

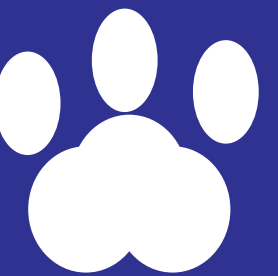
MONTICELLO

HIGH SCHOOL

COURSE CATALOG

2010

2011



Dear Parents, Legal Guardians and Students:

We hope this bulletin will help you as you begin to plan your academic schedule. We are fortunate that Monticello High School has a variety of course offerings to make your high school experience a rewarding one.

When choosing courses, a student should consider his/her academic ability, career goals, and required academy strands which will fulfill each student's needs as well as New York State graduation requirements.

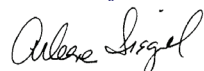
Students, parents and/or legal guardians are advised to meet with his/her high school guidance counselors who can assist in making appropriate course selections. Speaking to your student's current teacher can also be helpful.

PLEASE READ THE CURRICULUM BULLETIN CAREFULLY.

MAKE AN APPOINTMENT WITH YOUR GUIDANCE COUNSELOR TO CONFIRM YOUR COURSE REQUESTS.

Our administrative and professional staff members, supported by the Superintendent of Schools and the Board of Education, are dedicated to providing the highest quality of scheduling to meet the needs of all of our students.

Sincerely,



*Arleene Siegel
Principal*

2 Steps to Graduation

1 Earn 22 Academic Credits

- 4 credits English
- 4 credits Social Studies
- 3 credits Math
- 3 credits Science
- 1 credit Foreign Language
- 1 credit Art/Music
- ½ credit Health
- 2 credits Physical Education
- 3 ½ Academy Credits

2 Regents Exam Requirements**

- Integrated Algebra Regents
 - Science Regents
 - Global Studies Regents
 - American History Regents
 - Comprehensive English Regents
-

**For an Advanced Designation Regents Diploma

student must pass 2/3 Regents exams in Math and 2 Regents exams Science and one Foreign Language Regents.

***Students who entered grade 9 in 2007

have a local diploma option, however they must earn a 65 or higher on 4 of the 5 the required Regents exams. They may have a 55-64 on ONE of the required exams.

MONTICELLO HIGH SCHOOL
COURSE REQUESTS WORKSHEET 2010-2011

Name _____ Present Grade _____

Counselor: Manz Seidl Mannino Quick Truesdell
 A-GA GE-O P-Z Grade 9 Grade 9

Subject	Present Course	Course Request	Teacher Signature
ENGLISH			
SOCIAL STUDIES			
MATH			
SCIENCE			
FOREIGN LANGUAGE			
ART			
MUSIC			
BUSINESS			
FAMILY/CONSUMER SCIENCE			
TECHNOLOGY/PLTW			
BOCES			
HEALTH			
PE			
Driver Ed. (Gr.12)			

ACADEMY: LASA BUSINESS VISUAL/PERFORMING ARTS

STRAND _____

I have discussed next year's classes with my parents/guardians and have also consulted with my present teachers.

Student Signature _____



Elected Academy of Finance Strand

Today's business management professionals, entrepreneurs or corporate employees assume a broad range of responsibilities involving decision-making, communication, teamwork, financial and strategic planning. The AOF Pathway Students will explore college preparatory and knowledge based business applications in marketing, business economics, finance, organizational management, communications and entrepreneurship. Students will develop skills and knowledge that will ensure success in: problem solving, critical thinking and communication. The AOF provides ANY student with the basic knowledge to be a functioning, financially literate citizen.

The Academy of Finance is a highly specialized, nationally supported, financial education pathway. Students apply to this two-year program at the end of 10th grade. This program is a member program of the National Academy Foundation, which was founded in New York City by a partnership of schools and the financial services business. Our Academy works with local businesses and community leaders.

FEATURES:

- Interdisciplinary curriculum
- Emphasis on communication, problem solving and teamwork
- Field Trips
- Technology applications
- Guest speakers
- Community Service

Possible Career Interests

Accountant
Advertising Executive
Auditor
Bank Officer
Chief Executive Officer
Communications/Public Relations/ Media Specialist
Economist
Entrepreneur/Business Owner
Event Management
Hospitality and Tourism Executive
Human Resources Director
Investment Banker
Insurance Agent
Marketing Manager
Music/Business Executive
Payroll Manager

Elected Family and Human Services Strand

Family and Consumer Science course offerings relating to the Human and Public Services career cluster include: Human Services and Family Studies, Food and Nutrition, Gourmet Foods, Food and Culture, and Child Development. Students learn how to manage the challenges of living and working in a diverse, global society throughout their lives. The unique focus of this strand is on families, work, and their relationships. Students learn about: nutrition and wellness, parenting, personal development, family relations, life planning, and resource management. FACS courses are taught using a hands-on practical approach. The use of real-life relevant tasks, laboratories, simulations, and community involvement is an integral part of these courses. Students are actively involved in learning in a participatory, supportive environment and will have the opportunity to practice and develop skills related to the content topics.

Possible Career Options

Child Center Director
Childcare services
Elementary Education
Human Services
Preschool Teacher

Elected Food and Nutrition Strand

Family and Consumer Sciences course offerings related to the Food and Nutrition Career Cluster include: Lifespan Studies, Child Development, Food and Nutrition, Gourmet Foods, and Food and Culture. Students learn how to manage the challenges of living and working in a diverse, global society throughout their lives. Students learn about: nutrition and wellness, parenting, personal development, family relations, life planning, and resource management.

Possible Career Options

Caterer
Chef
Dietician
Event Management
Flavor researcher
Food Market Researcher
Food Safety Management
Food Sales
Nutritionist
Restaurant Ownership/Management

BUSINESS ACADEMY

COURSES YOU WILL TAKE IN EACH STRAND FOR THE NEXT 3 YEARS

ACADEMY OF FINANCE

ELECTED STRAND ACADEMY OF FINANCE

10

Business and Entrepreneurship for the 21st Century

11

Accounting

Business Economics/ Financial Services

Internship: After successfully completing their junior year, students are eligible for a paid internship at a local business. Students receive school credit for successfully completing this experience. Placement is not guaranteed.

12

Required AOF Classes:

Financial Decision Making (1/2)

International Business (1/2)

Marketing and Computer Applications (1/2)

SCCC Business Communications (full year)

SCCC Business Law I (one semester)

Optional

SCCC Financial Accounting

SCCC Business Law II

FAMILY & CONSUMER SCIENCE

ELECTED STRAND FAMILY AND HUMAN SERVICES

Intro to Human Services/Career and Financial Management

ELECTED STRAND FOOD AND NUTRITION

Intro to Human Services/Career and Financial Management

Child Development and Early Childhood Education

Lifespan Studies
Cooperative Work Experience

Basic Food Preparation and Nutrition
Gourmet Foods
Food and Culture

Any other family and consumer science class

Business and Entrepreneurship for the 21st Century

Any other family and consumer science class



Elected Humanities Strand

During the Renaissance period in European history, an intellectual movement known as humanism paved the way for the return to Greco-Roman learning. “Humanists believed that education should stimulate the individual’s creative power” (World History: Connections to Today). The studia humanitas, or humanities, focused in on subjects such as grammar, rhetoric, poetry, and history. Humanists studied these subjects with a critical eye and related what they studied to their own experiences. Our studia humanitas will provide students with a variety of activities geared to developing computer, research, and presentation skills as well as opportunities to explore areas in the Humanities. These areas include, but are not limited to: The Art of Teaching, Writing, Law & Justice, History, Public Speaking, and Debate.

Elected Project Lead the Way Strand (part of STEM)

In order for students to be competitive and acquire jobs in a Global Economy in the 21st Century, there is an increased demand for students to take higher level Math, Science, and Technology (MST) classes. For example, MST skills were used to develop the software for the I-Phone and Blackberry to slide information across the screen. In the next 5-10 years, our students will have an opportunity to enter career fields that currently do not exist using technology that currently does not exist because of changing developments in MST. The MST strand will help prepare the foundation skills students will need for 21st Century jobs by providing students opportunities to explore areas in Mathematics, Science, and Technology. These areas include, engineering, pre-med, medicine, NASA, forensic science, green technology, nanoscience, pharmaceuticals, as well as other emerging technologies.



Elected STEM Strands

The Monticello High School Mathematics and Science Departments offer several pathways for students to meet the requirements for graduation. All students are required to have three credits of mathematics and three credits of science for graduation. The Science and Mathematics Department provide each student with the content knowledge and problem-solving skills necessary to be successful in this 21st Century Global Economy.

In science, Regents and college courses have a laboratory requirement in addition to the classroom instruction. Local courses have laboratory work and activities integrated into the regular classroom instruction. A minimum laboratory requirement must be satisfied for admittance to State Regents Science Examinations.

Successful completion of a mathematics course is achieved by passing each course. For a Regents Diploma, students are required to pass one of the following NYS Regents exams: Integrated Algebra, Geometry, or Algebra 2 & Trigonometry with a grade of 65 or higher. For students to graduate with the more Advance Regents Diploma (Mathematics with Distinction), students must pass the Integrated Algebra, Geometry, and Algebra 2 & Trigonometry Regents Exams.

LIBERAL ARTS ACADEMY

COURSES YOU WILL TAKE IN EACH STRAND FOR THE NEXT 3 YEARS

HUMANITIES

Graduation Requirements
NOT an ELECTED strand

ELECTED STRAND
Humanities

10

Either 10 ELA or 10H ELA

Either 10 ELA or 10H ELA

Either 10 Global Studies or 10 H
Global Studies

Either 10 Global Studies or 10 H
Global Studies

11

Either 11 ELA or 11AP ELA

Either 11 ELA or 11AP ELA

Either 11 US History or 11 SUPA US
History

Either 11 US History or 11 SUPA
US History

12

1 full Credit- either 2 half year course or 1 full
year course
Choices are :

Children's Literature (1/2)
English 12 (1/2)
Public Speaking (1/2)
Science Fiction (1/2)
Shakespeare (1/2)
Sports Literature (1/2)
Writing 1 (1/2)
Writing 2 (1/2)-Writing 1 is a pre-requisite
Journalism (1)
SUPA CLS 105
SUPA Writing 105
SUPA English 141

Either PIG and/or SUPA PAF
And
Either ECO and/or SUPA ECO

2 full Credits- any combination of ½ year
and full year electives to make 2 full
credits.

Choices are:
Children's Literature (1/2)
English 12 (1/2)
Public Speaking (1/2)
Science Fiction (1/2)
Shakespeare (1/2)
Sports Literature (1/2)
Writing 1 (1/2)
Writing 2 (1/2)-Writing 1 is a pre-requisite
Journalism (1)
SUPA CLS 105
SUPA Writing 105
SUPA English 141
Either PIG and/or SUPA PAF
And
Either ECO and/or SUPA ECO

Other SS electives available are:
SUPA Psychology (1/2)
SUPA Sociology(1/2)

SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS

ELECTED STRAND Math and Science

Design and Drawing for Production (DDP)*
 Geometry
 Geometry w/ Lab
 Intermediate Algebra 2***
 Algebra 2 and Trigonometry**
 Earth Science
 Chemistry**
 Physics**
 *Design and Drawing for Production (DDP) is a course in this pathway. This does fulfill the 1 credit of art or music for meeting graduation requirements
 **Accelerated Student
 *** Must meet criteria

ELECTED STRAND Project Lead the Way

Design and Drawing for Production (DDP)*
 Principles of Engineering (POE)**
 Digital Electronics (DE) [future course]
 Civil Engineering and Architecture (CEA)***
 Coming Soon
 Computer Integrated Manufacturing
 Biotechnical Engineering
 Engineering Design and Development
 *Does fulfill the 1 credit of art or music for meeting graduation requirements
 ** Pre-Requisite – Design and Drawing for Production (DDP)
 *** Pre-Requisite – Principles of Engineering (POE) or concurrent enrollment in POE.

ELECTED STRAND Green Construction

Design and Drawing for Production
 SCCC Introduction to Renewable Energy Systems*
 Green Chemistry
 Environmental Science

 Design and Drawing for Production (DDP) is the first course in this pathway.
 * Pre-Requisite – Design and Drawing for Production (DDP) or concurrent enrollment in DDP

Algebra 2 and Trigonometry
 SCCC Pre-Calculus**
 SCCC Statistics
 Intermediate Geometry
 Chemistry
 Physics
 Practical Physics
 Bio-Tech
 SCCC Chem 1 & 2**
 SCCC Physical Geology**
 SUPA Forensics***

Design and Drawing for Production (DDP) is a course in this pathway. This does fulfill the 1 credit of art or music for meeting graduation requirements
 **Accelerated Student
 *** Must meet criteria

Design and Drawing for Production (DDP)*
 Principles of Engineering (POE)**
 Digital Electronics (DE) [future course]
 Civil Engineering and Architecture (CEA)***
 Coming Soon
 Computer Integrated Manufacturing
 Biotechnical Engineering
 Engineering Design and Development

** Pre-Requisite – Design and Drawing for Production (DDP)
 *** Pre-Requisite – Principles of Engineering (POE)

Design and Drawing for Production

 SCCC Introduction to Renewable Energy Systems

 SCCC Introduction to Green Buildings*

 Green Chemistry
 Environmental Science
 Digital Electronics (DE) [future course]

 Design and Drawing for Production (DDP) is the first course in this pathway.

 *Pre-Requisite – SCCC Introduction to Renewable Energy Systems

SCCC Pre-Calculus
 SCCC Statistics
 SCCC Calculus**
 College Prep Math***

Chemistry
 Physics
 Practical Physics
 Bio-Tech
 SCCC Chem 1 & 2**
 SCCC Physical Geology**
 SUPA Forensics***

Design and Drawing for Production (DDP) is a course in this pathway. This does fulfill the 1 credit of art or music for meeting graduation requirements
 **Accelerated Student
 *** Must meet criteria

Design and Drawing for Production (DDP)*
 Principles of Engineering (POE)**
 Digital Electronics (DE) [future course]
 Civil Engineering and Architecture (CEA)***
 Coming Soon
 Computer Integrated Manufacturing
 Biotechnical Engineering
 Engineering Design and Development

** Pre-Requisite – Design and Drawing for Production (DDP)
 *** Pre-Requisite – Principles of Engineering (POE)

Design and Drawing for Production

 SCCC Introduction to Renewable Energy Systems

 SCCC Introduction to Green Buildings*

 Green Chemistry
 Environmental Science
 Digital Electronics (DE) [future course]

 Design and Drawing for Production (DDP) is the first course in this pathway.

 *Pre-Requisite – SCCC Introduction to Renewable Energy Systems

ACADEMIES

VISUAL & PERFORMING ARTS ACADEMY



The Visual and Performing Arts Academy is designed for everyone; those aspiring to careers in the arts and those considering any career that requires problem solving, teamwork, clear thinking and effective speaking. The Academy pathways provide a rigorous program that allows students to participate in a variety of courses.

Philosophy of the Visual and Performing Arts Academy

The visual and performing arts are diverse fields of study that share knowledge, skills and ways of thinking. The arts explore many facets of the human experience. They are a way of expressing an individual's grace, perception, creativity and ideas. Through participation and study of the arts, students develop the ability to communicate a wide array of human experience. Students recognize and appreciate the aesthetic qualities of the arts and the importance of the arts in expressing and illuminating societal values.

Program Goals

Students who choose to participate in the Monticello High School Visual and Performing Arts Academy will:

- Meet all Commencement Standards for the Arts
- Experience Community and collaboration
- Develop positive personal relationships
- Explore avocation and vocational opportunities
- Create potential to define self and develop one's own vision
- Critically examine the world

Co-curricular Activities

- Art Junkies
- Drama Production
- Musical Production
- Stage Crew
- Jazz Ensemble
- Guitar Ensemble
- Chamber Choir
- Chamber Singers
- Summer Internships
- Dance Company
- Performing Arts Booster Club

Elected Performing Arts Strands

The Performing Arts inspires and develops the intellectual and creative potential of our students. Recently sited as one of the top 100 Music Education programs in the country, Monticello High School offers a comprehensive and high quality program of courses in Music, Dance, and Drama.

As part of the Performing Arts program, students are given the opportunity to perform in varying types of both small and large ensembles. In addition, several performing arts electives include small group lessons that students take once a week. These lessons rotate by period through the week and are scheduled during the school day as part of the course requirement. Students are expected to practice daily in preparation for their lessons. These lessons allow students to receive individual attention, and reinforcement of the physical and mental skills needed to succeed in their performance based course.

The Performing Arts Strands celebrate the individual

Students with multiple interests are encouraged to create their own pathway with the guidance of the Performing Arts Academy faculty. For example Performing Arts pathways may include but are not limited to:

- Business
- Science (Sound Engineering)
- English (Author)
- Performing Arts Combinations (Dance, Drama, Music)

Elected Visual Arts Strand

The visual arts is a vast and exciting field. The visual arts pathway is for students who like to draw, paint, work on the computer, create and who would like to express their ideas through creating images. This pathway is balanced in that you will have experiences in both traditional **fine arts** and **graphic design**. You can use this pathway to express yourself, to enhance a different career such as business, or you can use this pathway to prepare yourself for an exciting career in the visual arts by preparing your college portfolio.

By sequencing our courses you are being offered a program that provides you with the breadth and depth to take your interest in the visual arts as far as you would like to. We recommend you take both level 1 courses as soon as you can so you can create the balance in drawing and design that we know is critical to success in the visual arts.

** Students wishing to major in visual art (Animation, Graphic Design, Industrial Design, Painting, Photography, New Media, Architecture, Digital Photography, Commercial Art, Visual and Cultural Studies, Illustration, Medical Illustration, and Theatre Design) in college must take both Design and Media 1 and 2 course and Drawing and Painting 1 and 2 as soon as possible in order to prepare a portfolio by the Fall of their senior year.

*** Students wishing to major in Architectural Design in college must take the Level 1 and Level 2 courses as soon as possible because an art portfolio is required for admission.

VISUAL & PERFORMING ARTS ACADEMY

COURSES YOU WILL TAKE IN EACH STRAND FOR THE NEXT 3 YEARS

10

ELECTED STRAND Dance

Introduction to the Performing Arts
II (Dance/Drama Emphasis)

Beginning Dance I or II

ELECTED STRAND Drama

Introduction to the Performing Arts
II (Dance/Drama Emphasis)

Basic Acting I or II

11

Must take both
Intermediate Dance I
Elements of Dance and Theatre I

Must take both
Intermediate Acting I
Elements of Dance and Theatre I

12

Must take both
Intermediate Dance II (Lesson In-
struction Required)

Elements of Dance and Theater II

Must take both
Intermediate Acting II
Elements of Dance and Theatre II

ELECTED STRAND
Music

Performing Groups Available (lesson instruction required) Band, Orchestra, Concert Choir, Women's' Choir, Performance Ensemble (keyboard & guitar)
Chamber Orchestra available by recommendation

Minimum of one Performing Group

and one of the following

- Chamber Orchestra
- Music Technology I

Music Advanced Sequence Grade 11 and 12:

Minimum of one Performing Group
and one of the following:

AP Music Theory with
IS Chamber Orchestra Lab

or

SCCC Music History with IS Chamber
Orchestra Lab

Music General Sequence Grade 11 and 12

Minimum of one Performing Group,
Performance Ensemble I, II

or

Music Technology II, III

and

Comprehensive Foundations with Performance Skills III

or

SCCC Music History with IS Chamber
Orchestra Lab

or

Music Technology II, III

ELECTED STRAND
Visual Art

Only Studio in Art may be used as the art pre-requisite

Design and Media 1
and/or
Drawing and Painting 1

* if students have not taken Studio in Art yet, they may take it in 10th grade with 1 of the above electives

** Students wishing to major in visual art (Animation, Graphic Design, Industrial Design, Painting, Photography, New Media, Architecture, Digital Photography, Commercial Art, Visual and Cultural Studies, Illustration, Medical Illustration, and Theatre Design) in college must take both of the above courses as soon as possible in order to prepare a portfolio by the Fall of their senior year.

*** Students wishing to major in Architectural Design in college must take the above courses as soon as possible because an art portfolio is required for admission.

Design and Media 2
and/or
Drawing and Painting 2

Students could take a third art elective, however, portfolio prep is encouraged instead of a 3rd class.

Advanced Placement (AP) Studio in Art

**Summer assignments are given at the end of Junior year to be completed by Fall.*

and/or

BigCatGroup (Advanced Studio in Art)

*requires some participation in visual arts activities outside of the classroom as this is a course that is conducted as an art and design group and functions as a business as well as a visual art promotional group.

and/or any one of our additional courses:

Black and White Photo 1 and/or 2

Sculpture

Jewelry

ARTS

PERFORMING ARTS

The Performing Arts inspires and develops the intellectual and creative potential of our students. Recently sited as one of the top 100 Music Education programs in the country, Monticello High School offers a comprehensive and high quality program of courses in Music, Dance, and Drama.

DANCE

Beginning Dance I and II

Full year; 1 HS credit; 0 college credits

Beginning dance provides an in-depth introduction to dance. This dance class is designed to expose new dancers to multiple styles of dance including ballet, jazz, modern/contemporary, and hip hop. Student learning includes opportunities to develop kinesthetic awareness, proper body alignment, physical strength, flexibility, and endurance. Dance elements and basic principles of composition are studied and practiced. Students use creative and critical thinking skills to create and communicate meaning through dance movement. Students experience the role of both choreographer and dancer and have opportunities to present their work. Through the study of dance in various cultures and historical periods, students broaden their understanding of dance as an art form. Throughout the year students will have the opportunity and will be expected to participate in performances. All female students in beginner dance need ballet slippers or

jazz shoes, tan tights, and a black leotard. All male students need dance shoes, black fitted jazz pants, and a white v-neck t-shirt. No pre-requisites are required for this course. (grades 9-12)

Elements of Dance and Theatre I

Full year; 1 HS credit; 0 college credits

The Elements of Dance and Drama course is designed for students interested in furthering their exploration of Dance and Drama and the relationship between these two performance disciplines. The scope of this course offers students an introductory study of dance and drama in terms of history, styles, criticism, technical and stage production, choreography/blocking, and the cultural influences of these two performance genres. There will be focus on future performance opportunities through resume building, electronic portfolios, auditioning techniques, dance and acting for the camera/technology, and simple web design. The pre-requisite for this course is Introduction to the Performing Arts (grades 10-12).

Elements of Dance and Theatre II

Full year; 1HS credit, 0 college credits

Elements of Dance and Drama II is specifically designed for students who are serious and wish to continue one or both disciplines. Students will demonstrate their understanding of what was learned in The Elements of Dance and Drama I by directing and designing all areas of their own

stage and camera performances. In addition, students will be required to communicate their understanding of the academic aspects of both disciplines by holding workshops for core curriculum classes that focus on how dance and drama can be used to reinforce the knowledge learned in those core subjects. Actors and dancers will continue to use their understanding of auditioning techniques and portfolio design to apply for desired colleges (grades 11-12).

Intermediate Dance I

Full year; 1 HS credit; 0 college credits

The Intermediate dance course is designed to increase the ability of the devoted dancer. It emphasizes students' acquisition of intermediate movement skills and refined motor control through the study of various dance techniques, including ballet, modern/contemporary, jazz, lyrical, and hip hop. Students further their development of skills progressing from beginning dance, through exploration of improvisation, dance elements, and composition as both dancer and choreographer. Students extend their understanding of dance as an art form through consideration of aesthetic and philosophical perspectives. Further awareness is enhanced through the study of dance kinesiology, dance history, cultural dance, Laban Movement Analysis, Choreography, and Dance and Technology. Throughout the year students will have the opportunity and will be expected to participate in performances. The prerequisites of this class are an understanding of

dance terminology, completion of the beginner dance class and/or teacher recommendation. All female students in beginner dance need ballet slippers or jazz shoes, tan tights, and a black leotard. All male students need dance shoes, black fitted jazz pants, and a white v-neck t-shirt. (Pre-requisite Beginner Dance, grades 10-12)

Intermediate Dance II

(Lesson Instruction required)

A continuation of Intermediate Dance I with the addition of lessons.

DRAMA

Basic Acting I and II

In this course, students will learn basic acting techniques and terminology. They will work on proper breathing and both vocal and physical warm-ups suitable to theatre. They will learn how to perform, critique and analyze their own as well as other students' performances. They will learn how to develop character and incorporate choices into their performances. They will prepare a comic and dramatic monologue as well as various scenes. Grades 9-12 Full year. 1 High School Credit

Intermediate Acting I and II

In this class, students will continue to learn acting techniques and scene study as well as more sophisticated techniques and terminology. They will analyze and interpret their characters independently and thoroughly and be able to explain and defend their choices. Students will

learn more advanced self and peer assessment techniques of performances and make changes on their own. They will learn basic directing skills, how to create and implement their interpretation of assigned scenes from a stage director's perspective, block a scene while directing other actors in rehearsals. These scenes will be presented as a project to be graded on their directing techniques and acting in another scene.

Pre Requisite: Basic Acting. Grades 10-12, Full Year. 1 High School Credit.

Elements of Dance and Theatre I

Full year; 1 HS credit; 0 college credits

The Elements of Dance and Drama course is designed for students interested in furthering their exploration of Dance and Drama and the relationship between these two performance disciplines. The scope of this course offers students an introductory study of dance and drama in terms of history, styles, criticism, technical and stage production, choreography/blocking, and the cultural influences of these two performance genres. There will be focus on future performance opportunities through resume building, electronic portfolios, auditioning techniques, dance and acting for the camera/technology, and simple web design. The pre-requisite for this course is Introduction to the Performing Arts (grades 10-12).

Elements of Dance and Theatre II

Full year; 1HS credit, 0 college credits

Elements of Dance and Drama II

is specifically designed for students who are serious and wish to continue one or both disciplines. Students will demonstrate their understanding of what was learned in The Elements of Dance and Drama I by directing and designing all areas of their own stage and camera performances. In addition, students will be required to communicate their understanding of the academic aspects of both disciplines by holding workshops for core curriculum classes that focus on how dance and drama can be used to reinforce the knowledge learned in those core subjects. Actors and dancers will continue to use their understanding of auditioning techniques and portfolio design to apply for desired colleges (grades 11-12).

MUSIC

Comprehensive Foundations

This one credit course is divided into two phases. Phase I is accomplished during the Intro to the Performing Arts for music majors. Phase II is taken in conjunction with Performance Skills III. The focal points involve: 1. the study of theory through analysis; 2. the use of composition in developing insights into great musical works; 3. the development of an awareness of music as an art in a historical context; 4. the development of aural-visual skills needed in per-

formance and analysis; 5. ample experience is listening, composing, arranging and conducting. Pre Requisite: Intro to the Performing Arts and Performance Skills II 1 credit. Knowledge Course for General Sequence Commencement Regents Sequence

Introduction to the to the Performing Arts

The primary purposes of this course is to: develop the fundamental knowledge and skills required to participate in the performing arts as performers, creators and audience members; give students the opportunity to gain experience in the three strands, music, dance and drama; develop an awareness of the careers available in the performing arts; develop aesthetic sensitivity. Students will choose modules that focus on ensemble playing, dance, drama, technology and business aspects of the performing arts. This course must be taken prior to entering the Performing Arts Academy.

It must be taken by students who took Grade 8 Accelerated Music In Our Lives to complete the Music High School Graduation Requirement.

Full Year, 1 credit per year

Knowledge Courses

Music Technology I

This course is for students who are interested in exploring the science of sound through the use of technology. This course uses Mac computers and electric keyboards

with MIDI hookups to explore and work with sound. During the year students will work with software such as: Audacity, Garage Band, Finale, and I Movie to analyze, edit and record sound and video. Students will use MIDI sequencing, foley sounds, digital audio and electronic musical instruments to create various music projects. Full year: 1 credit.

Music Technology II

This course is an advanced continuation of Music Technology I. During this course the students will take on larger projects as well as work with new software. Pre-requisite: Music Technology I. Full year: 1 credit

Advanced Placement Music Theory

This course is designed for the student who is fluent in music reading. Demands of this course are comparable in content and expected level of accomplishment to a first year college music theory course. Strong emphasis is given to listening skills, particularly those involving recognition and comprehension of the musical elements and compositional techniques. Pre requisite: Permission of Instructor or Summer Work. Grade 11 & 12, full year: 1 credit.

SCCC History of Music in the Western World

Designed for the serious music student, this full year course surveys the music of the Middle Ages through the present in cultural and stylistic context. This hands-

on course develops informed listening skills to help students understand the changes in musical style and compositional technique over the centuries. Students will listen to, perform and compose works from plainchant to the present. Students will also explore the history, social, political and technological events to help them understand the context in which composers and performers created their music. Pre-requisite One year of Performing Arts or Permission of Instructor. full year; 1 High School Credit, 3 SCCC Credits.

Performance Courses

As part of the Performing Arts program, students are given the opportunity to perform in varying types of both small and large ensembles. In addition, several performing arts electives include small group lessons that students take once a week. These lessons rotate by period through the week and are scheduled during the school day as part of the course requirement. Students are expected to practice daily in preparation for their lessons. These lessons allow students to receive individual attention, and reinforcement of the physical and mental skills needed to succeed in their performance based course.

Performance Skills I

This course is designed for continued study on instruments not generally used in the traditional Performing Organizations. Available for study are: soprano/alto/

tenor/bass recorder; keyboard instruments (piano, electric keyboard) and guitar. Students will learn repertoire representative of different musical styles, balanced with written theory and listening skills. Participation in NYSSMA Evaluation and taking advantage of performing opportunities is strongly encouraged. Rotation Lessons required.

Pre Requisite: permission of instructor

Grades 10-12, full year course, 1 credit

Performance Skills II and III

These courses are a continuation of Performance Skills I. Rotation Lessons required. Pre Requisite: permission of instructor. Grades 10-12, full year course, 1 credit

Concert Band

Concert Band is an organization composed of wind and percussion students only. Students will learn an extensive repertoire representing the best of the world's music, balanced by attention to theory, skill development and listening. The group participates in school concerts, assemblies, civic events and NYSSMA Evaluation Festival. Pre requisite: Participation in Middle School performing groups OR an audition. Rotation Lessons required. Grades 9-12 full year, 1 credit

Wind Symphony

Wind Symphony is a pull out of concert Band composed of the most advanced wind and percussion students. Students will learn an extensive repertoire represent-

ing the best of the world's music, balanced by attention to theory, skill development and listening. The group participates in school concerts, assemblies, civic events and NYSSMA Evaluation Festival. Pre Requisite: Students are selected to be members of this organization by the instrumental faculty. Grades 9-12

Orchestra

The Orchestra is an organization composed of string students only. Through contact with an extensive repertoire of String Orchestra music, this organization provides the students with the opportunity of performing in school concerts, the annual spring musical, civic events and the NYSSMA Evaluation Festival. Pre requisite: Participation in Middle School performing groups OR an audition. Rotation Lessons required. Grades 9-12, full year, 1 credit.

Chamber Ensemble

This course is designed to enrich the advanced performance student. Students work in small ensembles designed by instructors. Pre requisite Recommendations of Instructors, full year, 1 credit.

Concert Choir

Participation in this organization will provide students with an advanced choral music experience. Emphasis is on listening skills, proper vocal technique, music reading, basic terminology and concert preparation. This group participates in school concerts, assemblies, civic events and the NYSSMA Evaluation Festival. Pre

requisite: Audition. Rotation Lessons required. Grades 9-12, full year, 1 credit

Women's Chorus

This course is designed to improve basic music skills; listening skills, proper vocal technique, music reading, basic terminology. This group will sing all types of music. Students have the option to take Concert Choir in addition to Women's Chorus, with teacher permission. Rotation Lessons required. Pre requisite: Audition. Grades 9-12, full year, 1 credit

VISUAL ARTS

ADVANCED STUDIO IN ART ALSO KNOWN AS "BIG CAT GROUP"

Full year; 1 HS credit; 0 college credit

This course is for seniors, and juniors-via invitation, who have participated in the visual arts pathway. It is recommended that you complete level 1 and 2 of one or more of the pathway sequences before you take this course; except for the invited juniors. This course will focus on taking medium and concepts explored in Studio in Art and the level 1 courses further by applying those mediums and concepts to "real-world" experiences. This course is conducted as if it were a real art and design studio called: "BigCatGroup" where clients are sought out and worked with in a manner reflective of real art and design practice. In addition to

regular assignments students will actively seek out projects in our school and community. Portfolio development is a requirement of this course as is participating on projects outside of the classroom.

ADVANCED PLACEMENT (AP) STUDIO IN ART

Full year; 1 HS credit; 3 possible college credits

This course is designed to match the level of quality, concentration and breadth of the first year college art student in the courses of Drawing and/or 2-D Design. The amount of time spent outside of school is equivalent to that of what is expected on the college level. Students are expected to develop their own ideas and solutions to problems, create their own problems to solve through creation of work and create work that demonstrates maturity in the use of materials and ideas. Students will create a portfolio that includes work from summer assignments, assignments given by the instructor during the school year as well as work completed independently. For Seniors only; requires a fee; experience in Visual Arts courses recommended; a portfolio review of candidate work is required in May and June of the Junior year for the purposes of goal setting for the student. Please arrange an appointment with the AP teacher as soon as possible. There is a per-credit fee for this course.

BLACK AND WHITE PHOTOGRAPHY 1

1/2 year; 1/2 HS credit; 0 college credits

YOU NEED YOUR OWN 35mm

SLR FILM CAMERA TO TAKE THIS COURSE;

you could borrow one from a family member or friend rather than purchase one. The art department has VERY few of these that will be made available to students. Students who borrow a school camera will not be allowed to use it outside of the school which limits your photo shooting experience, therefore it is recommended that you borrow one. This course will be an actual darkroom experience with black and white film. Students will compose, shoot, process and develop pictures in the art department's darkroom. Emphasis will be on shooting techniques and darkroom manipulation techniques. Prerequisite: Studio in Art; 35mm SLR camera; one composition notebook; and photo album.

BLACK AND WHITE PHOTOGRAPHY 2

1/2 YEAR; 1/2 HS credit; 0 college credits

YOU NEED TO PROVIDE A CAMERA TO TAKE THIS COURSE

This is a continuation of Photo 1. You will photograph still life, portraiture and manipulate photos in the dark room. Prerequisite: Photo 1; composition notebook; photo album; and camera

DESIGN AND MEDIA 1

full year; 1 HS credit; 0 college credits

This course is part of a visual arts pathway. This course explores a thematic approach to Graphic Design to begin the foundation for thinking and behaving like a designer who seeks to solve visual solutions through research, sketching and planning, execut-

ing and evaluating ideas. Students work in Adobe software: Photoshop, Illustrator, and InDesign on a Mac computer but will also use traditional materials such as acrylic paint to execute projects.

DESIGN AND MEDIA 2

full year; 1 HS credit; 0 college credits

This course is part of a visual arts pathway. You must complete Design and Media 1 before you take this class. Today's Graphic Designers are called upon to perform a wide variety of multi-media designs, products, and displays. This course is designed to build upon student's experience in the process of art from Design and Media 1 and will apply those techniques to more sophisticated design assignments that include design theory. Design history and theory including: color, figure/ground relationships, typography, and grid systems will be explored in a variety of media. Using symbol and metaphor to communicate themes and ideas will also be explored. Students will also be creating a themed book, a "Zine" that uses design theory and technique. As a culmination of this experience students will create a thesis project of choice as well as a design campaign, which will include everything the designer needs to promote their thesis project. Students will continue to learn the Adobe Suite: Photoshop, Illustrator, and InDesign.

DRAWING AND PAINTING 1

Full year; 1 HS credit; 0 college credits

This course is for students interested in developing artistic skills

in 2-D medium. This is a theme based drawing and painting course. Students will use various mediums through drawing and painting including pencils, pastels, and oil paints. Students will also develop their art using portraiture, still-life, interiors, landscape and abstraction as a means of personal expression. Prerequisite: Studio in Art; pencils and erasers required.

DRAWING AND PAINTING 2

full year; 1 HS credit; 0 college credits

This course is designed to take students through a deeper experience in developing and improving drawing and painting skills. Thematically, this course will parallel 11th grade ELA and SS. Students will use the figure, landscapes and other life drawing resources to develop their own visual expression. Mediums used during this course include oils and watercolor, pastels, graphite, charcoal, and colored pencil. Sturdy sketchbook, pencils and erasers required.

JEWELRY

1/2 year; 1/2 credit; 0 college credits

Jewelry will be explored by using a large variety of materials such as hemp, clay, lanyard and wire. Students will learn basic techniques along with more advanced processes for successful jewelry designs. Prerequisite: Studio in Art, sketchbook required.

SCULPTURE

½ year; ½ HS credit; 0 college credits

The sculpture course is designed to introduce students to the many schools of sculpture and to encourage students to express and develop original ideas applicable to three dimensional material. The method of joining will play a significant role in the development of sculptures. Course emphasis is on carving and construction. Prerequisite: Studio in Art; sketchbook required.

STUDIO IN ART

full year; 1 HS credit; 0 college credits

Studio in Art is a foundation course created to bring together experiences in: creating, viewing, and critiquing art as well as examining art history and aesthetics. Students will enjoy a range of traditional themes which could include: portraits, landscapes, the Elements and Principles of Design, and the still-life. These themes will be explored in a variety of mediums such as pencil, colored pencil, collage, paint, and relief sculpture. Students who complete "Studio" who wish to explore, discover, create and experience art in a more in depth manner are encouraged to take electives in art. Students are required to purchase pencils and erasers.

THIS COURSE MEETS THE NYS GRADUATION REQUIREMENT FOR ONE CREDIT IN THE ARTS.

THIS COURSE IS ALSO THE PREREQUISITE FOR ELECTIVES IN VISUAL ART AS WELL AS THE VISUAL ARTS PATHWAY, AS THIS ENSURES A STUDENT'S INTEREST AND SUCCESS IN THE ELECTIVE COURSES. IT IS STRONGLY RECOMMENDED THAT STUDENTS TAKE THIS COURSE IN 9TH GRADE.

BUSINESS

BUSINESS AND ENTREPRENEURSHIP FOR THE 21ST CENTURY

Full year; 1 HS credit; 0 college credits

This course is designed to teach the essentials of the daily operations and recordkeeping of a small business. Knowing how business works will be of great value in any future employment. The characteristics of successful entrepreneurs will be discussed. You will learn the importance of recognizing opportunities and will learn the importance of being open to creative solutions. In addition, you will spend time becoming proficient in keyboarding and learning basic business computer applications. You will also participate in the Mean Jeans business simulation.

COMPUTER APPLICATIONS/ MULTIMEDIA

Full year: 1 HS credit 0 college credits

This course is a survey course where students will gain an advanced understanding of, word processing, spreadsheets, database, internet usage, telecommunications, multimedia, web page design, graphics, photographic editing, emerging technologies and research techniques. This content will be taught through the lens of business applications. **SCCC BUSINESS LAW I (Business 1501)**

1/2 year; 1/2 HS credit; 3 SCCC credits

The first part of this course is concerned with the legal environment within which business must function. It is concerned with the structure of our existing laws and court systems, the legal processes by which laws are made and applied to actual controversies. The balance of the course is devoted to the subject of contract law and covers aspects of the rights and responsibilities of the parties to a contract. Throughout the course, students survey current business law topics as they occur in the business world. Seniors only. There is a per-credit fee for this course.

SCCC BUSINESS LAW II (Business 2502-1)

1/2 year; 1/2 HS credit; 3 SCCC credits
This course surveys topics governed by the uniform Commercial Code. Topics include the law of sales and commercial paper, employer and employee relations, and bankruptcy. Throughout the course, students survey current business law topics as they occur in the business world. Seniors only. There is a per-credit fee for this course.

SCCC FINANCIAL ACCOUNTING (Business 1416)

Full year; 1 HS credit; 4 SCCC credits
This course is designed to meet the needs of those students who are interested in pursuing a college Business major. Emphasis is placed on the following topics: completion of the accounting cycle, receivables and temporary

investments, inventories, plant and intangible assets, payroll, notes payable, and other current liabilities. The above topics include both manual and computer applications. Seniors only. There is a per-credit fee for this course.

MATH and FINANCIAL APPLICATIONS

Full year; 1 HS credit; 0 college credits
Students will learn how math is used in the business world and how it is applied in a variety of business careers and in one's personal life. Math concepts will be learned and applied in the following areas: Investing, Real Estate, Business Financial Management, International Business, Credit, Purchasing and Pricing Merchandise, and Retirement Planning. This course is designed to prepare students for both college level business programs and to understand the complex financial world they will encounter during their lives. For students in grades 9-12 this course may satisfy one unit of math credit ONLY if the student has successfully passed the Mathematics A Regents.

SPORTS ENTERTAINMENT and EVENT MANAGEMENT

Full year; 1 HS credit; 0 college credits
Explore the intriguing world of management and marketing as it relates to the business of sports, entertainment and events. The basic management functions of planning, organizing, implementing and controlling will be covered.

ACADEMY OF

FINANCE

AOF ACCOUNTING

for grade 11 AOF
Full year; 1 HS credit; 0 college credits
Emphasis is placed on basic accounting theory and the flow of work through the accounting cycle. This course covers the general journal, ledgers, and the analysis of financial statements. Manual and computer applications are explored.

AOF SCCC BUSINESS COMMUNICATIONS (Business 1125)

1 year; 1 HS credit; 3 SCCC credits

This course covers the topics of writing for business audiences, improving writing techniques, revising and proofreading routine business messages, negative, persuasive and business messages, reporting data and communicating for employment. Students will learn to make decisions involving selection and organization of content and in choosing an appropriate method of presentation of information. The use of technology and collaboration to enhance the effectiveness of business communication is covered. Oral presentations, written business reports and proposals are required. There is a per-credit fee for this course.

AOF BUSINESS ECONOMICS and the FINANCIAL SERVICES INDUSTRY

Full year; 1 HS credit; 0 college credits

Everything you need to know about how the economy works and where it is going will be covered in this full-year course. Economics does not have to be complicated—it can be very interesting and very relevant to our everyday lives. Connections are made to the vast number of industries in the business world. You will learn about the career opportunities in the financial services industry. You will learn a logical way of thinking about economic matters through graphic representations, computer simulations, on-line research and reporting. At the end of this course you will be prepared to make rational economic choices as citizens of a state, nation, and the world. This course will meet the economics course requirement for graduation.

AOF COOPERATIVE WORK EXPERIENCE PROGRAM

Full year; ½- 1 HS credit; 0 college credits

This program is designed to provide an opportunity for interested students to enter an occupation. Juniors and seniors, sixteen years of age and older, are eligible to participate in the Cooperative Work Experience Program. To provide this opportunity, the school arranges a special program with a portion set aside for “on-the-job” supervised work. The employer who hires the student provides this training. The trainee is expected to assume the normal obligations of any employee for which he or she is paid at least the legal minimum salary. Employment may be terminated at the

employer’s discretion. All legal requirements are fulfilled for legal employment. The student receives one (1) unit of credit toward graduation for the completion of 300 hours of acceptable work, and ½ unit for 150 hours. Prerequisite: The Cooperative option can be used only if the student is employed in a job related to his or her specific occupational education pathway. Registration by permission of instructor.

AOF FINANCIAL DECISION MAKING

½ year; ½ HS credit; 0 college credits

Financial decision making and planning is the process of managing finances in order to meet life goals. The course coordinates all aspects of finances- earning, spending, saving, investing, tax planning, retirement planning and estate planning. The topics of credit, risk management and insurance are also covered. Prerequisite: Business Economics, Accounting, open to AOF seniors only.

AOF INTERNATIONAL BUSINESS

1/2 year; 1/2 HS credit; 0 college credits

Explore the fascinating world of international business. Learn to distinguish between domestic and international business. Students learn the basic foundations of business within the context of the global economy. The following topics will be covered: Foundations of International Business, The International Business Environment, Organizing for International Business, Managing for

International Business, Marketing in a Global Economy, and Global Financial Management. Prerequisite Economics

AOF MARKETING AND COMPUTER APPLICATIONS

½ year; ½ credit; 0 college credits

This course introduces the student to the important role that marketing plays in our economic system. Content revolves around the marketing functions of selling, promoting, pricing, purchasing and advertising. This course is designed to provide in-depth instruction in business application software. The course is designed to teach you how to perform typical business tasks through the use of many simulation experiences. You will learn which software application is most appropriate for the many tasks required in business operations. Pre-requisite: B and E 21

FAMILY AND CONSUMER SCIENCE

BASIC FOOD PREPARATION & NUTRITION

Full year; 1 HS credit; 0 college credits

This course is a basic beginner course in food preparation and nutrition. Students will have “hands on” opportunities to develop skills in food preparation, meal planning and organizing kitchen work areas. In addition, students will learn about career opportunities in the food service industry. Students will use typical kitchen equipment in this class.

BUSINESS AND ENTREPRENEURSHIP IN THE 21ST CENTURY

Full year; 1 HS credit; 0 college credits

This course is designed to teach the essentials of the daily operations and recordkeeping of a small business. Knowing how business works will be of great value in any future employment. The characteristics of successful entrepreneurs will be discussed. You will learn the importance of recognizing opportunities and will learn the importance of being open to creative solutions. In addition, you will spend time becoming proficient in keyboarding and learning basic business computer applications. You will also participate in the Mean Jeans business simulation.

INTRODUCTION TO HUMAN SERVICES/CAREER AND FINANCIAL MANAGEMENT

Full year; 1 HS credit; 0 college credits

In order to become integrated working citizens, students will learn and apply concepts in the effective management of personal resources that include: energy, knowledge, skills, creativity, time, and financial resources. In addition the course is designed to make the student aware of the role of the citizen as an owner, worker, consumer, and community member in our economic system. Students will learn how to manage their personal health and nutrition and develop an understanding of the lifespan and human development.

CHILD DEVELOPMENT AND EARLY CHILDHOOD EDUCATION

Full year; 1 HS credit; 0 college credits

This full-year course covers the physical, emotional, intellectual, and social development of a child from infancy to school-age. Students will examine parenting skills, the parental day, daily care, and guidance. Students will participate in a field experience during the 2nd semester. Students interested in a career in teaching, nursing, or psychology are encouraged to enroll in this class.

COOPERATIVE WORK EXPERIENCE

See description under Business Education.

LIFESPAN STUDIES

1/2 year; 1/2 credit; 0 college credits

This course covers the growth and development across the lifespan. You will learn about: brain development, prenatal development, adolescence, adult years, elder years and careers in human services.

GOURMET FOODS

1/2 year; 1/2 HS credit; 0 college credits

This half-unit course teaches advanced food preparation techniques, the importance of food appearance and presentation, and the use of specialized equipment. Careers in food photography, food journalism, and food styling are explored. Students will use typical kitchen equipment in this class. Prerequisite: Basic Food and Nutrition, and Food Prep and Nutrition.

FOOD AND CULTURE

1/2 year; 1/2 credit; 0 college credits

A half-unit course in which students will explore a variety of culture-specific foods and preparation techniques. Through the study of specific foods, students will gain an understanding of cultural differences, interdependence of regions and countries around the world, and of the ecological consequences of choices in the use of the environment and natural resources. Current and future food careers will be explored. Students will use typical kitchen equipment in this class. Prerequisite: Basic Food and Nutrition, and Food Prep and Nutrition.

ENGLISH LANGUAGE ARTS

In grades 9, 10, 11 and 12, English is taught at two levels: R and HP*
*All Honors Program (HP) students must maintain an 80 average.

ENGLISH 9R

Full year; 1 HS credit; 0 college credits
The 9th grade curriculum builds the foundations of reading, writing, vocabulary and communication skills needed for successful completion of a sequence in English and as outlined in the SED Standards for English/Language Arts. Students will begin preparation for the English Regents (11th grade). Students will study major authors through a variety of genres and participate in oral discussions regarding the works. Written communication will include (but not be limited to) expository writing, report writing, and genre writing. Oral and written assessment will be featured in this course. All students will be expected to complete writing for literary response and expression.

ENGLISH 9HP

Full year; 1 HS credit; 0 college credits
The 9th grade Honors Program (HP) is geared essentially to the above-average student who enjoys an academic challenge. Emphasis is placed on a whole language approach that combines thinking, reading, writing, listening, and speaking skills.

ENGLISH 10R

Full year; 1 HS credit; 0 college credits
The 10th grade curriculum continues to build on the foundations begun in the 9th year English program. Additional emphasis will be given to writing and speaking as outlined in SED Standards for English/Language Arts. A greater emphasis will be placed on students' abilities to read, write, listen, and speak for critical analysis and evaluation. Oral and written presentations are requirements of this course. All students will be expected to complete writing of a critical nature.

ENGLISH 10HP

Full year; 1 HS credit; 0 college credits
The 10th grade Honors Program (HP) is a continuation of 9HP and is geared to the above-average student who enjoys an academic challenge. Emphasis is placed on a whole language approach that combines thinking, reading, writing, listening, and speaking skills.

ENGLISH 11R

Full year; 1 HS credit; 0 college credits
This course continues to build upon the foundations of English 9 and 10. There is more extensive literary analysis of a variety of genres. Students will study major authors in their literature experience. Preparation will be completed for students to master the work necessary for the English Regents and the extended task. Oral and written presentations are requirements of this course.

The type of material will be determined by the teacher. All students will be expected to complete an extended task assignment.

ENGLISH 11HP: AP ENGLISH LITERATURE AND COMPOSITION

full year; 1 HS credit; possible AP credit

"An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style and themes as well as the smaller-scale elements as the use of figurative language, imagery, symbolism and tone" (apcentral.collegeboard.com). Through reading and writing across many genres, students will learn to increase their ability to synthesize and utilize information gathered during the year. Students will read many novels, plays, short stories, poems, and literary criticisms. Depending on the particular reading, students will write papers, create group projects, create personal projects, and prepare for the Regents. Students will take the Regents in January and the AP exam in May. (HS credit 1, AP exam can earn 3 college credits)

The following courses are the 12th Grade English electives.

Students must choose or select courses to equal 1 credit (or more) to meet their English 12 requirement.

CHILDREN'S LITERATURE

1/2 year; 1/2 credit; 0 college credits

This course introduces students to classic children's literature as well as to modern children's literature, authors, and illustrators. It concentrates on giving students a solid background in Children's Literature and teaching the appropriate ways to read and share such literature with children of all ages. Participants will have a laboratory feature which will include observed reading sessions with appropriately aged children. Prerequisite: English 11

ENGLISH 12

1/2 year; 1/2 HS credit; 0 college credits

This class uses cooperative learning as the focus while students engage in a variety of listening, writing, reading and oral communication tasks. Students will cooperatively analyze and evaluate experiences, ideas, information and issues as they use reading, writing and comprehension strategies to problem solve based on different sets of criteria. This class requires students to peacefully interact with each other in order for them to complete assignments focused on building skills (nego-

tiation, inference, compromise, comprehension, time management, analysis, focus) necessary for survival and success in the global economy.

ENGLISH 12 – SENIOR REGENTS

1/2 half year; 1/2 HS credit; 0 college credit

The purpose of this class is to provide seniors who have not passed the English Regents with the opportunity to spend a half year revisiting skills and literature that will provide additional support for this major examination.

SUPA CLS 105

1/2 year; 1/2 HS credit; 3 college credits

See page 37 for course description.

PUBLIC SPEAKING

1/2 year; 1/2 HS credit; 0 college credits

This course will expose students to the fundamentals of public speaking. The course concentrates on teaching the students how to determine what approach is the most effective in reaching the audience and how to deliver the prepared material most effectively. Communication skills are stressed.

JOURNALISM

FULL YEAR; 1 HS credit; 0 college credits

This sequence, offered over two semesters, provides an introduction to the role of print media in society and training in the basics of writing for newspapers and magazines. Reading assignments will cover the history, practice and ethics of journalism. Students will

be taught the basic techniques of newsgathering and be required to write breaking news stories, interviews, feature stories and cover a variety of "beats", such as school board and town government, police and high school sports. The basics of reporting and writing for publication will be covered during the first semester. Students will further develop their skills in writing in-depth news and feature stories during the second semester. Prerequisite for Journalism I: English 11 and approval of the instructor or the district English Coordinator. Prerequisite for Journalism II: Completion of Journalism I with a minimum grade of B. This grade requirement may be waived by the instructor or the district English Coordinator. An academically able student who did not take Journalism I, but wishes to register for Journalism II, must submit a sample of journalistic writing of no fewer than 500 words in length to the district English Coordinator. Each is a semester in length, 1/2 credit each.

SCIENCE FICTION

1/2 YEAR; 1/2 HS CREDIT; 0 COLLEGE CREDIT

Students will study a variety of classic science fiction novels, short stories, movies and television shows. Students will learn about the history of science fiction and explore ways in which science fiction relates to real scientific events and historical events. We will also make sociological connections between the genre and our culture. A wide variety of techniques will be employed during the semester for assessment. Some of these include, but are not limited to, class

discussion, writing assignments, presentations, and multi-media projects. Class participation is a huge part of this class, therefore excellent attendance is expected.

SHAKESPEARE

½ YEAR; ½ HS CREDIT; 0 college credits

This survey course involves reading Shakespearean plays as well as exploring the ways in which these plays have been presented in other forms of media. The historical background of these plays will provide a framework to enhance understanding of the context in which William Shakespeare's plays were written. A wide variety of techniques will be employed during the semester for assessment. Some of these include, but are not limited to, class discussion, writing assignments, presentations, and multi-media projects. Class participation is a huge part of this class, therefore excellent attendance is expected.

SPORTS LITERATURE

1/2 year; 1/2 HS credit; 0 college credit

This course will examine the complexity, beauty and changing face of sport in America through the use of multiple texts. Through the use of sports literature and other media, the course will attempt to view the historical role of sport and develop in the students a greater sensitivity and understanding to the world of sport and to the philosophical and sociological relationship between that world and contemporary society.

WRITING 1: A WORKSHOP APPROACH

½ YEAR; ½ HS CREDIT; 0 COLLEGE CREDITS

The goal of this course is to allow students to improve their writing skills while also learning basic computer skills. All assignments are completed during class time on the computer. Emphasis is placed in the editing process and on achieving a polished finished product. Students will learn how to use Microsoft Word and will develop an understanding of the general principles of word processing while working on a variety of writing projects. In addition, students will learn how to use drawing programs to create illustrations that will be integrated into the writing projects. The internet will be used as a tool for some assignments. Typing ability is recommended but not required, though this is not a class that will teach typing skills. Excellent attendance is expected. (First or Second semester)

WRITING 2: A WORKSHOP APPROACH

½ YEAR; ½ CREDIT; 0 COLLEGE CREDITS

In this follow-up course, students will continue to improve their writing skills while being introduced to the art of desktop publishing. Students will be introduced to the basic conventions of publishing and will learn to cooperate and share responsibility through group projects. Using computer programs such as Photoshop and Adobe InDesign, students will create a variety of publications, including newspapers and pamphlets, as well as create original products such as board games. Emphasis will be

placed on page layout- the art of combining text and illustrations into a unified presentation. The internet will be integrated into some assignments. Excellent attendance is expected. (Second semester only, Prerequisite- Writing 1)

SUPA ENGLISH

full year; 1 HS credit; 6 SU credits

This course is 2 semester courses; you must take both semesters. The courses are:

SUPA WRITING105

1/2 year; 1/2 HS credit; 3 Syracuse University credits

Writing 105 is offered through Syracuse University's Project Advance. This course pays particular attention to writing as a means of learning and as a way of encouraging active intellectual engagement. Learning how to write formal academic analysis and argument begins with learning how to think reflectively in various kinds of informal written modes, such as reading logs, class correspondences, and response papers. Classes are organized around topics of inquiry that become focal points for numerous reading and frequent writing assignments. Students who successfully complete the course receive three (3) college credits from Syracuse – transferable to hundreds of colleges and universities. Prerequisite: recommendation by teacher, one semester, ½ credit. Students must enroll in both Writing 105 and English 141. There is a per credit fee for this and all Project Advance Courses.

SUPA NARRATIVES OF LITERATURE 141

*1/2 year; 1/2 HS CREDIT;
3 SYRACUSE UNIVERSITY CREDITS*

This course is offered through Syracuse University's Project Advance. Students who successfully complete the course receive three (3) college credits from Syracuse – transferable to hundreds of colleges and universities. The course focuses on reading and interpretation. Students read a variety of texts in order to discover how their reading of a text relies upon implicit understanding of signs that are not only culturally established, but also part of a system that operates through complex relationships. Students write frequently: informal papers, reading logs, reactions, and a specified number of longer formal papers drawing on material covered in the course. Prerequisite: recommendation by teacher, one semester, ½ credit. Students must enroll in both Writing 105 and this course. There is a per credit fee for this and all Project Advance Courses.

SOCIAL STUDIES

In grades 9, 10, 11 and 12, Social Studies is taught at two levels: R and HP*

*All Honors Program (HP) students must maintain an 80 average. Four (4) years of Social Studies are required for graduation.

REGENTS SOCIAL STUDIES 9: Global History I

Full year; 1 HS credit; 0 college credits
The ninth grade social studies course is part of a two-year global history approach. This course is based on the New York State Social Studies Standards and utilizes a chronological format. Global history is organized chronologically around themes and concepts. The two-year course contains eight units, the first four to be taught in grade nine. These include: The Ancient World (4000 BC – 500 AD), Expanding Zones of Exchange and Encounter (500-1200 AD), Global Interactions (1200 – 1650 AD), and the First Global Age (1450-1770 AD). Students in this course will be required to pass a Regents exam at the end of grade 10 for graduation.

REGENTS SOCIAL STUDIES 10 Global History II

Full year; 1 HS credit;
0 college credits
In grade ten students are required to take the second half of the two-year course in Global History and Geography. The two-year sequence is divided into eight units of study with the final four units being studied in grade

ten. These include: The Age of Revolutions (1750-1914), Crisis and Achievement (1900-1945), Twentieth Century Since 1945, and Global Connections and Interactions. Students in this course will be required to pass a Regents exam at the end of grade 10.

REGENTS SOCIAL STUDIES 11 United States History and Government

Full year; 1 HS credit;
0 college credit
In grade eleven, a chronological study of United States History and Government is taught. The course places heavy emphasis on a study of American Government and the development of key principles of American Government through the context of American History. At the completion of this course, all students are required to pass the Regents Examination in United States History and Government.

HP SOCIAL STUDIES 11 is: SUPA UNITED STATES HISTORY HST 101, HST 102

*Full year; 1 HS credit;
6 Syracuse University credits*

History 101 and History 102
The 2 courses (one semester each) provide a survey of the development of the United States from the Colonial period to America's role in the post-Cold War world. Topics examined include Colonial America, the Age of Jackson, the Civil War and Reconstruction, Immigration, Industrialization and Urbanization, America as a world power, 20th century global conflicts, the Cold War, and America's role today. Students will have the option of sitting for the AP exam in May.

Prerequisites: Global Studies 9, Global Studies 10, a score of 85% or better on the NYS Global Regents exam, and teacher recommendation. There is a per-credit fee for this course.

ECONOMICS

½ YEAR; ½ HS CREDIT;
0 COLLEGE CREDITS

This course is intended to give students an understanding of the American economic system. Students will be introduced to the basic principles of our economic system and the problems facing all economic systems. Within the market economy, students will study the roles of labor, capital, and government. The place of the United States in the world economy will be analyzed.

SUPA ECONOMICS ECN 203

½ YEAR; ½ HS CREDIT;
3 SYRACUSE UNIVERSITY CREDITS

SUPA Economics is a Syracuse University, three credit hour study of college level economic themes that both readies students for a further study of Micro and Macro Economics and satisfies the ½ credit graduation requirement for high school economics. There is a per credit fee for this course.

PARTICIPATION IN GOVERNMENT

½ YEAR; ½ HS CREDIT;
0 COLLEGE CREDITS

Participation in Government is a course designed to illustrate to students the importance of their role as citizens in a democracy. The point is for students to understand that they must become

involved in their communities--being a good citizen is not merely voting. This course will also look at different issues and determine how good citizens make up their minds about policy issues. The overriding concept is the way in which we address social problems through development of public policy. This course is project based with a significant amount of independent project work. Critical thinking skills will be emphasized.

SUPA INTRODUCTION TO ANALYSIS OF PUBLIC POLICY PAF 101

½ YEAR; ½ HS CREDIT;
3 SYRACUSE UNIVERSITY CREDITS

SUPA PAF 101 introduces students to the basic skills of public policy analysis. These skills include becoming willing and able to “do good” effectively, defining and identifying the components of public policy issues, communicating ideas and findings, collecting information, using graphs, tables and statistics, examining the use of surveys and informal interviews, identifying a social problem and coming up with a proposed policy to deal with it, listing costs and benefits of proposed policies, developing benchmarks to assess the impact of policy, analyzing political factors, developing strategies to implement a policy, identifying essential features of major current public policy issues and working in teams effectively. Students who successfully complete the course receive three (3) college credits from Syracuse University transferable to hundreds of colleges and

universities. Satisfies the high school graduation requirement for Participation in Government. There is a per credit fee for this course.

SUPA FOUNDATIONS OF HUMAN BEHAVIOR PSY 205

½ YEAR; ½ HS CREDIT;
3 SYRACUSE UNIVERSITY CREDITS

SUPA Psychology is offered through Syracuse University’s Project Advance. The course prepares students for intermediate and advanced college courses by demanding performance equivalent to on-campus introductory courses. Students who successfully complete the course, receive three (3) college credits from Syracuse – transferable to hundreds of colleges and universities. Topics covered will include the study of people who influenced the discipline, human behavior, learning, development, individual differences, and assessment of these areas with various class activities. There is a per credit fee for this course.

SUPA INTRODUCTION TO SOCIOLOGY SOC 101

½ YEAR; ½ HS CREDIT;
3 SYRACUSE UNIVERSITY CREDITS

SUPA Sociology is designed as an analytic, skills-based introduction to sociology. The emphasis is on analytic reading and conceptual analysis. It is a writing intensive course. As the course progresses, students should obtain increasing skill in analytic reading and writing, sociological reasoning, empirical investigation, and in the ability to make empirical and conceptual generalizations about

self and society in an increasingly global world. This college-level course demands performance equivalent to the course offered on campus. Students who successfully complete the course receive three (3) college credits from Syracuse University transferable to hundreds of colleges and universities. This college-level course introduces C. Wright Mills' classic notion of "the sociological imagination" and the promise of sociology, and encourages students to see and think about the relationship between themselves and the social world. There is a per credit fee for this course.

Mathematics 2010-11

Integrated Algebra

Students will be taking the Integrated Algebra exam in June. The primary focus of this class is building a solid foundation in the skills of algebra, the process of problem solving, writing mathematically, real-life applications, and preparing students for the Integrated Algebra Regents exam. The main topics of this course are working

with number systems, operations and procedures, represent and analyze algebraic procedures, patterns, relations, and functions analyze characteristics and properties of geometric shapes, apply coordinate geometry to analyze problem solving situations, collect, organize, display, and analyze data, and understand/apply concepts of probability. The TI-84 Plus graphing calculator, TI-NSpire calculator, and computer software programs are integral pieces of the curriculum. Students receive one math credit for successfully completing this course. Prerequisite: Successful completion of Math 8 and Level 3 or 4 on the NYS Math 8 exam.

Integrated Algebra with Lab

Students will be taking the Integrated Algebra exam in June. This course is designed to meet the needs of students required by NYSED to receive intensive AIS services. The class incorporates a mathematics instructional lab. The primary focus of this class is building a solid foundation in the skills of algebra, the process of problem solving, writing mathematically, real-life applications, and preparing students for the Integrated Algebra Regents exam. The main topics of this course are working with number systems, operations and procedures, represent and analyze algebraic procedures, patterns, relations, and functions analyze characteristics and properties of geometric shapes, apply coordinate geometry to analyze problem solving situations, collect, organize, display, and analyze data, and understand/apply concepts of probability. The TI-84

Plus graphing calculator, TI-NSpire calculator, and computer software programs are integral pieces of the curriculum. Students receive one math credit for successfully completing this course.

Geometry

Geometry is the second course in the advanced regents diploma sequence. This is a one-year, in-depth and challenging Geometry course with a Regents exam in June. Students will identify and justify geometric relationships, formally and informally. Students will begin with a definition of a geometric shape or concept and from that definition students will be expected to develop a list of properties of the shape or concept and justify each with an informal or formal proof. Students will be expected to learn geometric definitions, properties, and axioms in order to prove and/or disprove Euclidean, coordinate, inequality, and indirect theorems/proofs. Students receive one math credit for successfully completing this course.

Prerequisite: Successful completion of Integrated Algebra and passing the Integrated Algebra Regents exam.

Geometry with Lab

Geometry with Lab is the second course in the advanced regents diploma sequence. This is a one-year, in-depth and challenging Geometry course with a Regents exam in June. The class incorporates a mathematics instructional lab to provide additional support for students to meet the increased rigor of the mathematics. Students will identify and justify

geometric relationships, formally and informally. Students will begin with a definition of a geometric shape or concept and from that definition students will be expected to develop a list of properties of the shape or concept and justify each with an informal or formal proof. Students will be expected to learn geometric definitions, properties, and axioms in order to prove and/or disprove Euclidean, coordinate, inequality, and indirect theorems/proofs. Students receive one math credit for successfully completing this course.

Prerequisite: Successful completion of Integrated Algebra course and passing the Integrated Algebra Regents exam.

Intermediate Algebra 2

This is a second year mathematics course. Students will explore topics from Integrated Algebra more in depth and begin to explore geometric relationships. Topics will include functions, linear and quadratic equations, geometric properties, and geometric proofs. Students receive one math credit for successfully completing this course.

Prerequisite: Successful completion of the Integrated Algebra course. Students who do not pass the Integrated Algebra Regents should take this course. Students receive one math credit for successfully completing this course.

Intermediate Geometry

This is a third year mathematics course. The Intermediate Geometry course will cover topics from Geometry as well as topics from algebra and trigonometry. Students will investigate the following topics: Euclidean and coordinate proofs, right triangle trigonometry, circular trig functions, linear and quadratic equations, rational expressions, and functions. Students receive one math credit for successfully completing this course.

Prerequisite: Successful completion of Intermediate Algebra 2 or Geometry.

College Prep Math

This course is designed for students who have not achieved a 75 on the Integrated Algebra Regents exam and have not achieved a satisfactory level on the Sullivan County Community College's mathematics competency exam. The College Prep Math course will improve arithmetic skills while covering topics from Algebra, Geometry, and Trigonometry. The class requires students to problem solve, interpret statistical data and graphs, apply geometric and trigonometric relationships, and study linear and quadratic equations. Students receive one high school math credit for successfully completing this course. Also, students who have a final average of 75 or above may meet the entrance criteria into the SCCC's BUS 1101 and MAT 1000 courses.

Algebra 2 and Trigonometry

Algebra 2 is the third course in the three year advanced regents diploma sequence for mathematics and is a must course for students who have their sights set on attending college. This course will help you understand how mathematics relates to the world using real-life application problems and prepares students for advanced study. The scope and content of this course includes: equations and inequalities, relations and functions, trigonometric functions, logarithms, exponential and quadratic functions, statistics and probability. The course will help prepare students for the NYS Algebra 2 and Trigonometry exam in June as well as the next level of mathematics.

Prerequisite: Successful completion of Geometry course and passing the Geometry Regents.

College level MATH Courses

SCCC Precalculus (MAT1206) 4 credits

This Sullivan County Community College course in which students will receive 4-college credits and 1 unit of high school math. This course is intended to form a bridge between the static concepts of algebra and geometry and the dynamic concepts of the calculus. Topics include basic algebraic, trigonometric, exponential, and logarithmic functions;

functional inverses; inequalities; graphs; complex numbers; systems of equations; introductory matrix algebra; and the binomial theorem.

Prerequisite: Successful completion of Algebra 2 and Trigonometry and the Algebra 2 and Trigonometry Regents exam.

SCCC Calculus (MAT1301) 4 Credits

This Sullivan County Community College course challenges the talented mathematical student to work to their full potential. **Calculus is a college level course.** This course is offered for the students in the accelerated program or any student who has successfully completed Pre-Calculus. The course includes an in-depth study of limits, differential calculus and its applications, and integral calculus with its applications. Students who earn good grades in this course can receive college credit or placement from most colleges. There is a per credit fee for students intending to use this course to earn college credit.

Prerequisite: Successful completion of Pre-Calculus.

SCCC Elementary Statistics (MAT2501) 3 Credits

This Sullivan County Community College course in which students will receive 3-college credits and 1 unit of high school math. The course is designed to show students how statistics is used to picture and describe the world

and to show them that statistics is used to make informed decisions. Topics include probability, frequency distribution, mean and standard deviation, binomial distribution, testing hypothesis, samples from a finite population, regression and correlation. The course may be taken in conjunction with Pre-Calculus or Calculus.

Prerequisite: Successful completion of Geometry.

SCIENCE

Living Environment

full year course; 1HS credit
A full year course which studies the unity and diversity among living things, animal and plant maintenance, human physiology, reproduction and development, genetics, evolution and diversity, and plants and animals in their environment. Laboratory skills will be taught and evaluated along with the mandatory lab requirement. The Living Environment Regents syllabus is adhered to throughout this course. Regents examination is required.

Earth Science Regents

full year course; 1 HS credit
This course follows the New York State Regents curriculum and standards for Earth Science--The Physical Setting. Topics include minerals, rocks, earth, motion, dimensions and history, earthquakes, oceanography, astronomy, meteorology, the water cycle

and climates, atmospheric energy, landscape development and environmental change, deposition, weathering and erosion. Hands-on laboratory exercises are also a mandatory part of the course. A Regents examination is required following the completion of the lab requirement.

Regents Chemistry

full year course; 1 HS credit.
This is a full year course with three blocks per cycle. The course content includes the fundamental laws and principals of chemical structure and reactivity. Specific areas of focus are equilibrium, acids and bases, chemical kinetics, electrochemistry and introductory organic chemistry. Students are required to complete 1200 minutes of laboratory time and must submit appropriate laboratory reports for all experiments. They must take the New York State Physical Setting Chemistry Exam. Prerequisite: Integrated Algebra and it is recommended that the student has already passed Living Environment and Earth Science Regents.

Regents Physics

full year course; 1HS credit
This is a full year course offered in both the junior and senior years. Physics is the foundation of modern science and technology and is recommended for any college-bound student and is essential for any student planning to study engineering or the sciences. The course demonstrates the connection of physics to the everyday world, using Einstein's maxim "Physics is common sense refined". The course includes the

study of energy and its transformations, mechanics, wave motion, electricity, magnetism, light, and nuclear physics. An emphasis is given to application of principles. There is a mandatory lab requirement. The physics Regents examination is required.

Prerequisite: Completion and passing of Integrated Mathematics Regents. a solid background in high school algebra, and some background in high school trigonometry.

Practical Physics

full year course; 1 HS credit

The course includes the study of energy and its transformations, mechanics, wave motion, electricity, magnetism, light, and nuclear physics. This is a project-based course that requires students to complete projects related to the concepts being taught. An emphasis is given to application of principles. While not as rigorous as Regent's Physics, it is a college preparatory course for non-science majors or those interested in environmental or healthcare related fields.

Prerequisite: 1 unit of Math, 2 units of Science

The Physics of Sound and Light

full year course; 1 HS credit

The phenomena of light and sound, widely appreciated as primary media for artistic expression, have also played an important role in spurring scientific investigation of the world of nature. This course explores light and sound through their foundations in the

theories of vibration and wave motion. With sound, the application to the production of musical tones is emphasized. The study of light ranges from the early investigations of Galileo, Newton, and Huygens to the work of Einstein in relativity and quantum theory. A paper is required, and some class sessions take place in the lab. A background in physics is not required.

Biotechnology

full year course; 1 HS credit

Biotechnology will explore biological concepts through hands-on projects. It will include basic elements of the science current and expected capabilities and products, the structure of the industry, impact on society and health care, and ethical and social questions. Students will use critical thinking skills and quantitative reasoning.

Prerequisite: 1 unit of Math, 2 units of Science

College Level SCIENCE Courses

SUPA Forensic Science

½ yr course; 1/2HS credit; 4 college credits

Forensic Science focuses upon the application of scientific methods and techniques used to investigate crime. This course is intended to provide an introduction to understanding the science behind crime detection. Scientific methods specifically relevant to crime detection and analysis will be presented with emphasis placed upon techniques used in evaluating physical evidence. Laboratory exercises will include techniques commonly employed in forensic

investigations.

Pre-Requisites: Successful completion of Living Environment and Regents Chemistry

SCCC Introduction to Physical Geology: (SCI 1018)

½ year course; ½ HS credit; 4 college credits

Students in this introductory course in physical geology investigate earth's materials, changes in the surface and interior of the earth, and the forces and processes that cause these changes. Topics covered include the theory of plate tectonics, volcanoes, earthquakes, weathering and erosion, glaciers, streams, wind and deserts, waves and coastlines, the sea floor, mountain, mountain formation, rock formation, and earth history. Laboratory activities include the identification of rocks, minerals, and fossils, the use of topographic and geological maps, use of computers to obtain data on global geological activity, work with models to investigate earth's processes, and field trips to local areas of geological interest which include light hiking.

SCCC General Chemistry I (SCI 1824)**

½ yr course; ½ HS credit; 4 college credits

This course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic en-

abling them to function successfully in a scientific environment. Students will study elements and compounds, molecules, chemical reactions, stoichiometry, redox reactions, thermochemistry, quantum theory, electron configurations and periodicity, chemical bonding and molecular structure including orbital hybridization and molecular orbitals. Laboratory activities include density, chemical reactions, empirical formula, and atomic spectroscopy. Prerequisite: Regents chemistry or permission of instructor. Co-requisite: Advanced Algebra with Trigonometry. This is a half year course, 4 credits.

\$, Scientific or Graphing Calculator

SCCC General Chemistry II (SCI 2826)

**** ½ yr course; ½ HS credit; 4 college credits**

Covered topics include gases, intermolecular forces in liquids and solids, solutions, chemical kinetics and mechanisms, chemical equilibria, acids and bases, precipitation reactions (solubility product, chemical thermodynamics, electrochemistry, nuclear chemistry, and introductory organic chemistry.) Laboratory experiments in clued molar mass of a gas, hear of neutralization, colligative properties, chemical equilibrium, kinetics, titration, determination of solubility product constants, electrochemistry, and preparation of aspirin

Prerequisites: College Chemistry I. This is a half year course, 4 credits. \$, Scientific or Graphing Calculator

****These are college level courses**

es in which students will have an opportunity to earn Regents, college, and AP credits upon the completion of General Chemistry I and II and AP College Board guidelines.

TECHNOLOGY

Green Technology

SCCC Introduction to Renewable Energy Systems (GRB1200)

Full Year: 1 HS Credit; 3 College Credits

This course covers the principles, methods, and equipment associated with renewable energy systems. Topics include biofuels, solar, wind, biomass, fuel cells, hydropower, geothermal and ground source heat pumps and energy storage systems.

Prerequisite: Design and Drawing for Production

SCCC Introduction to Green Buildings (GRB1100)

Full Year: 1 HS Credit; 3 College Credits

This course covers the principles, methods, equipment associated with renewable energy systems. Topics include land use, climate, day lighting, green power, HVAC, environmental quality, and water conservation. The course will have a culminating project that incorporates all aspects of green building and renewable energy.

Prerequisite: Design and Drawing for Production (DDP) & Introduction to Renewable Energy Systems

Green Chemistry

Full Year: 1 HS Credit;

Green Chemistry applies the principles of prevention of toxic and hazardous waste, and energy efficiency to real world chemical products and processes. Emphasis is on case studies, problem solving, and life cycle analysis.

Environmental Sciences

Full Year: 1 HS Credit

Explores Earth's natural resources and systems, as well as how human activity affects the environment; students will study our natural resources and apply the scientific method to investigate natural flows of chemicals, water and energy in terrestrial, aquatic, and atmospheric systems, and how humans impact these natural flows and systems.

Project Lead the Way

Design and Drawing for Production (DDP)

Full Year: 1 HS Credit; Possibility of 3 College Credits

This is the first course in the Project Lead the Way sequence. The major focus of the Design and Drawing for Production (DDP) course is learning how to take an idea through a design process that will eventually be manufactured or produced. As

you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, you will apply what you learn through various activities, projects, and problems. For example, after learning about the different techniques engineers use in determining how to design a product, you and your teacher will have the flexibility to explore the design and engineering processes to solve problems that are of interest to you. The course covers the following: The Role of an Engineer, The Design Process, Product Design, Product Analysis and Improvement, & Designing as an Engineer.

In addition, you will use Inventor, which is a state of the art 3-D design software package from Autodesk, to help you design solutions to different design projects.

Students will have the opportunity to receive four college credits for this course upon successful completion of the course exam. This is a full year course and students will receive one credit. This course fulfills the Art/Music unit requirement for high school students.

Principles of Engineering (POE)

Full Year: 1 HS Credit; Possibility of 3 College Credits

This is the second course in the Project Lead the Way sequence. Students will learn the distinction between Engineering and Engineering Technology, Product Development, Engineering Systems, Engineering for Reliability, Materials and Materials Testing in

Engineering, and Dynamics/Kinematics. Students will use Autodesk Inventor Professional software to design and Fischertechnik Automations. Students will have the opportunity to receive four college credits for this course upon successful completion of the course exam. This is a full year course and students will receive one high school credit.

Prerequisite: Design and Drawing for Production (DDP)

Civil Engineering and Architecture (CEA):

Full Year: 1 HS Credit; Possibility of 3 College Credits

This is an elective in the PLTW program. This course introduces students to the interdependent fields of civil engineering and architecture while emphasizing interrelationship & dependence of both fields on each other.

Students learn project planning, site planning, building design, and project documentation and presentation. Students will use the Autodesk Revit software. Students will have the opportunity to receive four college credits for this course upon successful completion of the course exam. This is a full year course and students will receive one high school credit.

Prerequisite: Design and Drawing for Production (DDP)

Languages Other Than English (LOTE) Courses

FRENCH 1, GERMAN 1, SPANISH 1

Checkpoint A: Beginner

Students will develop basic proficiency skills in listening, speaking, reading, and writing in the target language. They will be introduced to different cultures and compare these cultures with their own.

NOTE: New York State requires that all students earn one credit in Languages Other Than English (LOTE) in order to graduate High School. This course satisfies the requirement.

Students who wish to continue to the next level of language study must pass this course with a minimum B average.

Grades 9 -12, full year, 1 credit

FRENCH 2, GERMAN 2, SPANISH 2

Checkpoint B: Intermediate Part 1

Students will communicate (listen, speak, read, and write) about situations in the past, present, and future. They will increase their vocabulary in the target language and continue to explore target cultures.

Prerequisite: Pass the New York

State Language Proficiency Exam OR pass Level 1 LOTE with a minimum B average.

Materials: dictionary (French/English, German/English, or Spanish/English, as appropriate)

Grades 9 – 12, full year, 1 credit

FRENCH 3, GERMAN 3, SPANISH 3

Checkpoint B: Intermediate Part 2

This course is a continuation of Level 2 language study and completes the preparatory material for the Regents' examination at Checkpoint B. Communication in the target language and knowledge of target cultures are the primary goals.

Prerequisite: Pass Level 2 LOTE.

Materials: dictionary (French/English, German/English, or Spanish/English, as appropriate)

Grades 9 – 12, full year, 1 credit

SPANISH 3/4 NS: ADVANCED SPANISH FOR NATIVE SPEAKERS

Checkpoint B/Checkpoint C: Intermediate Part 2/Advanced

This course is for native speakers of Spanish who read and write at an intermediate or advanced level. Students will expand their vocabulary and further develop their communication skills while exploring a variety of Latino cultures and dialects. Students who have not yet taken the New York

State Comprehensive Regents' Examination will take the exam in June.

Prerequisite: Middle School Spanish for Native Speakers OR recommendation of language teacher

Materials: Spanish/English dictionary

Grades 9 – 12, full year, 1 credit

FRENCH 4 AND FRENCH 5

Checkpoint C: Advanced: offered in alternate years; NOT offered in 2010-2011

GERMAN 4 AND GERMAN 5

Checkpoint C: Advanced
In this advanced level language course students read and discuss cultural topics, literary excerpts, short stories, and newspaper and magazine articles. Students write brief reports and create projects. Students converse in the target language. An alternating two year curriculum is offered.

Prerequisite: Pass Level 3 French or German, including the Regents' examination

Materials: dictionary (French/English, or German/English as appropriate)

Grades 11 – 12, full year, 1 credit

LOTE CIC COURSES

SCCC FLA 2456 FRENCH LANGUAGE & CULTURE III

(Advanced): offered in alternate years; OFFERED IN 2010-2011

*Grades 11 – 12, full year, 1 credit
3 credits/SCCC*

The class is conducted in French and targeted to students with three or more years of high school French. Students review grammatical concepts they are already familiar with from previous French classes and improve their abilities to speak, write and understand French. The goal is to bridge the gap between intermediate classes and more advanced studies in the language.

Prerequisite: Pass Level 3 French, including the Regents' examination

Materials: French/English dictionary

SCCC FLA 2446 SPANISH LANGUAGE & CULTURE III (Advanced)

*Grades 11 – 12, full year, 1 credit
3 credits/SCCC*

The class is conducted in Spanish and targeted to students with three or more years of high school Spanish. Students review grammatical concepts they are already familiar with from previous Spanish classes and improve their abilities to speak, write and understand Spanish. The goal is to bridge the gap between intermediate classes and more advanced studies in the language.

Prerequisite: Pass Level 3 Spanish, including the Regents' examination

Materials: Spanish/English dictionary

SCCC FLA2447 SPANISH LANGUAGE & CULTURE IV / optional AP exam (Advanced)

*Grades 11 – 12, full year, 1 credit
3 credits/SCCC*

This advanced course is a continuation of FLA 2446. The class is conducted in Spanish and targeted to students with four years or equivalent of high school Spanish. Students review previous topics while practicing advanced grammatical concepts and further refining their abilities to speak, write and understand Spanish. Students can choose to take the College Board Spanish Language Advanced Placement exam in May (optional). There is an additional fee for the AP exam.

Prerequisite: SCCC FLA 2446
SPANISH

Materials: Spanish/English dictionary

PHYSICAL EDUCATION

Every student must successfully complete four (4) years of Physical Education in order to graduate. If a student cannot participate fully there is an Adaptive Physical Education Program to meet the individual needs of the student. During the year students will be required to take the Physical Fitness Test (Fitnessgram) which is kept on permanent record. Each year is 1/2 credit. If a student misses a class, the class must be made up. The high school offers a variety of electives to meet the NYS standards. Appropriate physical education attire is required

HEALTH

The goal of the HS Health and Wellness course is to empower students to develop requisite knowledge, skills, and attitude so that they may develop and maintain lifelong health and wellness. This course will include the following topics: violence and Mental Wellness, Personal Safety, Nutrition and Personal Health, Pregnancy, HIV/AIDS and other STD's, and Alcohol. This course is a graduation requirement. 1/2 credit; Grades 10-12.

SUPA COLLEGE LEARNING STRATEGIES CLS 105

This course is the study of strategic approaches to learning. Strategies are presented and practiced in order for you to maximize your learning in the context of lectures, reading, recitations and independent learning situations. The course content is based on the application of strategies to the learning requirements of the courses you are enrolled in concurrently throughout the High School. Class sessions are a series of lectures, discussions and one-on-one conferences. You are required to participate in classes and conferences and apply the strategies in your other classes. In general, the goals of the course are for you to maximize your learning in college. An awareness of how you learn is examined through the development of a variety of learning strategies. We will explore strategies in the following ways: (1) what they are, (2) how to use them, (3) when to use them, (4) why they are effective and (5) how to adapt them. You will create your own strategies by defining your goals, selecting strategies, implementing them and evaluating their effectiveness in your courses.

MONTICELLO HIGH SCHOOL
COURSE REQUESTS WORKSHEET 2010-2011

Name _____ Present Grade _____

Counselor: Manz Seidl Mannino Quick Truesdell
 A-GA GE-O P-Z Grade 9 Grade 9

Subject	Present Course	Course Request	Teacher Signature
ENGLISH			
SOCIAL STUDIES			
MATH			
SCIENCE			
FOREIGN LANGUAGE			
ART			
MUSIC			
BUSINESS			
FAMILY/CONSUMER SCIENCE			
TECHNOLOGY/PLTW			
BOCES			
HEALTH			
PE			
Driver Ed. (Gr.12)			

ACADEMY: LASA BUSINESS VISUAL/PERFORMING ARTS

STRAND _____

I have discussed next year's classes with my parents/guardians and have also consulted with my present teachers.

Student Signature _____

