ACADEMICS-SPONSORED BY HFM BOCES

720 AUTO BODY REPAIR-11

3 ½ CREDITS

721 AUTO BODY REPAIR-12

3 ½ CREDITS

Students learn to repair and refinish damaged vehicles with I-car Advance Tech Training, Chief E-Z Liner Frame Equipment and HVIP Finish equipment. They also learn high-tech welding methods, flexible and rigid plastic repair, as well as how to calculate repair costs and establish estimates.

COURSE CONTENT: Students use hand tools, straightening equipment, fillers and welding equipment to repair automotive bodies.

They also learn how to make damage appraisals, repair plastic, use adhesives and spray equipment, along with the new equipment of resistance welding and pulling devices, paint mixing and portable lifting equipment.

722 AUTO TECHNOLOGY 11

3 ½ CREDITS

723 AUTO TECHNOLOGY 12

3 ½ CREDITS

Through our Automotive Service Excellence (ASE) certified and nationally recognized program, students learn theory and gain practical hands-on experience as they prepare for the workforce, further automotive training, or a technical military career.

COURSE CONTENT: The program offers high-tech diagnostic equipment, modern demonstration vehicles, work-study programs, preparation for New York State inspection licensing and ASE/NATEF certification, internships, auto manufacturer training, articulation with several colleges, adult retraining, regional automotive competition opportunities, live demonstrations from associated industries, and support from an active Automotive Advisory Committee. Responsible attendance is required for students to achieve success. As in real-work situations, students contribute towards maintaining a clean, safe, working environment at all times in the classroom and lab. Classroom activities adhere to the prescribed New York State Teaching Outcomes Proficiency (TOP) curriculum, and ASE and National Automotive Technicians Education Foundation (NATEF) task list. NATEF is a nationwide organization recognized as the standard of excellence in the industry. The course includes the theory and practice of the modern automobile: engines, carburetion, fuel injection, electrical systems and components, brakes, clutches, transmissions, steering, suspension, (front and rear), rear axle assemblies, air conditioning, routine service procedures and diagnosis, and computer control systems.

724 CAREERS IN EDUCATION 11

3 ½ CREDITS

725 CAREERS IN EDUCATION 12

3 ½ CREDITS

This two year program is intended to provide high school juniors with a beneficial transition from high school to college-level programs, leading to licensing/certification in the field of education. These occupations/certification areas include: teacher assistant; teacher; guidance counselor; occupational, speech or physical therapist; school psychologist or social worker; and school administrator

COURSE CONTENT: In the first year of the program, students will have an opportunity to job shadow professional educators in the following occupations: teacher assistant; teacher; guidance counselor; occupational, physical, or speech therapist; school psychologist or social worker; and school administrator. The second year of the program will provide students a professional internship experience in which students select one educational occupation and work with a professional in that particular field. Students will participate in the internship one half day per week for 20 weeks. Seniors will earn their 12th grade English credit through participation in this program.

726 COMPUTER INFORMATION TECHNOLOGY AND NETWORKING-IT ESSENTIALS 11- 3 ½ CREDITS

727 COMPUTER INFORMATION TECHNOLOGY AND NETWORKING-CISCO 12 - 3 ½ CREDITS

The Computer Information Technology and Networking program includes two courses: IT Essential taught in the junior year, and CISCO Certified Network Associate (CCNA) taught in the senior year. Both courses have the senior option, meaning either course can be taken separately by students in their senior year.

COURSE CONTENT:

The **IT Essentials course** is divided into two parts. The first covers core competencies in the latest hardware and software technologies, with emphasis on information security skills, safety and environmental issues and soft skills. It is aligned with the CompTIA A+ essentials exam. The second part is hands-on and lab-based and covers all three CompTIA job environment certification exams: IT Technician, Remote Support Technician and Bench Technician. Students completing the full course will be prepared to take all exams associated with the new updated CompTIA A+ certification.

The **CISCO Certified Network Associate (CCNA)** course curriculum emphasizes the use of decision making and problem solving techniques to resolve networking issues. CCNA students learn how to install and configure Cisco switches and routers in local and wide-area networks using various protocols, how to provide Level 1 trouble-shooting service and how to improve network performance and security. The CCNA curriculum provides training in the proper care, maintenance and use of networking software tools and equipment.

730 CONSTRUCTION TECHNOLOGY 11

3 ½ CREDITS

731 CONSTRUCTION TECHNOLOGY 12

3 ½ CREDITS

This is a two year program for students considering careers in construction. The curriculum meets the New York State Department of Labor and National Construction Curriculum Education and Research apprenticeship training requirements. Successful students may receive one year of apprenticeship training credit for prevailing wage jobs. Articulation agreements are in place with FMCC and SUNY Delhi. Successful students may also receive a NYS Technical Endorsement on their diplomas.

COURSE OF STUDY

In the first year, students rotate through a series of key construction trade areas, including construction core (basics in safety, blueprint reading, math, transit skills, etc.) masonry, carpentry, plumbing, electrical and alternative energy/green building.

In the second year, students may choose to focus on their occupational interests based upon their first year experiences. A one week internship and final project are required.

734 COSMETOLOGY 11

3 ½ CREDITS

735 COSMETOLOGY 12

3 ½ CREDITS

The cosmetology field offers good employment and earning potential for those who are willing to work hard and who enjoy working with people.

COURSE OBJECTIVE: Our basic objective is to offer men and women interested in a cosmetology career an educational opportunity with a curriculum directed towards the highest standards of excellence. This education is all-inclusive and provides the student with the philosophies, motivation, and skills to become exceptional in the cosmetology field. **Exclusive**

Class Offerings: *1000-hour cosmetology course, including 250-hour nail technology program,*Paul Mitchell Northeastern New York signature school for certification in perming, product knowledge, and business,*Internship program-students placed in various shops to experience on-the-job training, *Field trips to various hair shows and seminars, Teachers with practical experience under their guidance, hands-on training is the most effective means of teaching cosmetology skills, *Student counseling and special tutoring available, *State Board preparation-student bring model to class for exam.

736 CRIMINAL JUSTICE/SECURITY 11

3 ½ CREDITS

737 CRIMINAL JUSTICE/SECURITY 12

3 ½ CREDITS

Students can prepare for entry into college criminal justice or security management programs as well as career opportunities in law enforcement, public/private security and the correction fields. To enroll, high school seniors must have excellent school attendance, at least average grades, and must have completed the Regents Competency tests in reading, writing, and math. Students also must have visited the HFM Criminal Justice/Security program, must never have been arrested, and must be recommended by a high school guidance counselor or principal.

Note: Students who successfully complete this program may be eligible for advanced credits in criminal justice from Fulton-Montgomery Community College, Herkimer County Community College, Schenectady County Community College and Hudson Valley Community College.

COURSE CONTENT: Topics include criminal and civil law, fingerprinting, investigative methods, patrol functions, mechanical restraints, client contacts, emergency response and tactics, crisis management, the use of computers in private and public security, New York State Security officer training, First Aid and CPR, and related issues.

The program also includes guest lectures, field trips, and hands-on projects (such as fingerprinting, crime scene investigation, photography, plaster casts, and use of radar equipment.)

738 CULINARY ARTS 11

3 ½ CREDITS

739 CULINARY ARTS 12

3 ½ CREDITS

Culinary Arts is a fast growing industry with excellent employment potential for people who are willing to work hard. There are thousands of job openings annually and many possibilities for advancement.

COURSE CONTENT: The morning session covers principles of quantify food service and preparation of entrees, salads, soups and sauces, sandwiches and desserts. Instruction is also offered in sanitation, storeroom management and breakfast cookery. Participants gain hands on experience through the daily production of breakfast and lunch for students, faculty and staff at the BOCES Center. The afternoon session allows students to operate a café restaurant where they learn customer service, grade management, cake decoration, cake and pastry baking, meat and poultry preparation and career skills

741 DIGITAL MULTIMEDIA AND COMMUNICATIONS 11

3 ½ CREDITS

742 DIGITAL MULTIMEDIA AND COMMUNICATIONS 12

3 ½ CREDITS

This program represents a challenging and fast-paced industry, with a wide variety of new employment positions available each year. Students learn the principles of graphic production including: layout/design, typography, digital and film photography, electronic image editing, electronic/desktop , publishing/advertising, basic news gathering, multimedia design/production, basic 3D rendering, process camera techniques, basic photo offset processes, video camera/production/editing, basis sound mixing/editing. Macintosh and Windows platforms are used

744 ENVIRONMENTAL CONSERVATION 11

3 ½ CREDITS

745 ENVIRONMENTAL CONSERVATION 12

3 ½ CREDITS

Environmental conservation includes forestry and natural resources, the operation and maintenance of heavy equipment, and developing an understanding of environmental science issues. Students are offered a hands-on approach to exploring and understanding the complexities of science and math in a real work experience.

COURSE CONTENT: This program is designed to emphasize forestry, wildlife, surveying, and soil conservation, along with heavy equipment operation and maintenance. Much time is spent outdoors and students must be willing to participate in all types of weather. Extensive “hands-on” practical laboratory and field exercises such as heavy equipment operation, forestry management, wood processing, and wildlife management are critical parts of the program. Students learn to operate backhoes, bulldozers, trucks, tractors, chainsaws, a band saw mill, and a wide variety of other equipment. Entry-level mechanical skills used in parks and recreations are introduced along with basic small gasoline engine repair and maintenance.

747 EQUINE SCIENCE 11

3 ½ CREDITS

748 EQUINE SCIENCE 12

3 ½ CREDITS

This program involves students in all aspects of the horse world. Employment opportunities are readily available for eager Equine Science graduates. **COURSE CONTENT:** Students learn about the everyday care of horses, nutrition, animal systems, equipment, animal diseases, and parasites, anatomy and physiology, first-aid for horses, breeding, driving, and riding.

750 FOUNDATIONS OF FOOD SERVICE 11

3 ½ CREDITS

751 FOUNDATIONS OF FOOD SERVICE 12

3 ½ CREDITS

Students in this foundations program will learn basic entry level skills ideal for the fast food industry, institutional and supermarket settings. Students will receive classroom instruction and hands on training to prepare them for entry level employment. The curriculum will include safety practices for all equipment used in the kitchen environment. Good work habits, personal hygiene, professional sanitation techniques, basic knife skills and common food service practices will be taught. Students will explore interpersonal skills, career opportunities and other world of work habits essential for success on the job. Second year students will learn more advanced baking and food preparation techniques and have work study opportunities. It is essential that students entering this program have the ability to follow directions and safety procedures.

752 MEDICAL ASSISTING 11

3 ½ CREDITS

753 MEDICAL ASSISTING 12

3 ½ CREDITS

This two year program offers the student academic and clinical experience in the critical areas of medical assisting. The course is designed to present skills from most basic to more complex and prepares students for entry level employment as a medical assistant. Students in this program are introduced to a full range of activities and tasks that medical assistants may undertake. The students acquire a specialized body of knowledge, skills and attitudes that allow them to perform administrative and clinical procedures in a variety of healthcare settings. The New York State curriculum is followed. No prerequisite health occupation course is required and the program is designed so that second year students experience the more advanced areas of medical assisting.

783 NEW VISIONS HEALTH CAREERS ACADEMY 12**4 CREDITS**

This program is for students who want to go on to college in the health field and is open to high school seniors who have completed three years of math and science. Students receive an "inside look" at the diversity of health careers today through a yearlong program at Nathan Littauer Hospital and Nursing Home. Admission is based on a variety of factors, including the student having a demonstrated interest in the health care field, the maturity to work independently and in teams, demonstrated time management skills, the recommendation of a high school guidance counselor and principal, a written application including an essay summarizing the student's health care interests and experiences, and an interview with both the student and his or her parents. Students must have met all high school graduation requirements when beginning the New Visions Health Careers program.

COURSE CONTENT: Students observe the everyday operations of selected departments of Nathan Littauer Hospital and gain insight into what is expected of health care professionals on a daily basis. They learn the importance of being good problem-solvers, decision-makers, and team players in providing quality patient care. **PROGRAM OBJECTIVES:** Students who complete the New Visions Careers program should be able to speak and write in-depth about the connection between school and work; develop career plans based on the knowledge they have gained from their experiences; begin preparing for professional/technical careers; and apply their previously learned academic knowledge and skills to professional tasks and problems.

760 NURSING ASSISTING 11**3 CREDITS**

Through both classroom instruction and hands-on clinical experience, students prepare for employment in the health-care industry. Successful students are mature, dependable, and healthy and have good grooming and hygiene habits. Those who participate in the program will receive clinical experience in patient care at local health-care facilities. (Note: Proof of two measles, mumps and rubella vaccines, a TB test, and a current physical examination, are prerequisites for this program. A hepatitis vaccine is recommended.) **COURSE CONTENT:** Students in this one year program learn about human anatomy and physiology, elementary microbiology, nutrition, diseases and disorders of the human body, medical ethics, and receive experience in basic patient nursing care. They are also taught communication and leadership skills and gain experience in local health-care facilities. The New York State Health Occupations Education Core Curriculum is followed.

764 PRACTICAL NURSING 11**3 ½ CREDITS****765 PRACTICAL NURSING 12****3 ½ CREDITS**

This program allows students to prepare for a career in the physically demanding field of nursing. To be successful, students should maintain good attendance and have a positive attitude toward learning and working well with others. Note the following prerequisites: An overall average of 75 percent in English 9 and 10, social studies 9 and 10, biology, one year of math at 9th grade level or above (for adults) or two years of secondary math 9 for those still in high school). Students are encouraged to join the junior Red Cross or the Medical Explorer Club prior to enrolling. For more information, contact the Coordinator of Nursing at (518) 762-4633, ext. 168

COURSE CONTENT: Students learn various aspects of patient care. After completing a minimum of 1,200 hours of instruction and clinical experience, students can take the New York State Licensed Practical Nursing Examination. Clinical experiences are obtained at local health care facilities.

766 PRE-NURSING**3 ½ CREDITS**

The Pre-Nursing program is a one year program open to juniors or seniors that will be delivered in the afternoon session at the CTC. The program is designed to help students to improve their academic and practical skills to meet minimum entrance requirements for Licensed Practical or Registered Nursing programs. Pre-requisites: The student should have a 75% or higher overall academic average, completed one year of science, one year of math and have excellent attendance.

770 VEHICLE REPAIR AND MAINTENANCE**3 ½ CREDITS**

Students receive training in the general automotive service field and related specialty areas. Basic skills are emphasized leading to entry level employment. Students enrolled in this program learn basic automotive theory as well as safety and shop procedures in a guided, hands on environment. Repetition of basic skills is emphasized including the proper use of hand and power tools

OTHER

920 Yearbook 12
921 Yearbook 11

½ Year (ED)/1/2 Credit
Semester 2 ½ Year (ED)/1/2 Credit

Yearbook is a one semester elective. This course begins with formal instruction in the complete production of the yearbook and progresses to an in-class workshop where students work on the actual production of the yearbook. Students will gain experience in layout, design, photography, copywriting, and merchandising. Students are also introduced to the Desktop Publishing, Software, and Page Maker. This program is used by most large magazines for publishing.

Pre-requisite:

Good attendance is essential in order for students to successfully complete this course and for the yearbook publication deadlines to be met on a timely basis. Students who matriculate in this course will also be required to commit time outside of the regular scheduled class on such activities as:

1. Taking photographs (candids) during the school day.
2. Working with a professional photographer during the regular school session, various vacation periods, and during the summer, as needed.
3. Canvassing the community for yearbook advertisements.
4. Working on various fund raising activities.
5. Working to meet publisher's page submission deadlines.

Driver Education

Driver Education is a non-credit elective course approved by the Department of Motor Vehicles and the State Education Department offered to students at least 16 years old. Enrollment is based on year in school, with seniors given priority, date of birth, and availability to attend class at 7:00 a.m. The cost of the course is \$225.00. Maximum enrollment for the course is 24 students per semester. Class is offered in September and again in February. Driver Education includes 24 hours of lecture and 24 hours of laboratory time in the car. During the semester students can obtain a MV285 (5 hour course) needed to sign up for their road test and upon completion of the course a MV278 which allows students to drive after 9:00 p.m. upon turning 17 years old. The course is designed to educate young drivers on proper driving skills, attitudes and good and safe driving habits. Students will receive registration procedures with their schedule in the summer mailing. Registration for this course is conducted by the high school principal in September.