

*Beacon High School
Course Catalog
Grade 9
2022 - 2023*



Some of the elective courses are dependent on final enrollment numbers. Some electives may not fit, so it is important students choose at least two alternate choices. All recommendations for Honors level courses must be in writing by June 1.

ARTS

Course Title: Architectural Design

Term: One Semester

Credit: 0.5

Prerequisite: Successful completion of Studio Art or one full art credit

Description: Architectural Design is a half year introductory art course. Students will learn the fundamental aspects needed to learn the concepts of Architectural Design. Traditional hands on drawing methods and digital software will be utilized to make student projects. Students will analyze both still art works, which imply perspective, creating 3-D models and using computer programs to enhance their understanding of what Architectural Design is. There will be lectures on the great works of architecture and possible visits to different architectural designs within our community. Sketchbooks will be used to aid in analyzing artworks, keeping notes, and experimenting with media and new techniques.

Course Title: CAD I (Computer Aided Drafting)

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: This course is an introduction to computer-aided drafting (CAD) using the AutoCAD LT software program. The topics covered in this course include: the AutoCAD LT graphics and text windows, user interface, drawing, setup parameters, rectangular and polar coordinate entry, display control functions, 2D geometric objects, selection sets, object snap models, X and Y coordinate filters, inquiry commands, text creation and modification, and 2D editing commands.

Course Title: Cartooning and Animation

Term: One semester

Credit: 0.5

Prerequisite: Successful completion of Studio Art or one full art credit

Description: This is a half year introductory art course. This class can be used in conjunction with other half year classes like Ceramics 1, Digital Art 1 and the semester long Studio Art class to get a full art credit. Students will learn the fundamental aspects needed to create a successful animation and cartoon. Character design, storyboarding and storytelling will be taught. Traditional hands on drawing methods and digital software will be utilized to make student projects. Students will analyze both still artworks, which implies movement, and animated segments from fine art and popular culture to enhance their projects. Political and satirical cartoons will also be employed to enhance students' understanding of cartooning. Sketchbooks will be used to aid in analyzing artworks, keeping notes, and experimenting with media and new techniques.

Course Title: Ceramics I

Term: One semester

Credit: 0.5

Prerequisite: None

Description: Hand built pottery, techniques of coil; slab, pinch as well as throwing on the potters' wheel will be introduced. The firing process and glazing process of clay are also explored. Form, function and decoration are the emphasis of this course.

Course Title: Ceramics II

Term: One semester

Credit: 0.5

Prerequisite: Successful completion of Ceramics I

Description: Building methods developed in Ceramics I will be further explored and refined. More complex concepts in ceramics will be explored such as sculpting and production pieces.

Course Title: Digital Art I
Term: One Semester
Credit: 0.5
Prerequisite: None
Description: This course will introduce the computer as an artist's tool. The elements and principles of design will be used to create two dimensional artworks. Programs such as Photoshop will be explored.

Course Title: Digital Art II
Term: One semester
Credit: 0.5
Prerequisite: Successful completion of Digital Art I
Description: Enhancing skills from Computer Graphics I, digital cameras, and advanced capabilities in the Photoshop program will be the emphasis of this course.

Course Title: Drawing & Painting I
Term: One semester
Credit: 0.5
Prerequisite: Successful completion of Studio Art or one full art credit
Description: Concepts of gesture, contour line, shading and perspective will be explored using still life, figure drawing and imaginative subjects. Mediums used will include pencil, charcoal, markers, pastel, color pencil, oil pastel, and ink. Exploration of color, hue, and value using tempera, watercolor, acrylic and oil paint will be included in this course.

Course Title: Drawing & Painting II
Term: One semester
Credit: 0.5
Prerequisite: Successful completion of Drawing and Painting I
Description: Advancement of techniques in creating the illusion of form, light, texture and space in drawings and painting. Students will work on canvas and a variety of art papers to create skillful solutions to design problems.

Course Title: Interior Design
Term: One Semester
Credit: 0.5
Prerequisite: Successful completion of Studio Art or one full art credit
Description: Students will learn the fundamental aspects needed to learn the concepts of Interior Design. Beginning levels of color theory and pattern developing will be discussed and applied to the students projects. Students will learn about perspective. Students will both draw out the rooms and 3D model the rooms. Computers will also be used to create interior spaces. Sketchbooks will be used to aid in analyzing artworks, keeping notes, and experimenting with media and new techniques.

Course Title: Photography I
Term: One Semester
Credit: 0.5
Prerequisite: Successful completion of Studio Art or 1 full credit of art
Description: This course will introduce the camera as an artist's tool. Black and white film development and darkroom printing will be required.

Course Title: Photography II

Term: One Semester

Credit: 0.5

Prerequisite: Successful completion of Photography I

Description: This course is designed to develop technical competence with a camera and advanced darkroom techniques. Vignette, texture screens and toning will be utilized. Digital cameras and altering images on the computer will be explored.

Course Title: Studio Art

Term: Full year course

Credit: 1.0

Prerequisite: None

Description: This course is a foundation Art course that will be broken down into four aspects of art. 1. Studio Art - This aspect of art will examine the elements and principles of art. The elements and principles of art will be used to analyze and create artwork. Projects will include drawing, painting, and printmaking. 2. Art Theory - This aspect of art will examine the historical element of art from Prehistoric Art to Contemporary Art. Projects will include learning about each time period of Art through slides, pictures, and discussions then create artwork based on that period. 3. Digital Art - This aspect of art will examine and develop the basic skills and understanding of computer art. Projects will use a variety of software and digital cameras to expand the student's knowledge of the elements of art and principles of art. File management and basic computer skills will be stressed. 4. Ceramics This aspect of art will examine 3-dimensional design.

Course Title: Textiles I/Fashion

Term: One Semester

Credit: 0.5

Prerequisite: Successful completion of Studio Art or one full art credit

Description: This course is based on fashion. The students will be involved in learning how to draw the fashion figure. The beginning levels of sewing will be introduced. Possible fashion careers will be discussed.

Course Title: Textiles II/Fashion

Term: One Semester

Credit: 0.5

Prerequisite: Successful completion of Textiles I

Description: This course will build on the concepts and principles explored in Textiles I. Pattern making will be explored. Advanced textiles techniques such as fabric dyeing will also be explored. Students will develop an understanding of the different careers available to them in fashion.

ENGLISH

Course Title: English 9

Term: Two semesters

Credit: 1.00

Prerequisite: English 8

Description: This course is an introduction to literature. It is designed to help students become better readers, writers, listeners and speakers. The goal of this class is to prepare students for the more demanding requirements of English 10 through 12. Students will explore many genres of literature, including short story, novel, non fiction, drama, poetry, memoir and Shakespeare. Emphasis is placed on independent reading and writing, which includes grammar and vocabulary development. Writing will focus on essay structures and citing research. Skills will focus on close reading, annotating text, text based questioning, and evidence based answers. Instruction will align to Common Core and NYS standards.

Course Title: English 9H

Term: Two semesters

Credit: 1.00

Prerequisite: English 8 Honors (85 or above average) or English 8 (90 or above average), Teacher Recommendation

Description: Students will be fluent in the vocabulary of literature. They will understand, analyze, synthesize, and evaluate various forms and genres of text. The goals, objectives, and assessments for students in reading, writing, listening, and speaking will encompass critical thinking skills and the college readiness aims of the common core standards for English Language Arts. Units of study will include short stories, poetry, mythology, research, novels, and Shakespeare. The honors curriculum is thematically focused and honors students can expect to cover material in greater depth and scope at a faster pace, requiring deeper reflection. An increased focus on critical analysis, exploration of content, critical thinking, research, application, and synthesis will be emphasized. Instruction will align to Common Core and NYS standards.

Course Title: Theater Production

Term: One semester

Credit: 0.5

Prerequisite: None

Description: If all the world is a stage, someone has to build the set and light it! The behind-the-scenes people who produce the magic of a production sometimes steal the spotlight from the actors who perform it! A hands-on approach to learning, this course will expose students to the multi-faceted world of theater and focus on those behind-the-scenes jobs. Students will study and engage in a variety of activities that are necessary for live productions: set building, lighting design and operation, costume design and construction, house management, advertising, writing, directing and stage management.

ENGLISH AS A NEW LANGUAGE

Beacon High School has successfully introduced its newly designed ENL program with goals to prepare LEP/ELL students to meet the *revised Teaching of Language Arts to Limited English Proficient/English Language Learners*, as well as the standards in English and content areas to pass the five required Regents exams. Through intensive instruction, students will develop skills in listening, speaking, reading and writing for:

1. Information and understanding
2. Literary response and expression
3. Critical analysis and evaluation
4. Social interaction
5. Cross cultural knowledge and understanding

Course Title: ENL

Term: Two Semesters

Credit: 0.0

Prerequisite: As determined by the above evaluation process or support for exiting ENL students

Description: Students who require services based on testing will be in an integrated English class.

Course Title: ENL Skills

Term: Two Semesters

Credit: 0.0

Prerequisite: Non-English speaking or limited ENL English proficiency as determined by the above evaluation process or support for exiting ENL students.

Description: This course meets for one daily period or every other day as time permits as a support period (s) to ENL students.

HEALTH

Course Title: Health

Term: One semester

Credit: 0.5

Prerequisite: None

Description: Health is a course required of all high school graduates. The course includes topics of personal, social and mental health along with topics relating to the quality of life in general. Parenting Education, nutrition, disease, drugs, alcohol, tobacco, mental health, consumer health and public health are among the topics included in the course of studies. Class participation, an outside class project and a final examination are requirements for this course to be successfully completed.

LANGUAGES OTHER THAN ENGLISH (LOTE)

Course Title: Italian II

Term: Two semesters

Credit: 1.00

Prerequisite: Italian I

Description: This course elaborates on those skills introduced in the beginning level. Students are becoming more proficient orally and are encouraged to demonstrate this proficiency through other motivating activities. A basic text and reader for vocabulary expansion and comprehension are used. Students read longer and more elaborate Italian selections. There are oral and written supplementary activities which provide students with an opportunity for free conversation and creative writing.

Course Title: Spanish I

Term: Two semesters

Credit: 1.00

Prerequisite: None

Description: Beginning language students are immersed in the language and culture of Spain and Latin America through a variety of activities in the areas of listening, speaking, reading and writing. Songs, skits and multimedia technology will be included. There will be an emphasis on theme related vocabulary such as family, weather, time expressions, traveling, going shopping, etc. This everyday practical vocabulary will be used in dialogues and question-answer sessions throughout the entire year.

Course Title: Spanish II

Term: Two semesters

Credit: 1.00

Prerequisite: Spanish I or Spanish 8 and a 65% or better on the local assessment

Description: This course elaborates on those skills introduced in the beginning level. Students are becoming more proficient orally and are encouraged to demonstrate this proficiency through other motivating activities. A basic text and reader for vocabulary expansion and comprehension are used. Students read longer and more elaborate Spanish selections. There are oral and written supplementary activities which provide students with an opportunity for free conversation and creative writing.

MATHEMATICS

Course Title: Algebra R

Term: Two Semesters

Credit: 1.00

Prerequisite: 8th grade Math

Description: This course covers the entire NYS Common Core Algebra curriculum. All students enrolled in this course will take the NYS Algebra I Regents exam in June. Topics Include: Linear Expressions, Equations, and Inequalities, Functions, Linear Functions, Systems of Linear Equations and Inequalities and Exponential Functions, Operations with Polynomials, Factoring, Quadratic Functions, Roots and Irrational Numbers, Statistics and Transformations. A graphing calculator (TI-83 or 84) is required for this course.

Course Title: Geometry

Term: Two Semesters

Credit: 1.00

Prerequisite: Algebra B or Algebra R

Description: This course is designed to give students a foundation in the fundamentals of Geometry. Students who perform well in this course may be able to advance to the Regents level Geometry course in the following year. Topics include: Angles (Categories, Interior, Exterior), Triangles, Parallel/Perpendicular Lines, Polygons, and Triangle Proofs including CPCTC. Non Regents level.

Course Title: Geometry R

Term: Two Semesters

Credit: 1.00

Prerequisite: Algebra R, Geometry (only with a written teacher recommendation) or Algebra B (only with a written teacher recommendation). In addition, a minimum grade of 70 on the Algebra I Regents is required.

Description: This course will cover the NYS Common Core Geometry curriculum. It is a rigorous course involving extensive work with proofs. The course will lead to the NYS Geometry Regents exam in June. Topics include: Geometry Proofs (many!), CPCTC, Parallelograms, Coordinate Geometry w/Proofs, Constructions, 3-Dimensional Solids, and Similarity. This is a writing-intensive course which requires the students to be able to reason logically. A TI-83 or TI-84 graphing calculator is required for this course.

MUSIC/PERFORMING ARTS

Course Title: Chorus

Term: Two semesters

Credit: 1.00

Prerequisite: None

Description: This course strives to develop a high level of vocal performance while enjoying singing and learning to participate in an organized group. Vocal skills such as proper diction, intonation and breathing are emphasized. Concert participation is required. Students will be involved in school performances and concerts in the community. This course is open to students who behave well and enjoy singing. The chorus will perform in at least three (3) required concerts each year.

Course Title: Concert Band

Term: Two Semesters

Credit: 1.00

Prerequisite: Minimal playing experience

Description: This course is for students interested in playing in a school band. Participation in Marching Band is required for all students enrolled in Concert Band. Students will be pulled from their classes once a week on a rotating basis to attend lessons. The band will be involved in at least six (6) performances each year. All performances are scheduled after school and attendance is mandatory.

Course Title: Guitar

Term: One semester

Credit: 0.5

Prerequisite: None

Description: Guitar is a one semester course covering the basics of the instrument and an application of essential music fundamentals. Students will learn the basics of playing the guitar at the beginning level through studying music notation, chord symbols and peer modeling. A brief history of the guitar along with its respective musical styles will also be covered in this course. An acoustic guitar which is kept at BHS will be provided for this course.

Course Title: Music Production

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: Students will discover and explore introductory concepts used in audio recording, arranging, remixing, creating MIDI tracks and mixing. No prior musical experience is needed, however, having training on an instrument or voice is helpful. Students will create music using music editing software and keyboards. Students interested in the current methods of music creation and production should consider taking this course.

Course Title: Music Theory

Term: Two Semesters

Credit: 1.00

Prerequisite: Vocal or instrumental via Concert Band, Concert Choir, or outside musical experience is required. This course is designed for those students pursuing a sequence in music and/or wish to expand their musical foundation.

Description: A course introducing the motivated music student to the study of melody, harmony, texture, rhythm, form, musical analysis, elementary composition and to some extent, musical history and style. Critical musicianship skills are developed in the process such as dictation, listening skills and sight-singing.

PHYSICAL EDUCATION

Course Title: Physical Education 9 Health Related Fitness

Term: Two semesters (every other day)

Credit: 0.5

Prerequisite: None

Description: Students will be studying the 5 components of health-related fitness including Muscular Strength, Muscular Endurance, Flexibility, Cardiovascular fitness and Body Composition. In addition, all students will have the opportunity to receive CPR/First Aid certification and will obtain the necessary skills to develop a personal fitness plan.

Course Title: Adapted Physical Education

Term: Two semesters (every other day)

Credit: 0.5

Prerequisite: CSE Committee Recommendation

Description: This course will provide students with emotional and physical limitations, a modified PE Program. This course will consist of a variety of foundation based units with modifications in which students will acquire skills and strategies of problem solving, goal setting and cooperative learning as well as units in aquatics, dance, personal fitness and individual and team sports. The curriculum has been developed to comply with New York State, National and Beacon High School standards.

SCIENCE

Course Title: Physical Settings/Chemistry R

Term: Two semesters

Credit: 1.00

Prerequisite: Successful completion of Living Environment R and concurrent enrollment or successful completion of Geometry.

Requirement: NYS Laboratories are mandatory for admittance to the Regents examination.

Description: This course will cover the NYS Physical Setting/Chemistry syllabus. The curriculum has been designed to prepare instruction and assessment which reflect the Physical Settings/Chemistry component of Standard 4 of the New York State Learning Standards for Mathematics, Science, and Technology. This course is for a sequence in science toward the Regents and/or Advanced Regents Diploma. The course presents a modern view of chemistry covering topics such as matter and energy, atomic structure and bonding, the periodic table, mathematics of chemistry, kinetics and equilibrium, acid-base theories, electrochemistry and organic chemistry. The students must successfully complete both the course and the Regents examination to get Regents credit for the course.

Course Title: Living Environment R

Term: Two semesters

Credit: 1.00

Prerequisite: Successful completion of Science 8

Requirement: NYS Laboratories are mandatory for admittance to Regents examination

Description: This course will cover the NYS Living Environment syllabus. The curriculum has been designed to prepare instruction and assessment which reflect the Living Environment component of Standard 4 of the New York State Learning Standards for Mathematics, Science, and Technology. This course covers basic similarities in living things as well as the unity and diversity of life. Emphasis is placed on the relationship of living things to one another, biochemistry, the structure and function of cells, homeostasis, genetics and evolution. Students must successfully complete both the course and the Regents to get credit for the course.

Course Title: Physical Setting/Earth Science R

Term: Two semesters

Credit: 1.00

Prerequisite: Completion of Living Environment R, Concurrent enrollment or successful completion of Geometry

Requirement: NYS Laboratories are mandatory for admittance to the Regents examination.

Description: This course will cover the NYS Physical Settings/Earth Science syllabus. The curriculum has been designed to prepare instruction and assessment which reflect the Physical Settings/Earth Science component of Standard 4 of the New York State Learning Standards for Mathematics, Science, and Technology. Earth Science is an integrated, interdisciplinary course that considers the earth, its materials, processes, history and environment in space. The students must successfully complete both the course and the Regents examination to get Regents credit for the course.

Course Title: Forensic Science

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: Forensic Science is intended for grades 9 - 11. This course is to be taken after successful completion of Living Environment Regents course. Forensic Science is the application of science to the law and encompasses various scientific disciplines. This course will introduce various methodologies and applications used in the forensic context. This course covers topics such as the discovery, recognition, observation, identification, and collection and comparison of physical evidence, including a review of various current techniques in the testing of physical evidence. Our focus will be to learn the basic concepts of Biology, as it applies to the basic concepts of Forensic Science. You will learn to apply the scientific method, do hands-on lab activities, class work and projects. Each lab activity will show you more clearly some of the techniques we will be talking about in class so that you can see for yourself science in action. *(cont)*

Topics Covered

1. Observational Skills
2. Crime-Scene Investigation and Evidence Collection
3. Fingerprints
4. DNA Fingerprinting
5. Blood and Blood Spatter
6. Ballistics
7. Drug Identification and Toxicology
8. Handwriting Analysis, Forgery, and Counterfeiting
9. Death: Meaning, Manner, Mechanism, Cause, and Time

Course Title: Field Biology

Term: One semester

Credit: 0.5

Prerequisite: None

Requirement: Open to students in grades 9 to 11

Description: Students will have the opportunity to go outside to do field work and engage in an agriculture curriculum. Activities will include building, planting, and maintaining an organic garden, winter, fall, and spring tree identification, invasive species remediation, aquatic ecosystem studies with field trips to the Hudson River and Fishkill Creek, litter removal, environmental outreach, local ecosystem studies, and citizen science projects including bird counts and collecting climate data. Students enrolled in this course will have to be ready to dig in the dirt and go outside in any weather.

Course Title: Laboratory Skills

Term: One semester

Credit: 0.5

Prerequisite: None

Requirement: Open to students in grades 9 to 11

Description: Course will meet CDOS credentials. This comprehensive course will help students who wish to pursue a career as a lab technician, or research technician in Biotechnology, pharmaceutical, medical facility, or Universities. Students will be exposed and trained in various laboratory practices and skills.

Course Title: Marine Biology

Term: One semester

Credit: 0.5

Prerequisite: Successful completion of Living Environment R.

Description: Marine Biology is the scientific study of the plants, animals, and other organisms that live in the ocean. The course of study will include principles of marine science, marine life, marine activities, exposure to various professionals and audiovisual presentations.

Course Title: Science Research Literacy I

Term: One semester

Credit: 0.5

Prerequisite: None

Requirement: Open to students in grades 9-12

Description: Have you ever thought of a really great question that a search engine can't answer to your liking? Then you're probably ready for Science Research. This course offers the opportunity to solve problems using a systematic thought process. Students will learn and apply the core skills of scientific inquiry and apply those skills by completing a research project. Students conduct primary research on a topic, formulate testable predictions and continue by designing a method to carry out their own experiments. Basic statistical analysis will allow students to draw valid conclusions while communicating their findings to a broader audience through presentations and in writing. Students are required to submit a completed written research paper.

SOCIAL STUDIES/SOCIAL SCIENCE

Course Title: Global Studies I

Term: Two semesters

Credit: 1.00

Prerequisite: Completion of Social Studies 8.

Description: Global Studies I is an intensive course instructing students in the history of the world from Prehistory until 1700. The course follows a chronological approach addressing themes discussed in the NYS Social Studies Core Curriculum. This course is the first part of a two part series. Upon completion of Global Studies II, students will be given a Regents Exam that will cover material from both Global Studies I and Global Studies II. Students are encouraged to keep all notes and materials until they pass the Global Studies Regents Exam. Global Studies Regents Ready classes will focus on developing skills necessary to pass the Global Studies Regents Exam and analysis of materials to enrich the curriculum. Skills in essay writing and test taking will be sharpened for success on the Regents Exam.

Course Title: Global Studies IH

Term: Two semesters

Credit: 1.00

Prerequisite: Completion of Social Studies 8 with a 90% average, and teacher recommendation.

Description: Global Studies I is an intensive course instructing students in the history of the world from Prehistory until 1700. The course follows a chronological approach addressing themes discussed in the NYS Social Studies Core Curriculum. This course is the first part of a two part series. Upon completion of Global Studies II, students will be given a Regents Exam that will cover material from both Global Studies I and Global Studies II. Students are encouraged to keep all notes and materials until they pass the Global Studies Regents Exam. Global Studies Honors classes assume that students have developed skills for social studies and will focus on enrichment activities and more in depth study of course material.

Students will learn to sharpen writing and test taking skills and be required to complete assignments that prepare them for continuation in the Honors track in tenth and eleventh grade. Successful completion will result in receiving a weighted score for their GPA. Students enrolled in this course are expected to maintain a minimum 85% average each quarter, please consult the teacher on grade requirements.

Course Title: Sociology

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: This course will introduce students to the study of mankind's most important creation: the social group. Everything we do is directly or indirectly influenced by the society in which we live. You will study topics which include: family, poverty, race, sex and gender issues, societal norms, etc.. There will be diverse learning modules including: lectures, video clips, relevant movies and social media connections. Students will be expected to engage in class discussion as well as complete all assigned work.

Vocational/Technology

These courses do not fulfill Fine Art requirement toward graduation

Course Title: CAD I (Computer Aided Drafting)

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: This course is an introduction to computer-aided drafting (CAD) using AutoCAD LT software program. The topics covered in this course include: the AutoCAD LT graphics and text windows, user interface, drawing, setup parameters, rectangular and polar coordinate entry, display control functions, 2D geometric objects, selection sets, object snap models, X and Y coordinate filters, inquiry commands, text creation and modification, and 2D editing commands.

Course Title: Introduction to Occupations

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: This course is designed to give students the opportunity to explore a variety of careers and occupations. Students will research the requirements and skills needed for specific occupations; learn about the job application process, job interview procedures and workplace expectations

Course Title: Job Skills

Term: One semester

Credit: 0.5

Prerequisites: None

Description: Everyone needs to know how to get and keep a job. Students will learn how to create employment documents like resumes, letters of application, job applications and successfully interview for a job. Students will practice mock interviews to boost their confidence. This course will teach students how to answer the tough interview questions. Students will research job opportunities in their areas of interest. Students will research different careers in Naviance that match their Career Interests Profile. Students will learn about themselves through interest inventories on Naviance that leads them to know their interests and aptitudes. Students will learn skills to help them secure a job, and function as part of a team in the workplace.

Course Title: Keyboarding

Term: One semester

Credit: 0.5

Prerequisites: None

Description: This course is intended for students who need to learn or improve their keyboarding technique and skills. Students will master touch keyboarding and improve their proofreading, editing and writing skills while formatting letters, reports, tables and other documents. In keyboarding students memorize the order of the keys and practice typing for speed and accuracy. The course stresses typing without looking at the computer keyboard or backtracking to fix mistakes. To move on, students must be able to type 30 words per minute with three or fewer errors. This course will teach students how to type correctly. The course will cover the 3 Keyboarding basics: Keying Speed, Keying Accuracy, and Keying Technique.

Course Title: TV Production I/Broadcasting

Term: One Semester

Credit: 0.5

Prerequisite: None

Description: This course is the introduction of skills involving communication through Television. Students will be introduced to the artistic and technical aspects of Television Production such as: camera and computer editing techniques. Camera techniques include panning, zooming and tilting. Editing techniques include assembly editing, insert editing and visual effects. Each skill is taught through hands-on experience in the studio and on-location. Assignments will include a 30-4-30 video, a music video, recreating scenes from a movie and creating original scenes. Students will produce real and spoof commercials, as well as a cribs video and a chase scene.

Course Title: TV Production II/Broadcasting

Term: One Semester

Credit: 0.5

Prerequisite: TV I and Instructor Approval

Description: In this course students will learn how a TV studio operates. This will include learning a variety of equipment such as the video mixer, audio mixer, router, teleprompter and various types of playback equipment (DVRs, DVDs). An introduction to lighting will be covered in this class. The students will continue to learn non-linear editing and camerawork. Assignments include fictional and non-fictional news reports and interviews.

Course Title: Video Game and Design

Term: One semester

Credit: 0.5

Prerequisites: None

Description: Video game designers use extensive technology, such as editing and design software. Students will create programs or choose formats for websites, magazines, or movies, all of which call for an understanding of technology and software. Many jobs as video game designers require candidates to create programs or products both aesthetically appealing and functional. Creativity is necessary in this process since individuals brainstorm innovative designs and make choices on product appearance.

SUPPORT SERVICES

Course Title: English Lab and Math lab

Term: Two Semesters

Credit: 0.00

Prerequisite: Score 1 or 2 on NYS ELA, Math and/or having been identified as needing academic support services in a core subject in grade 8. For General Education students.

Description: Students work in small groups to improve their comprehension strategies and skills, and reinforce skills and mathematical weaknesses as well as build their test taking strategies. Students will learn to apply and use comprehension strategies and skills across the curriculum. Students will have the availability to work with all core teachers.

Course Title: Resource 9/10

Term: Two semesters

Credit: 0.00

Prerequisite: CSE Committee Recommendation

Description: Support services as outlined in a student's IEP