Dear Students:

The selection of your courses is extremely important and should be done with input from your parents and school counselor. The courses and programs that you select will significantly affect your future academic plans and career goals. Your decision to select courses should be made with the following in mind: your needs and abilities; post-high school academic and career goals; number of credits earned and needed; required subjects and sequences and course availability. All students must pass the English, Mathematics, Global History and American History and a Science Regents Exam in order to graduate.

A student must have 4.5 credits to be a sophomore, 11 credits to be a junior and 16.5 credits to be a senior. English must be passed each year in order to progress to the next grade level. A student is required to take a minimum of 5.5 credits each year to be considered a full-time student and will be ineligible to participate in extracurricular activities with less than a 5.5 credit class load.

Please feel free to contact us if you have any questions or concerns pertaining to the information attached or if you require any additional details. Our administrators and our counseling staff look forward to hearing from you and will be glad to help you at any time. I wish you continued success in your education.

Yours truly,

John P. Fink
Interim Principal

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Please note: Some classes and Pre-requisites in this handbook may have been updated since the time of publication. Please visit our web page www.carmelschools.org for most recent information.
**ALTERNATIVE HIGH SCHOOL COURSE OFFERINGS**

**English**

*1 credit*

Semester One/Semester Two: Encompasses the areas of literature, composition, grammar, speaking, reading and listening skills aligned with the Common Core Standards. The primary focus of instruction during each semester is literature and nonfiction, which are used as the basis for the development of all the related skills. The classes are taught in back to back periods (block schedule).

**English Regents Level Program**

By New York State mandate, all students are required to pursue a Regents level course of study. By the June of Semester 2 in the A-school, all students are required to take the New York State Regents exam in English Language Arts and graduation is dependent upon achieving a passing grade on the exam.

- Semester One: English 10  
  1 credit
- Semester Two: English 11  
  1 credit
- Semester Three: English 12  
  1 credit

**Global History/Geography I**

*Course #SOC-112  1 credit*

Semester One: Emphasis is placed on the study of the non-western world as instruction focuses on the historical, political, economic and cultural development of Asia, Latin America and Africa. Classes are taught in back to back periods (block schedule).

**Global History/Geography II**

*Course #SOC-122  1 credit*

Semester Two: Emphasis is placed on the study of Europe and the Arab world in the Middle Ages and the development of nation states. Areas of concentration include the Renaissance, Nationalism, the Industrial Revolution, World Wars I and II, the Cold War and period of détente, and current issues. Classes are taught in back to back periods (block schedule).

**US History/Government**

*Course #SOC-133  1 credit*

Semester One: The social, political and economic developments of our past are interwoven through a topical approach to American History. Areas of concentration include: America’s people: immigration, slavery and women’s rights. Economics: labor, agriculture and business development. Government: federal, state, division of and separation of powers. Foreign policy. Classes are taught in back to back periods (block scheduling).

**Law & Economics**

*Course #SOC-148  1 credit*

Semester One: This course acquaints students with the law in various levels of government and its effect on citizens. Constitutional reinforcement of the Bill of Rights is touched upon, but concentration is placed upon everyday application of law. Focus is on local law enforcement agencies: local police, county sheriff’s department, town and court judges and citizens’ interaction with those agencies. The Economics portion of the course follows the NYSED guidelines and examines three areas: entrepreneurial enterprises, personal finance and theoretical economics. Such basic economic concepts as scarcity, supply and demand, markets, productivity, opportunity, cost, specialization, productive resources and interdependence will be studies. Classes are taught in back to back periods (block scheduling).
Child Psychology
Course #SOC-153  .5 credit
Semester One: This course takes a pragmatic approach to developmental problems in infancy, pre-school, childhood, adolescence, adulthood, middle age and old age. Emphasis is placed upon the psychological problems inherent to each stage. Much of the course is based on situational problem solving.

Environmental Biology
Course #SCI-209  .5 credit
Semester One: This half year course explains the differences between renewable and non-renewable energy sources. It will look at examples of these energy sources, advantages and disadvantages of its use and its effect on the environment. Each student will be required to complete several projects related to this field of study.

Animal Behavior
Course #SCI-208  .5 credit
Semester Two: This half year course explains animal behavior in a selected range of topics including communication, cognition, learning, intelligence, defense strategies, predator/prey relationships, mating, sexual selection, social behavior, foraging, migration, the brain and human behavior. Animal anatomy is also explored through in-class and on-line dissections. Research includes training animals, the use of sign language by gorillas and chimpanzees, insect and vertebrate pests and mechanism of various psychoactive drugs on the human brain.

The Living Environment (Biology)
Course #SCI-206  1 credit
Semesters One and Two: Topics included in this course are: the study of life, maintenance of plants and animals, reproduction and development, modern genetics, evolution and ecology. A weekly laboratory program stressing individual work is required part of this course and must be completed before the final examination.

Modern American History I
Course #SOC-158  .5 credit
This course is a political, economic, social and military history of the United States from Pearl Harbor to the present. The intent is to examine the events and issues that challenged Americans to exert leadership within the world community of nations in dangerous times. Special emphasis will be placed on those events from our “recent past.”

Modern American History II
Course#SOC-168  .5 credit
This course is a continuation of Modern American History I. Students will discover and explore history as it unfurls. Emphasis is on placed on today’s current events.

ART EDUCATION

Studio Art
Course #ART-602  1 Credit
This is an introductory course for those planning on taking further art courses or for those looking for a general visual arts class. This course introduces the basic areas of drawing from real life, painting, printmaking, and calligraphy, with a focus on two-dimensional projects. Art history will also be part of weekly study. All students are required to submit weekly sketchbook assignments. A written examination in June is administered. Pre-requisite: None
Mixed Media I  
Course #ART-620  1 Credit  
This is an introductory class which teaches various art skills and techniques through two-dimensional art projects. Most projects will be works on paper. Projects in a wide variety of mixed media and materials will be explored: paint, colored pencil, metal, paper cutting, printmaking, and pastels. Students will also study different artists and famous artworks from the history of art. Notebooks and completion of assigned projects are required for each marking period. **Pre-requisite: None**

Mixed Media II  
Course #ART-623  1 Credit  
This is an advanced level class that includes various mixed media techniques. Puppetry, paper mache, mask-making, lantern design, and plaster work are some areas that will be covered. This class is for the person who truly enjoys creating with their own hands. This course may include a final “creative” presentation; the presentation may be cooperative. **Pre-requisite: Mixed Media I OR Teacher Recommendation.**

Drawing & Painting I  
Course #ART-607  1 Credit  
This is an advanced level class that focuses on refining and expanding drawing techniques, painting abilities, and an awareness of artistic styles. The class focuses on drawing with various media such as pencil, charcoal, pen and ink, and painting using pastel, acrylic, and watercolor. This course is designed for the serious art major. **Portfolio required for completion. Pre-requisite: Studio Art**

Drawing & Painting II  
Course #ART-609  1 Credit  
This is an advanced level class that builds and expands on Drawing & Painting I. Students will be encouraged to express themselves in a variety of media while experimenting with styles and techniques. This course is designed for students who are interested in advanced study in art, and in developing a portfolio. **Portfolio required for completion. Pre-requisite: Drawing & Painting I**

Drawing & Painting III  
Course #ART-610  1 Credit  
This is an advanced elective for the serious art student who is interested in developing an art portfolio, which will be evaluated at the end of the school year. Students will be encouraged to be inventive and to view art as an ongoing process while investigating formal and conceptual issues. Students will follow a basic course outline, but experimentation with materials and techniques will be encouraged. Emphasis will be on independent study and home assignments. **Juniors and seniors recommended. Pre-requisite: Drawing & Painting I & II**

Photography  
Course #ART-645  1 Credit  
This is an elective art course that introduces the basics of film photography. Students will be working in the darkroom learning how to print their own photographs. This is NOT a digital camera class. Students will learn how to use darkroom equipment including various types of cameras, film, paper, and chemicals. Lab periods as well as classroom discussions and critiques will emphasize both the technical and artistic aspects of black and white photography. A portfolio of work is required for completion. **NOTE:** A lab fee is required. **Juniors and seniors recommended. Pre-requisite: Intro level art class OR Teacher Recommendation**

Advertising Art  
Course #ART-675  .5 Credit  
This course focuses on exploring existing advertisements. Students will create projects focused on redesigning and modernizing aspects of the advertising world. Some projects include creating packaging, updating logos, and designing album covers. **Pre-requisite: Intro Level Art Class**
Commercial Design & Fashion  
Course #ART-676  .5 Credit  
Students will explore creative new ways to stand out in the advertising world. Students will explore advertising techniques, create new companies, as well as design and illustrate forward-thinking fashion. **Pre-requisite:** Intro Level Art Class

Graphic Art I  
Course #ART-647  1 Credit  
This is an introductory level class designed to involve the student in the use of computers as a tool for image making. Students will build on design skills learned in Studio Art to develop visual images. Digital Photography and the use of software programs such as Adobe Photoshop, Coral Draw and PowerPoint will be introduced. This course serves as an introduction to the world of graphic arts with an emphasis on visual media. Accuracy and professionalism are stressed. **Pre-requisite:** None

Graphic Art II  
Course #ART-643  1 Credit  
This course expands on the ideas and concepts introduced in Graphic Art. Students will apply these and more advanced ideas and techniques with an emphasis on personal expression and portfolio development. A printed portfolio will be required for assessment. Students will also design and produce parts of the yearbook through the use of Adobe Photoshop. Students will lay out pages, create graphics, create advertisements, and take digital photographs. **Pre-requisite:** Graphic Art I

Ceramics I  
Course #ART-613  1 Credit  
This course is designed for students who have an interest in working with clay. Students explore clay through a variety of hand-building techniques and other processes such as glazing, designing, and firing their projects. Students will be creating functional as well as sculptural pieces such as vases, jars, tiles, and bowls. Basic hand-building techniques including pinch, coil, and slab method will be learned. **Portfolio required for completion.**  
**Pre-requisite:** Intro level art class

Ceramics II  
Course #ART-615  1 Credit  
This is an advanced level course that builds on the foundation of techniques learned in Ceramics I. **Pre-requisite:** Ceramics I

Ceramics III  
Course #ART-616  1 Credit  
Ceramics three is offered to students who have two years prior knowledge and experience with clay. Students will complete assignments and will work independently on projects such as: wheel-throwing, ceramic sculpture and experimentation with glazes. **Pre-requisite:** Ceramics I and II

Design & Drawing for Production  
Course #ART-632  1 Credit  
This is an introductory course designed to expose the student to the world of design and drafting. This course emphasizes a universal graphic language through which students can express their ideas with creativity, clarity and exactness. Open to the beginning student. This course is recommended for students considering the fields of Drafting, Engineering and Architecture. **Pre-requisite:** None
Advanced Design & Drawing for Production
Course #ART-634  1 Credit
This is an intermediate level course which explores, in greater depth and detail, problems in design and drawing for production. Emphasis is on learning to complete complex assignments using multiple techniques. Students will be exposed to the preliminaries of Architecture. **Pre-requisite: Design and Drawing for Production**

Architecture
Course #ART-635  1 Credit
This is an advanced course that focuses on the field of architectural design. Students will incorporate the elements and principles of design and will acquire knowledge of architectural styles. Assignments include developing architectural design documents, conceptual design drawings, floor plans, elevation drawings, detail drawings, renderings, and models. Students will draw manually and with CAD. A portfolio is required for completion. **Pre-requisite: Design & Drawing for Production**

Independent Study in Design & Drawing for Production
Independent Study  1 Credit
This is an advanced elective for the drafting major. The class stresses community planning and special design problems. Students work through design process and presentation.
**Pre-requisite: Two or more Drawing & Design for Production classes OR Architecture.**

History of Art
Course # ART 660  .5 Credit
DCC Course #ART-101  3 College Credits
This is a three-credit half year Dutchess Community College class that is an introduction to Western art based on an aesthetic and historical evaluation of artists, styles and cultures from the prehistoric period to the 18th and 19th century. Students will be introduced to the work of ancient cultures through the middle ages, the work of the Renaissance, and through to the French Revolution. **This course is open to Juniors and Seniors.**

History of Modern Art
Course # ART 661  .5 Credit
DCC Course #ART-102  3 College Credits
This is a three-credit half year Dutchess Community College class that is an introduction to modern and contemporary art. The turn of the 20th century saw an explosion of changes which in turn redefined our visual vocabulary. This course introduces the major artists and movements of 19th and 20th century western art. Avant-Garde art of the 19th century, the rise of high modernism and its subsequent decline in the postmodern era will be examined. Issues considered are artistic intention, spirituality in art, the birth and development of abstraction, art with political agendas and the implicit historic contexts of modern art. **This course is open to Juniors or Seniors.**

AP Studio Art-Drawing ±
Course #ART-611  1 Credit
This is an advanced level course designed for the serious and/or college bound art major. This course will focus on individualized instruction, helping students to assemble a college portfolio. The course will prepare select students for meeting requirements for an Advanced Placement Exam. **All students are required to pay a fee to take the AP exam in the spring.** Required homework assignments make it necessary for students to have their own art materials at home. **Summer assignments are required for this class. Each student is responsible for obtaining a work packet at the end of the previous school year (in June) and to bring completed work to the first day of class in September.** **Pre-requisite: Teacher Recommendation**
± Not approved by NCAA
Portfolio Preparation

Course #ART-650 1 Credit

This is an advanced level course designed to provide the serious and/or college bound art major with the opportunity to create a portfolio of work. Through individualized instruction the class will introduce students to the requirements of an AP or college portfolio and help them develop their individual styles. Summer assignments are required for this class. Each student is responsible for obtaining a work packet at the end of the previous school year (in June) and to bring completed work to the first day of class in September. Pre-requisite: One year of Drawing & Painting AND Teacher Recommendation.

Illustration for Cartooning and Graphic Novels

Course #ART-652 1 Credit

This is an advanced art course which focuses on the requirements of illustration and cartooning necessary to complete a graphic novel. Students will build on design and drawing skills learned in Studio Art to develop visual images for sequential art. The course serves as an introduction to illustration and cartooning art with an emphasis on the areas of character construction, graphic design, sequential storytelling, and the history of comics. Accuracy and professionalism are stressed. Pre-requisite: Studio Art OR Teacher Recommendation

CAREER & TECHNICAL EDUCATION (CTE) DEPARTMENT (BUSINESS EDUCATION)

Career and Technical Education (CTE) Endorsement

CTE is a New York State Education Department certified program that allows students to receive a prestigious endorsement on their diploma after meeting specific course requirements. As a result, our students will become more marketable in their college and/or career search. Detailed CTE requirements are available on our Career & Technical Education Department Website Page at www.carmelschools.org

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<td>Work Experience (up to 1 Credit)</td>
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<td>College Management (.5 Credit)</td>
<td>Digital Literacy 101 (.5 Credit)</td>
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<tr>
<td>College Sports &amp; Entertainment Marketing (.5 Credit)</td>
<td>College Accounting (1 Credit)</td>
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<td>College Business Law (.5 Credit)</td>
<td>Video Game Design I (.5 Credit)</td>
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<td>College Business Economics (.5 Credit)</td>
<td>Video Game Design II (.5 Credit)</td>
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<td>Skills for Your Future 101 (.5 Credit)</td>
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<td>Career &amp; Financial Strategies (1 Credit)</td>
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Business Honor Society (BHS)

The New York State Education Department’s primary purpose of the Business Honor Society is to recognize those students who have demonstrated outstanding achievement in a secondary business marketing program. Detailed BHS requirements are available on our Business Department Website Page at www.carmelschools.org

Digital Literacy 101

Course #BUS-538 .5 Credit

This course focuses on technology using Microsoft Office 365. This course is a great foundation for any future career. Pre-Requisite: None

Skills for your Future 101

Course #BUS-539 .5 Credit

This course focuses on Real World Applications using Excel and PowerPoint. This course is a great entry level course for the rest of your high school courses. This course is a great foundation for any future career. Pre-Requisite: None
**Video Game Design I**  
*Course #BUS-548  .5 Credit*  
Are you ready to get in the game? This half-year hands-on course will introduce the students to Video Game Design in a fun and easy text/software design guide that requires no previous knowledge of programming or game design. Video Game Design I shows students the relevance of learning the basics of how to design a video game, incorporating a cross-curricular, STEM-based skill set. **Pre-requisite: None**

**Video Game Design II**  
*Course #BUS-549  .5 Credit*  
This half-year course is the continuation of Video Game Design I. This course will include advanced game build features. **Pre-requisite: Successful completion of Video Game Design I OR Teacher Recommendation.**

**College Accounting**  
*CHS Course #BUS-565  1 H.S. Credit*  
*DCC Course #BUS-565 (Financial Accounting)  4 College Credits*  
This course introduces students to the real world of accounting in today’s business environment. This course provides a thorough knowledge of basic accounting concepts and procedures. Students advance from manual accounting to computerized accounting. This class is a stepping-stone for those entering the field of accounting or majoring in Business Administration in college. **This course can be taken for college credit through Dutchess Community College (DCC). Four (4) potential college credits can be gained at no cost to the student. A student must complete DCC application prior to enrollment in this class.** This course can be used to fulfill one of the Math Electives. **Open only to juniors and seniors. Pre-requisite: None**

**College Business Law**  
*CHS Course #BUS-570  .5 H.S. Credit*  
*STAC Course #BUS-205 (Business Law I)  3 College Credits*  
The focus of this course is on the practical application of the law in our day-to-day business activities. This includes the study of the court system; court procedures; rights and responsibilities of citizens; contract law; insurance; employment; wills and estates; and renting and buying real property. **This course can be used to fulfill the Law requirement for graduation. This course can be taken for college credit (3 credits) through St. Thomas Aquinas. There is a fee and an application deadline (September). Open only to juniors and seniors. Pre-requisite: None**

**College Management**  
*CHS Course #BUS-595  .5 H.S. Credit*  
*STAC Course #MGT-121 (Management & Organization)  3 College Credits*  
This course will involve a hands-on learning experience in: responsibility, management, personal development, citizenship and communications. Students will plan, organize and execute successful projects that will utilize these goals. Such projects include: Public Speaking, Entrepreneurship, Decision Making Case Studies, and International Business. It is recommended that class members join FBLA for leadership experience. This is a great half-year course for business majors. **This course can be taken for college credit (3 credits) through St. Thomas Aquinas. There is a fee and an application deadline (September). Open only to juniors and seniors. Pre-requisite: None**
College Sports & Entertainment Marketing
CHS Course #BUS-555 .5 H.S. Credit
STAC Course #MKT-102 (Principles of Marketing) 3 College Credits
This course is designed for students who are interested in the field of Marketing from the perspective of Sports and Entertainment. This course will teach the basic principles and practices of marketing as they relate to everyone as a consumer and worker. Included in this course are: the functions of marketing, research, promotion and management. Students will have the opportunity to plan sales presentations and begin making career choices in the field of marketing. This course can be taken for college credit (3 credits) through St. Thomas Aquinas. There is a fee and an application deadline (January). Open only to juniors and seniors. Pre-requisite: None

Math & Financial Applications
Course #BUS-510 1 Credit
This course is designed to prepare students for college level business programs and an understanding of the complex financial world that they will encounter during their lives. It will provide an overview of the consumer and his/her need for informed personal financial decisions. Topics include: money management, budgeting, saving & investment, taxes, credit cards, and interest rates just to mention a few. This course can be used to fulfill one of the mathematics requirements for graduation. Pre-requisite: Successful completion of Algebra.

College Business Economics
Course #BUS-512 .5 H.S. Credit
STAC Course #BUSA-207 (Personal Financial Management) 3 College Credits
This course provides an overview of how the economy works in order for students to make informed personal financial decisions & judgments. Topics include: Supply/Demand, Scarcity, economic systems, money management and planning, budgeting, tax planning credit and borrowing, saving and investment, housing, taxes, and retirement and estate planning. This course can be used to fulfill the Economics requirement for graduation. This course can be taken for college credit (3 credits) through St. Thomas Aquinas. There is a fee and an application deadline (January). Open only to juniors and seniors. Pre-requisite: None

Work Experience
Course #BUS-599 up to 1 Credit
This program allows the student to be placed with an employer for the purpose of learning work-related skills. Students will earn school credit as well as a salary. Students are given the opportunity to be placed in the field for which he/she is being trained and will gain valuable experience. Student must be 16 or older and need to obtain the Application for Employment Certificate. 150 hours = .5 credit; 300 hours = 1 credit.

Career & Financial Strategies
Course #BUS-522 1 Credit
This course teaches the skills and knowledge that all students need for career and college readiness. It is also designed to help incoming freshmen make the transition from the Middle School to the High School through the use of activities that include an orientation to the High School, study skills, self-assessment and team building. Students will explore careers and develop workplace skills to ensure effective job performance. During this course, the students will complete working papers, create a resume, fill out a job application, prepare for an interview and develop financial literacy which will include budgeting, checking accounts and credit cards. Pre-requisite: Required for the ninth grade curriculum as the student’s schedule permits.
**ENGLISH**

High School English encompasses the areas of literature, composition, spelling, grammar, speaking, reading and listening skills. The primary focus of instruction at each grade level is literature and nonfiction which is used as the basis for the development of all of the related skills.

**Regents Level Program:**
By New York State mandate, all students are required to pursue a Regents level course of study. Beginning with their freshman year, students are immersed in Regents preparation. By June of junior year, all students are required to take the New York State Regents exam in English Language Arts (Common Core) and graduation is dependent upon achieving a passing grade on that exam.

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<td>English 9</td>
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<tr>
<td>Eng-062</td>
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<tr>
<td>Eng-071</td>
<td>English 11</td>
<td>1 Credit</td>
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<tr>
<td>Eng-080</td>
<td>English 12</td>
<td>1 Credit</td>
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**English 9 Workshop**
*Course #ENG-093 .5 Credit*
For those 9th graders who earned a score of 1 or 2 on the 8th grade NYS English Language Arts assessment or scored below grade level on the 8th grade reading assessment, English workshop is strongly recommended. Other factors to be considered will be scores in English 8 and teacher recommendation. The English Workshop teachers will use ACHIEVE 3000 and other reading comprehension strategies and resources to assess the needs of each student, to discover the best way to help the student improve their literacy skills and boost their reading level. The main emphasis of the class will be on practicing reading strategies to improve reading comprehension and reading fluency. The course meets every other day.

**English 10 Workshop**
*Course #ENG-094 .5 Credit*
For those 10th grade students who took English 9 Workshop and have a Lexile score less than 1100 at the end of 9th grade, this course is mandatory. Other factors to be considered will be scores in English 9 and teacher recommendation. The English Workshop teachers will use ACHIEVE 3000 to assess the needs of each student to discover the best way to help the student excel in English. The emphasis will be on practicing reading strategies to improve reading comprehension and reading fluency. The course will also help students to improve their writing skills.

**English 9H**
*Course #ENG-051 1 Credit*
Students in the honors program should demonstrate outstanding potential in the language arts. They should also have a good work ethic, combined with excellent reading and writing skills. **Pre-requisite: A minimum 90 average plus a teacher recommendation to sit for entrance exam.** Entrance exam (Writing/Reading Comprehension) will determine final placement.
Students in the honors program have shown outstanding performance in language arts. The reading level of the honors student should be at least two years above grade level. Admission to the honors program is through a selective screening process. A most important component for honors placement is a good work ethic on the part of the candidate. **Pre-requisite:** A minimum 90 average (85 for students in 9 Honors) to sit for entrance exam is required. Teacher recommendation and entrance exam (Writing/Reading Comprehension) will determine final placement. **ENGLISH 10H STUDENTS WILL TAKE THE NYS ENGLISH REGENTS IN JUNE.**

**AP English Language & Composition**

*Course #ENG-072  1 Credit*

This course is recommended for students in the 11th grade. The course concentrates on reading and writing about non-fiction genres. Students enrolled in this program are required to take the AP exam at the end of the school year. Success in this examination qualifies a student to receive college credit. This is subject to determination by the individual college. AP English sections require the student complete a summer assignment before the start of the course. **All students are required to pay a fee to take the AP exam in the spring.** Pre-requisite: A minimum 90 average (85 for students in 10H) to sit for entrance exam is required. Teacher recommendation and entrance exam (Writing/Reading Comprehension) will determine final placement.

**AP English Literature & Composition**

*Course #ENG-081  1 Credit*

AP English Literature concentrates on writing about imaginative literature. Students enrolled in this program are required to take the AP exam at the end of the school year. Success in this examination qualifies a student to receive college credit. This is subject to determination by the individual college. AP English sections require the student complete a summer assignment before the start of the course. **All students are required to pay a fee to take the AP exam in the spring.** Pre-requisite: A minimum 90 average (85 for students in 11 AP) to sit for entrance exam is required. Teacher recommendation and entrance exam (Writing/Reading Comprehension) will determine final placement.

**Senior Elective Program:** English electives are offered primarily to seniors. If a student is seeking to complete a five year sequence, or to graduate in three years, they may take electives in their junior year. If space permits, juniors may also take English electives for enrichment purposes. Juniors who take electives are expected to take fall English program of study during their senior year.

**English 12: College Reading and Writing**

*Course #ENG-080  .5 credit  Semester 1(merged with .5 elective choice in semester 2)*

This course is NCAA Approved

A first semester course designed to develop essential academic competencies in reading and writing skills for college-level courses. In this course we will use the writing process, employ specific and focused thesis statements, develop multiple body paragraphs with full and detailed support and integrate source material into a text and document it correctly (MLA format). We will write unified and coherent essays using a variety of rhetorical forms and prepare students for the college application process by focusing on writing college application essays. Reading skills will include learning to establish purpose for reading and adjust purpose while reading, using the text and making and justifying inferences from explicit and/or implicit information. We will also learn to distinguish between fact and opinion. Students will also be able to discuss and respond to text making text-to-text, text-to-self and text-to-world conclusions, and understand how specific rhetorical devices establish meaning.
Electives:

**SUNY Dutchess English 101 – Composition I*  
(Merged with DCC-102)**

**SUNY Dutchess English 102 – Composition II*  
Course #ENG-DCC  1 CHS Credit  Semester 1 & 2  
DCC Course Eng-101(Comp.1) & Eng-102(Comp. II)  6 D.C.C. College Credits**  
These courses are NCAA Approved

English 101 addresses the major principles of college writing, which are meant to serve students in all disciplines across the curriculum. The course concentrates primarily on expository and argumentative writing, traditional rhetorical modes, and effective composing, revising and editing strategies. English 101 covers MLA conventions, and a research paper is required. Critical thinking and reading skills are also stressed. A continuation of ENG-101; reading will include fiction, poetry and drama. Emphasis will be placed upon well organized, written composition, factually supported conclusions and awareness of language variety. Effectiveness of expression and validity of judgment in the student’s writing are stressed. **Pre-requisite:** Students must complete an application to Dutchess Community College. An 80+ average in English 11 and 80 average overall is required for entrance into DCC English 101. Be aware that summer work is required for this course. **Students are required to purchase the class text. Texts: The Prose Reade: Essays for Thinking, Reading and Writing, 9th Edition and The Norton Introduction to Literature – Shorter 10th Edition.  
*These Dutchess Community College courses are linked together for one entire year.**

**SUNY Dutchess Speech 100: Foundations of Communication+  
Course #ENG-075  .5 Credit  Semester 1 or 2  
DCC Course SPE-100  3 college credits**

This is a three credit Dutchess Community College course that is designed to develop students’ knowledge and skills pertaining to the fundamental theories, concepts, vocabulary, and practices related to the discipline of communication. Topic areas the course addresses include the process of communication, as well as verbal, nonverbal, listening, interpersonal, small group, intercultural, organizational, public, and mediated forms of communication. **Pre-requisite:** Open to Juniors and Seniors with an 80% average and cannot be taken in place of English 12/SUNY English.  
+ Not approved by NCAA

**SUNY Dutchess Speech 101-Public Speaking  
CHS Course #ENG-095  .5 Credit  Semester 1 or 2  
DCC Course SPE-101 (Public Speaking)  3 college credits**

This course is NCAA Approved

This course is devoted to the study of oral communication as it relates to the speaker, her/his purpose, subject, outline, presentational aids, delivery and audience. The first part of the course emphasizes the theory of public speaking, while the latter part is concerned with the analysis, preparation and performance in the areas of informative, demonstrative, persuasive and occasional speaking. **Pre-requisite:** This course is open to Juniors and Seniors with an 80% average and cannot be taken in place of English 12/SUNY English.
Creative Writing
Course #ENG-099 .5 Credit Semester 2
This course is NCAA Approved
This course is divided into four main units: poetry, short fiction, play-writing and personal narrative. During the course of their first semester we engage in painting, coloring, designing collages, active reading and, of course, writing, all as a means of exploring self-expression. The emphasis of this class is on the student becoming open to creativity, and sharing work with others. The second semester is designed primarily as a combination of independent written exploration and workshop in small groups. The student’s focus is to explore in depth, an area of writing they experienced during their first semester, compiling a semester-long portfolio of work. The four areas of focus are poetry, short fiction (or the start of a much larger piece), a one act play (or the start of a full-length play), or a collection of personal essays. In this course students will experience more student-teacher workshop time and concentrate on publishing. While the focus is not the traditional study of essay writing, grammar, or reading literature, all of the NYS Standards for ELA are upheld. This course is open to Seniors only. Pre-requisite: None

Mythology
Course #ENG-086 .5 Credit Semester 2
This course is NCAA approved
The mythology of a people is far more than a collection of charming or terrifying tales. It is the commentary of men and women of one particular age or civilization on the mysteries of human existence and the human mind, their model for social behavior, and an attempt to understand the chaotic world around them. These are wonderful stories, rich in surprising incidents, unusual characters, and hidden meanings. While Greek and Roman gods will be the main focus, gods of the Northland and of Celtic Fairyland will also be touched upon. The course will require both analytical and critical writing based upon the tales of love, betrayal, heroism and adventure that students will be reading. Open to Juniors and Seniors only. Pre-requisite: None

Shakespeare
Course #ENG-085 .5 Credit Semester 2
This course is NCAA Approved
A literary/dramatic approach will provide a critical and stimulating basis for the student to go far beyond the usually covered aspects of Shakespeare’s works. Reaction papers and discussion of the plays, the sonnets, and the other poetry will lead the student to a college level understanding of the works of the Bard. Works studied will vary at the discretion of the instructor. Open to Juniors and Seniors only. Pre-requisite: None

English 12/Film and Media ±
Course #ENG-083 .5 Credit
Students will explore the “syntax” of film through a historical survey of the evolution of this very modern art. They will read criticism, theory and screenplays to develop a clear understanding of the many facets of the forum. During the course of the year, we will take a historical perspective, study genre and conduct case studies on the business of producing and promoting film. Projects will include: screenplays, critical anthologies and treatments. We will conduct three “book to film” studies using classic and contemporary literature. Open to Seniors only. Pre-requisite: None
± Not approved by NCAA
MATHEMATICS

Algebra I R
Course #MAT-312  1 Credit
Algebra I is the first mathematics course in high school and the focal point is functions; specifically, linear, quadratic, and exponential functions. Students analyze and explain precisely the process of solving an equation. Through reasoning they develop fluency writing, interpreting, and translating between various forms of linear equations and inequalities and make conjectures about the form that a linear equation might take in a solution to a problem. They reason abstractly and quantitatively by choosing and interpreting units in the context of creating equations in two variables to represent relationships between quantities. They master the solution of linear equations and apply related solution techniques and the properties of exponents to the creation and solution of simple exponential equations. The New York State Algebra I Regents exam which will be administered in June, as a part of this course. This course is required for graduation in New York State. Pre-requisite: None

Algebra I Extended 9 ±
Course #MAT-314  1 Credit
This course accommodates those students whose basic mathematical skills need reinforcement. Algebra I topics will be covered over a two-year time span with this course being the first of the two courses. Students who successfully complete this course will move into Algebra Extended 10 the following school year, where they will take the NYS Algebra I Regents exam in June of tenth grade. Pre-requisite: None ± Not approved by NCAA

Geometry R
Course #MAT-322  1 Credit
Geometry is intended to be the second course in mathematics for high school students. During high school, students begin to formalize their geometry experiences from elementary and middle school, using more precise definitions to establish the validity of geometric conjectures through deduction, proof, or mathematical arguments. Over the year, students develop an understanding of the attributes and relationships of two- and three-dimensional geometric shapes that can be applied in diverse contexts. Pre-Requisite: Successful completion of Algebra I R including a passing grade on the Algebra I Regents Exam AND Teacher Recommendation.

Quantitative Geometry
Course #MAT-327  1 Credit
This course is designed to expose students to the study of geometry while accommodating those students whose basic mathematical skills need reinforcement. Algebraic skills are strengthened when algebraic methods are applied to problem solving of real-world geometric situations. Pre-requisite: Successful completion of Algebra I OR Algebra I Extended 10 including a passing grade on the Algebra Regents exam AND Teacher Recommendation.

Geometry H
Course #MAT-311  1 Credit
Geometry is intended to be the second course in mathematics for high school students. During high school, students begin to formalize their geometry experiences from elementary and middle school, using more precise definitions to establish the validity of geometric conjectures through deduction, proof, or mathematical arguments. Over the year, students develop an understanding of the attributes and relationships of two- and three-dimensional geometric shapes that can be applied in diverse contexts. This course is a more rigorous and extensive study of the topics covered in Geometry R. Pre-requisite: 85% Final Average in Algebra I (GFMS) OR 90% Algebra I R (CHS) AND Teacher Recommendation.
Algebra I Extended 10  
Course # MAT-324  1 Credit  
This course is a continuation of Algebra I Extended 9 (MAT-314). It is specifically designed for students whose basic mathematical skills need reinforcement. There will be an emphasis on fundamental Algebra skills, problem solving, and number sense. The New York State Algebra I Regents exam which will be administered in June, as part of this course. **Pre-requisite: Successful completion of Algebra I Extended 9.**

Algebra II R  
Course #MAT-332  1 Credit  
Algebra II is the capstone course of the three high school mathematics courses and is a continuation and extension of the two courses that precede it. Building on their work with linear, quadratic, and exponential functions in Algebra I, students in Algebra II extend their repertoire of functions to include polynomial, rational, radical, and trigonometric functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers, and solving exponential equations using the properties of logarithms. **Pre-requisite: Successful completion of Geometry R AND Teacher Recommendation.**

Algebra II H  
Course #MAT-321  1 Credit  
Algebra II is the capstone course of the three high school mathematics courses and is a continuation and extension of the two courses that precede it. Building on their work with linear, quadratic, and exponential functions in Algebra I, students in Algebra II extend their repertoire of functions to include polynomial, rational, radical, and trigonometric functions. Students work closely with the expressions that define the functions and continue to expand and hone their abilities to model situations and to solve equations, including solving quadratic equations over the set of complex numbers, and solving exponential equations using the properties of logarithms. Additional topics will be covered from Trigonometry along with several topics from Pre-Calculus. This course is a more rigorous and extensive study of the topics covered in Algebra II R. **Pre-requisite: 85% final average in Geometry Honors OR 90% final average in Geometry AND Teacher Recommendation.**

Algebra II  
Course #MAT-333  1 Credit  
The purpose of this course is to provide students with a basic knowledge for career and/or college readiness. Students will be given the opportunity to strengthen existing algebra skills while learning new concepts and skills. Students will study equations and inequalities, systems of equations and inequalities, complex numbers, functions and their inverses including exponential and logarithmic, polynomial, rational, trigonometric and exponential and logarithmic. **Pre-requisite: Successful completion of Quantitative Geometry OR Geometry R AND Teacher Recommendation.**

AP Calculus AB  
Course #MAT-344  1 Credit  
AP Calculus AB is roughly equivalent to a first semester college calculus course. The AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. This course is intended to be challenging and demanding. **All students are required to pay a fee to take the AP exam in the spring.** College credit may be awarded to students who pass this exam. **Pre-requisite: 85% final average in Advanced SUNY College Pre-Calculus AND Teacher Recommendation.**
Advanced SUNY College Pre-Calculus
Course #MAT-353 1 Credit
DCC Course #MAT-185 4 College Credits
This course is intended primarily for students planning to take calculus. Topics include a study of functions, specifically: linear, polynomial, rational, trigonometric, exponential, logarithmic, and inverse functions. Modeling and data analysis techniques are also employed. Conceptual understanding is emphasized and algebraic skills are reinforced throughout the course. This course can be taken for 4 college credits through SUNY at Dutchess Community College. There is an application fee. Pre-Requisite: 85% final average in Algebra II Honors OR successful completion of SUNY College Pre-Calculus OR 90% final average in Algebra II R AND Teacher Recommendation.

SUNY Statistics
Course #MAT-354 1 Credit
DCC Course #MAT-118 3 College Credits
Basic statistical procedures are developed. Topics include descriptive statistics; probability; probability distributions; hypothesis testing; confidence intervals; correlation and regression. Technology (a graphing calculator from the TI-84 family and statistical analysis software) will be used regularly throughout the course. This course can be taken for 3 college credits through SUNY at Dutchess Community College. Pre-Requisite: Successful completion of SUNY College Pre-Calculus OR Algebra II Honors with at least an 85% final average OR Algebra II R with at least a 90% final average OR successful completion of Advanced SUNY College Pre-Calculus.

SUNY Calculus I
Course #MAT-355 1 Credit
DCC Course #MAT-221 4 College Credits
This course introduces differential and integral calculus using polynomials, exponential, logarithmic, and trigonometric functions. Topics include continuity, limits, the derivative, differentiability, techniques and applications of differentiation, the definite integral, the Fundamental Theorem of Calculus, mathematical modeling and computer applications. This course can be taken for 4 college credits through SUNY at Dutchess Community College. Pre-Requisite: Successful completion of SUNY College Pre-Calculus OR Advanced SUNY College Pre-Calculus.

SUNY Pre-Calculus
Course #MAT-360 1 Credit
DCC Course #MAT-185 4 College Credits
A course designed to build on the skills developed in Algebra I, Geometry, and Algebra II in preparation for college level mathematics. Topics include a study of functions, specifically: linear, polynomial, rational, trigonometric, exponential, logarithmic, and inverse functions. Modeling and data analysis techniques are also employed. Conceptual understanding is emphasized and algebraic skills are reinforced throughout the course. An introduction to calculus is included as a part of the course. This course can be taken for 4 college credits through SUNY at Dutchess Community College. A DCC application will need to be completed. Pre-Requisite: Successful completion of Algebra II R AND a passing score on the Algebra II Regents Exam OR DCC Placement Exam.
AP Calculus BC  
*Course #MAT-340  1 Credit*

AP Calculus BC is roughly equivalent to both first and second semester college calculus course and extends the content of AP Calculus AB to different types of equations and introduces the topic of sequences and series. Common topics require a similar depth of understanding. This AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. This course is intended to be challenging and demanding. All students are required to pay a fee to take the AP exam in the spring. College credit may be awarded to students who pass this exam. **Pre-requisite: 90% final average in Advanced SUNY College Pre-Calculus AND Teacher Recommendation**

**MUSIC**

**Freshman Band**  
*Course #MUS-660  1 Credit*

This course is designed to provide a performance experience for all ninth-grade woodwind, brass, and percussion players in a band setting. Students will receive basic skill development on their instrument as well as further development of musicianship and notational skills through the performance of appropriate band repertoire. Music of a variety of styles will be covered. This ensemble performs several times a year. **Pre-requisite: Sufficient proficiency on a band instrument.**

**Concert Band**  
*Course #MUS-661  1 Credit*

This course is designed to provide a performance experience for all woodwind, brass, and percussion players in a band setting. Students will focus on skill development on their instrument, as well as further development of musicianship and notational skills through the performance of appropriate band repertoire. Music of a variety of styles will be covered. This ensemble performs several times a year. **Pre-requisite: Sufficient proficiency on a band instrument, grades 10-12.**

**Wind Ensemble**  
*Course #MUS-665  1 Credit*

This course is designed to provide an advanced-level performance experience for all woodwind, brass, and percussion players in a band setting. Students will receive advanced skill development on their instruments as well as further develop their musicianship and notational skills through the performance of appropriate band repertoire. This is the most select of the school’s three bands. Music of a variety of styles will be covered. This ensemble performs several times a year. **Pre-requisite: Audition, grades 10 - 12.**

**Wind Ensemble Honors**  
*Course #MUS-665H  1 Credit*

Students enrolled in the honors section will choose a solo with teacher approval and submit a biographical and historical report on the composer and composition by the end of the first marking period. During the second and third marking periods students will prepare two different sections of the same solo. The final assignment will be to upload an audio/video recording of the performance with accompaniment for summative evaluation by the music faculty. **This course is open to Juniors only. Pre-requisite: Teacher Recommendation**
**Treble Chorus**  
*Course #MUS-673   1 Credit*
This course is designed to provide a performance experience for vocalists in a treble setting. This chorus is only open to Treble Voices. Students will focus on vocal development, as well as further refinement of musicianship and notational skills through the performance of appropriate choral repertoire. This ensemble performs several times a year. Music of a variety of styles will be covered. **Pre-requisite: Audition or placement by music staff based on participation in chorus the previous year, open to grades 10-12.**

**Carmel Chorus**  
*Course #MUS-663   1 Credit*
This course is designed to provide a performance experience for vocalists in a mixed choir setting. Students will focus on vocal development, as well as further refinement of musicianship and notational skills through the performance of appropriate choral repertoire. This ensemble performs several times a year. Music of a variety of styles will be covered. All freshman chorus members participate in Carmel Chorus, in addition to upper classmen. **Pre-requisite: Sufficient proficiency in voice.**

**Concert Choir**  
*Course #MUS-664   1 Credit*
This course is designed to provide an advanced-level performance experience for all vocalists in a mixed choir setting. Students will focus on advanced vocal development as well as further refinement of musicianship and notational skills through the performance of appropriate choral repertoire. This is the most select of the school’s three choruses. Music of a variety of styles will be covered. This ensemble performs several times a year. **Pre-requisite: Audition, grades 10-12.**

**Concert Choir Honors**  
*Course #MUS-664H   1 Credit*
Students enrolled in the honors section will choose a solo with teacher approval and submit a biographical and historical report on the composer and composition by the end of the first marking period. During the second and third marking periods students will prepare two different sections of the same solo. The final assignment will be to upload an audio/video recording of the performance with accompaniment for summative evaluation by the music faculty. **This course is open to Juniors only. Pre-requisite: Teacher Recommendation**

**Comprehensive Musicianship**  
*Course #MUS-658   1 Credit*
The essentials of musical notation, theory, and history will be explored using mostly guitar as performance tools. **Pre-requisite: None**

**Freshman Orchestra**  
*Course #MUS674   1 Credit*
This course is designed to provide a performance experience for all ninth-grade string players in a string ensemble setting. Students will receive basic skill development on their instrument as well as further development of musicianship and notational skills through the performance of appropriate orchestra repertoire. Music of a variety of styles will be covered. This ensemble performs several times a year. **Pre-requisite: Sufficient proficiency on an orchestra instrument.**
**Concert Orchestra**  
*Course #MUS-672  1 Credit*  
This course is designed to provide a performance experience for all string players in an orchestral setting. Students will focus on skill development on their instrument, as well as further refinement of musicianship and notational skills through the performance of appropriate string orchestra repertoire. This ensemble performs several times a year. **Pre-requisite: Sufficient proficiency on a string instrument, grades 10-12.**

**Symphony Orchestra**  
*Course #MUS-662  1 Credit*  
This course is designed to provide an advanced-level performance experience for all string players in an orchestral setting. Students will focus on advanced-level skill development on their instrument, as well as further refinement of musicianship and notational skills through the performance of appropriate string and full orchestral repertoire. This class is open to string students by audition. This group performs throughout the year. **Pre-requisite: Audition, grades 10-12.**

**Symphony Orchestra Honors**  
*Course#MUS-662H  1 Credit*  
Students enrolled in the honors section will choose a solo with teacher approval and submit a biographical and historical report on the composer and composition by the end of the first marking period. During the second and third marking periods students will prepare two different sections of the same solo. The final assignment will be to upload an audio/video recording of the performance with accompaniment for summative evaluation by the music faculty. **This course is open to Juniors only. Pre-requisite: Teacher Recommendation**

**Music Lessons**  
*Course #MUS-650  .25 Credit*  
Students are enrolled concurrently with a performing ensemble. Instruction is given in a large group setting. **Pre-requisite: None**

**Music History**  
*Course #MUS-680  1 Credit*  
This course is designed to provide students with a knowledge of different time periods within music. The course will begin with the Renaissance, and continue through to the music of today. By engaging students to learn about certain time periods and how they relate to present day music, it will heighten their musical skills utilizing what they have learned in the class for their own personal performances. Non-performing students will find the class interesting with regards to certain works that are connected to significant events throughout history. Some music theory will be involved with the learning of major works discussed in the class. **Open to grades 9-12. Pre-requisite: None**

**AP Music Theory**  
*Course #MUS-656  1 Credit*  
Topics will include scales, chords, modes, ear training, sight singing and four-part harmony. The class prepares students to take the AP exam in the spring and reflects the work load equivalent to that of an introductory college music theory class. **Students in MUS-656 are required to pay a fee to take the AP exam in the spring. Pre-requisite: Permission of the course instructor; placement exam to be given in the spring preceding the course.**
NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

If a student intends to participate in Division I or Division II College Athletics, he/she must register as a student-athlete and be approved by the NCAA. Register with the NCAA Eligibility Center at www.ncaa.org. Eligibility requires approved core courses which can be found on the NCAA website with all the requirements to be a student athlete at the collegiate level. Check with your counselor that the courses you choose are approved and not courses denied by the NCAA.

PHYSICAL EDUCATION

Physical Education 9-12
Course #PHE-780A .5 Credit each year
Physical education course geared for students in grades 9 through 12 who prefer to learn and participate in team sports and lifetime activities to encompasses a wide range of curriculum units including individual, team, and competitive sports. The course will focus on strategies, organization, sportsmanship, participation, and tournament play. Activities include but are not limited to; soccer, flag football, ultimate frisbee, badminton, and pickle ball.

Physical Education 9-12
Course #PHE-780B .5 Credit each year
Physical education course geared for students in grades 9 through 12 who prefer to learn and participate in lifetime sports and activities focused on lifelong fitness and its direct correlation to mental and physical wellness. One of the goals is to empower all students with skills to sustain lifelong physical activity by promoting knowledge, confidence, and familiarity of varying lifetime sports/recreation activities. Examples include but are not limited to; yoga, archery, tennis, strength training, circuit training, golf, and FIT for Life curriculum.

Adaptive Physical Education
Course #PHE-788 .5 Credit
Adaptive physical education means a specially designed program of developmental activities, games, sports and rhythms suited to the interests, capabilities and limitations of students with disabilities who may not safely or successfully engage in unrestricted participation in the activities of the regular physical education program. Pre-requisite: None

Introduction to Dance
Course #PHE-782 .5 Credit
This is an elective to traditional physical education classes. This will be a year-long class and will include elements of fitness, jazz dance, social dance, ballet techniques, modern dance, hip hop and contemporary dance. Much focus is given to dance as a lifetime fitness activity. The Course is open to all students in grades 10, 11 & 12. Pre-requisite: None

Advanced Dance
Course #PHE-783 .5 Credit
This class is intended for all dance students wishing to improve their technical dance skills. Emphasis is placed on more advanced concepts and techniques. Students do not need to already be at an advanced level of ability, however, they must be serious about improving their skills. This class will incorporate many of the same dance skills as the introductory dance class, adding in additional styles, all the while moving at a slightly faster pace. Pre-requisite: Introduction to Dance or Teacher Recommendation.
HEALTH EDUCATION

Health
Course #PHE-781 .5 Credit
The course will be organized to include level (11) conceptual areas; Human Growth and Development, Emotional Health, Nutrition, Environmental Health, Family Life Education (includes sex education), Diseases and Disorders, Consumer Health, Alcohol, Tobacco and Other Drug Substances, Safety, First Aid, CPR, Community Health, and Healthful Life Styles. **Pre-requisite:** None

SCIENCE

Earth Science
Course #SCI-202 1 Credit
The Regents Earth Science program provides inquiry and lecture experience in the following areas; glaciers, mountain building, weathering and erosion, geologic history and geology, the universe, the prediction of weather and its causes and effects on man and his environment. Laboratory investigations are required as a part of the course. **Pre-requisite:** None

The Living Environment (Biology)
Course #SCI-206 1 Credit
Topics included in this course are: the study of life, maintenance of plants and animals, reproduction and development, modern genetics, evolution and ecology. A weekly laboratory program stressing individual work is a required part of this course and must be completed before the final examination. **Pre-requisite:** Successful completion of Regents Earth Science.

The Living Environment Honors (Biology H)
Course #SCI-201 1 Credit
This course is a comprehensive course for students who have previously demonstrated a high level of achievement in science. The final examination will be the New York State Regents (Biology) Living Environment Examination. **Pre-requisite:** A 90% or greater average in Earth Science AND 90% or greater score on the Earth Science Regents Exam.

Active Chemistry
Course #SCI-242 1 Credit
This course will provide a chemistry curriculum that is dynamic and informative. This course will be a hands-on lab-oriented approach to chemistry. Students will learn the basic concepts of Chemistry through application of multiple laboratory techniques. **Pre-requisite:** Successful completion of the Living Environment Course and Regents.

Chemistry
Course #SCI-212 1 Credit
All science majors or students who expect to take chemistry in college should take this course. Topics covered include matter and energy, atomic structure, periodic table, bonding and intermolecular forces, mathematics of chemistry, solutions, kinetics and equilibrium, acid-base theories, redox and electrochemistry. The final examination will be a cumulative lab practical. **Pre-requisite:** Successful completion of Earth Science, Living Environment and Algebra courses with a minimum grade of a 75% in each course AND Regents (if applicable) OR successful completion of Active Chemistry with a grade of 85% or higher.
**Chemistry II**  
*Course #SCI-211  1 Credit*  
This is a comprehensive and rigorous course for students who have previously demonstrated a high level of achievement in math and science. All science majors or students who expect to take upper-level chemistry courses in college should take this course. Topic covered include matter and energy, atomic structure, periodic table, bonding and intermolecular forces, mathematics of chemistry, solutions, kinetics and equilibrium, acid-base theories, redox and electrochemistry. The final exam will be a cumulative lab practical.  
**Pre-requisite:** 85% final average or higher in Algebra I R AND 90% final average in Earth Science and 90% in Earth Science Regents.

**Physics**  
*Course #SCI-214  1 Credit*  
This lab based course is designed for the college bound student. Emphasis is placed on real world applications of physics and is oriented towards mathematical problem solving. Topics covered include classical mechanics, collisions, projectile motion, electricity and magnetism, energy, wave phenomena, nuclear physics and modern physics. This course utilizes skills in basic Algebra and Trigonometry.  
**Math Pre-requisite:** Co-enrollment or successful completion of Algebra II Regents.

**AP Physics I**  
*Course #SCI-215A  1 Credit*  
This course is the equivalent to a first-semester college course in algebra-based physics and is designed for the next generation of scientists and engineers. The course covers classical mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It will also introduce electric circuits. This course concludes with both the AP Physics 1 exam and a local final exam. Successful completion of this course and exam may result in college credit. **All students are required to pay a fee to take the AP exam in the spring.**  
**Science Pre-requisite:** Successful completion or co-enrollment in Honors Chemistry OR 85% final average in Chemistry. **Math pre-requisite:** Co-enrollment or successful completion of College Pre-Calculus

**AP Physics II**  
*Course #SCI-215B  1 Credit*  
This course is the equivalent to a second-semester college course in algebra-based physics and is designed for the next generation of scientists and engineers. The course covers fluid mechanics; thermodynamics; electricity and magnetism; optics; and atomic and nuclear physics. Successful completion of this course and exam may result in college credit. **All students are required to pay a fee to take the AP exam in the spring.**  
**Science Pre-requisite:** Successful completion of AP Physics I OR 85% final average in Physics. **Math Pre-requisite:** Co-enrollment or successful completion of College Pre-Calculus

**AP Biology**  
*Course #SCI-205  1 Credit*  
This course is designed to be the equivalent of a full year (2 semesters) of college level introductory biology. Students will study aspects of biochemistry, cell structure/division, energy mechanisms, classical/molecular genetics, evolution, botany, ecology, taxonomy and human physiology. Lab techniques used in the course are consistent with modern scientific research and include: gel electrophoresis, spectrophotometry, microscopy and micropipette manipulations. This course requires the student complete a summer assignment before the start of the course. **All students are required to pay a fee to take the AP exam in the spring.** **Pre-requisite:** 80% or higher in Chemistry OR Chemistry Honors. Students must also have a minimum class average of 85% in Biology and 85% on the Regents Biology Exam. **Note:** Select students may enroll in AP Biology provided they are concurrently enrolled in Honors Chemistry and have earned a score or 600 or higher on the SAT II in Biology.
AP Chemistry
Course #SCI-210  1 Credit
The AP Chemistry course is designed for the student interested in studying introductory college chemistry. The descriptive chemistry portion of the course investigates chemicals as to their availability, uses, precautions in handling and reactions with other chemicals. The chemical calculation portion of the course teaches the student how to translate information presented. Areas of investigation include solutions and concentrations, acids and bases, oxy-redox reactions, equilibrium, kinetics, thermodynamics and stoichiometry. The students will also be exposed to laboratory procedures, both theoretical and practical. A review for the AP Chemistry examination will be provided. All students are required to pay a fee to take the AP exam in the spring.
Science Pre-requisite: 85% or higher in Chemistry OR Chemistry Honors AND 85% or higher in Algebra and Algebra Regents exam.

Biology A/B
Course #SCI-207 (A)  1 Credit
Course #SCI-213 (B)  1 Credit
This course covers the NYS Living Environment (Biology) curriculum over two years. This class meets daily for a single period. Pre-requisite: Recommendation of GFMS Guidance Counselor or High School Science Teacher.

Environmental Biology
Course #SCI-209  .5 Credit
This half year course will explain the differences between renewable and non-renewable energy sources. It will look at examples of these energy sources, advantages and disadvantages of its use and its effect on the environment. Each student will be required to complete several projects related to this field of study.
Pre-requisite: Living Environment OR Earth Science.

Zoology/Ethology
Course #SCI-208  .5 Credit
This half-year elective course is designed to give the student knowledge of animal behavior in a selected range of topics. Topics include communication, cognition, learning, intelligence, defense strategies, predator/prey relationships, mating, sexual selection, social behavior, foraging, migration, the brain and human behavior. Animal anatomy is also explored through in-class and on-line dissections. Class units will be supplemented with other topics of interest, including current events. Emphasis will be placed on active Internet research. Topics of research include training animals, the usage of sign language by gorillas and chimpanzees, insect and vertebrate pests and the mechanism of various psychoactive drugs on the human brain. Pre-requisite: Earth Science

Oceanography/Astronomy
Course #SCI-217  1 Credit
This course is designed to expose the student to major understandings in the areas of oceanography and astronomy. In order to fully understand his surrounding, one must understand the space. It is in the areas of space and the ocean that most of today’s scientific research is conducted. Laboratory experiments are a part of the course, with data collection done in the classroom. Here students will be made aware, through various activities, of the total effect of astronomy and oceanography on their daily lives. Practical application of local value will be used.
Intro to Science Research
Course #SCI-230  1 Credit

Science Research
Course #SCI-233  1 Credit

Advanced Science Research
Course #SCI-235  1 Credit
SUNY Course #ACAS 110/210 (Methods in Science Research)  12 Credits**
This three year program affords students the opportunity to participate in the community of scientific research as part of their high school experience. It develops research, communication and time management skills while drawing from the scientific capabilities among a broad spectrum of the student body. Students enrolled in the program accomplish the following: choose and explore a topic of interest from the physical, natural or social sciences using professional literature; prepare a plan for intended research; conduct original research under the supervision of a scientist or research mentor; formally present their research in local, state and national competitions for scholarships. **This course can earn students’ up to 12 college credits, if the student is registered at SUNY Albany, after completion of the sophomore year. College credit and weighting may be earned in Science Research and Advanced Science Research. Honors weighting will be assigned to students completing Introduction to Science Research. Can be open to freshmen, but freshmen cannot earn college credit. Pre-requisite: Successful application process, teacher recommendation and a minimum of 85% class averages in all Regents math and science courses. College credit is awarded only to those students who have an official mentor (expert in their field) supervising their research. Application for college credit through the University of Albany is on-line and is the responsibility of the student. Co-Requisite: Maintain an 85% average in all Regents/Honors level Math and Science courses.

Forensics
Course #SCI-222  1 Credit
This course focuses on different methodologies used by crime scene and forensic investigators. Topics such as evidence collection, fingerprint and handwriting analysis, DNA, arson, ballistics, and serial killers will be studied. Throughout the course, students will be asked to work both independently and as a member of a group. Mandatory final projects will demonstrate understanding of material learned during the course. Open to Juniors and Seniors only. Math Pre-requisite: Algebra AND successful completion of Algebra Regents.

SUPA Forensics
Course #SCI-800  1 Credit  4 College Credits from Syracuse University
Introduction to Forensic Science (Chemistry 113), is focused upon the application of scientific methods and techniques to crime and law. Recent advances in scientific methods and principles have had an enormous impact upon science, law enforcement and the entire criminal justice system. In this course, scientific methods specifically relevant to crime detection and analysis will be presented. Emphasis is placed upon understanding the science underlying the techniques used in evaluating physical evidence. Topics included are blood analysis, organic and inorganic evidence analysis, fingerprints, hair analysis, DNA, drug chemistry, forensic medicine, forensic anthropology, toxicology, fiber comparisons, soil comparisons, and fire and engineering investigations, among others. This is a college level course. Adherence to the SUPA (Syracuse University Project Advance) academic policy will be strictly enforced and required to remain in the class. The 2019-2020 tuition of SUPA Forensics is $115 per credit x 4 = $460. Open to Juniors and Seniors only with preference to Seniors.
Prerequisites: Successful completion of Chemistry AND Chemistry Lab Practical/Exam, Algebra AND Algebra Regents.
SUPA Chemistry (106/107) & (116/117)
Course #SCI-225  1 Credit  8 College Credits from Syracuse University

Chemistry 106/107 is a general chemistry course intended for students with an interest or background in science. Chemistry 106, General Chemistry I, presents lectures, demonstrations and recitations focused upon understanding the nature of elements and compounds, chemical reactions, stoichiometry, thermochemistry, the electronic structure of atoms, periodic properties, the nature of bonds, molecular geometry, bonding theories, and the properties of gases. A general, basic understanding of math and algebra, including an understanding of decimals, exponents, logarithms, quadratics, and algebraic equations, is essential to success in this course (calculus is not required). You should not be taking remedial algebra concurrently with this course.

Chemistry 116/117 builds upon the fundamental chemical principles learned in the first semester course (CHE 106/107) and introduces chemical kinetics and thermodynamics, intermolecular forces, detailed chemical equilibria, modern materials, and introductory organic chemistry. A general, basic understanding of math and algebra, including an understanding of decimals, exponents, logarithms, quadratics, and algebraic equations, is essential to success in this course (calculus is not required). You should not be taking remedial algebra concurrently with this course. The 2020-2021 SUPA Chemistry tuition is $155 per credit x 8 credits = $920. Open to Juniors and Seniors only with preference to Seniors. Prerequisites: Successful completion of Chemistry AND Chemistry Lab/Practical Exam, Algebra AND Algebra Regents.

SOCIAL STUDIES

Social Studies requirements mandated by the state for graduation are as follows:

- 9th Grade: Global History & Geography I
- 10th Grade: Global History & Geography II
- 11th Grade: United States History & Government
- 12th Grade: Economics and Law/Government

Students who take AP U.S. Government and Politics/Economics, Government, AP Human Geography or AP World History are exempt from taking Economics and Law/Government classes. Those students are required to pay a fee to take the AP exam in the spring.

Global History & Geography I
Course #SOC-112  1 Credit

Emphasis is placed on Global History which will include geography. Time period will begin from early human history and will continue with human history up to 1750. Pre-requisite: None

Global History & Geography I H
**Pending BOE approval**
Course #SOC-111  1 Credit

Curriculum emphasis is identical to the Regents class. However, expectations, work-load and depth of analysis occur to a greater degree. Pace of instruction and writing requirements are more rigorous. Student must exhibit strong reading and writing skills. There is a heavier emphasis on writing than in the Regents course. Topics will include: The First Civilizations, Classic Societies, the Age of Expanding Connections, and Global Interactions. Pre-requisite: A minimum 95 average plus a teacher recommendation to sit for entrance exam. Entrance exam (Writing/Reading comprehension) will determine final placement.
Global History & Geography II
Course #SOC-122 1 Credit
This is a continuation of Global History and Geography I. Time period will begin with human history at 1750 and continue to present day. Pre-requisite: None

Global History & Geography II H
Course #SOC-121 1 Credit
Curriculum emphasis is identical to the Regents class. However, expectations, work load and depth of analysis occur to a greater degree. Pace of instruction and writing requirements are more rigorous. Student must exhibit strong reading and writing skills. There is a heavier emphasis on writing than in the Regents course. Pre-requisite: Teacher Recommendation required, and a 90% average over four quarters and a 90 or higher on the final exam in Global I.

Global History & Geography I & II Workshop
Course #SOC-113 (I) .5 Credit
Course #SOC-124 (II) .5 Credit
(Description as above)
This class will provide help for those students that may need additional preparation in passing the Regents. A lab class will meet either on odd or even cycle days. Pre-requisite: Teacher Recommendation

US History/Government
Course #SOC-133 1 Credit
The social, political and economic developments of our past are interwoven through a topical approach to American History. Areas of concentration include: America’s people-immigration, slavery and women’s rights; Economics – Labor, agriculture and business development; Government – federal, state, division of and separation of powers; Foreign policy. Pre-requisite: None

History/Government Workshop
Course #SOC-134 .5 Credit
This class will provide help for those students that may need additional preparation in passing the Regents. A lab class will meet either on odd or even cycle days. Pre-requisite: Teacher Recommendation

AP American History
Course #SOC-131 1 Credit
This program is open to the qualified student interested in earning college credit while in high school. The course is a chronological approach and examines the social, economic, political and religious development of our country from the colonial period to modern times. Independent research and out-of-class study are an integral requirement of this program. The Advanced Placement exam in American History is offered in the spring of each year. Please note: This is an AP course therefore it is more accelerated than an honors class. AP American History students are required to complete a summer assignment prior to the start of the course. All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: Teacher Recommendation required AND 88% final average over the first four quarters in Global IIIH, OR a 90% average over the first four quarters AND a 90 or higher on the Regents exam in Global II OR 85% average over four quarters in AP World.
Social Studies 12: Law & Economics  
*Course #SOC-148  1 Credit*
Social Studies 12 involves the areas of Law and Economics. This course acquaints students with the law in various levels of government and its effect on citizens. Constitutional reinforcement of the Bill of Rights is touched upon, but concentration is placed upon everyday application of law. The teacher stresses local law enforcement agencies; local police, county sheriff’s department, town and count judges and citizens’ interaction with those agencies. Business Law can also be used as a Law requirement for graduation. The Economics portion of the course follows the NYSED guidelines and examines three areas: entrepreneurship, personal finance and theoretical economics. Such basic economic concepts as scarcity, supply and demand, markets, productivity, opportunity, cost, specialization, productive resources and interdependence will be studies.  **Pre-requisite: None**

**AP US Government & Politics**  
*Course #SOC-141  1 Credit*
US Government & Politics- Economics provides an analytical perspective on government and politics in the US. This course involves both the study of general concepts used to interpret US politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs and ideas that constitute US political reality.  **All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: Teacher Recommendation required AND a 90% final average in US History OR 85% final average in AP American History.**

**AP Psychology**  
*Course #SOC-166  1 Credit*
This course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. **This course is only open to Juniors and Seniors (with preference given to seniors). All students are required to pay a fee to take the AP exam in the spring. This course is only open to Senior students. Pre-requisite: Teacher Recommendation required AND an 85% final average in the previous year’s Social Studies classes.**

**AP Human Geography**  
*Course #SOC-164  1 Credit*
AP Human Geography will teach students about the patterns and processes that explain how and why we live where we do. We delve into how humans have changed the earth, been changed by the earth, and how they have interacted with each other on the earth. It is a course that focuses on the present, using the past simply to understand the present. Topics include globalization and regionalization, population and migration, culture and ethnicity, land use, both urban and rural, industrialization and economic development. The Advanced Placement examination is required in May. **All students are required to pay a fee to take the AP exam in the spring. This course is only open to Junior and Senior students (with preference given to seniors). Pre-requisite: Teacher Recommendation required AND an 85% final average in the previous year’s Social Studies classes.**

**Child Psychology**  
*Course #SOC-153 .5 Credit*
This course takes a pragmatic approach to developmental problems in infancy, pre-school, childhood, adolescence, adulthood, middle age and old age. Emphasis is placed upon the psychological problems inherent to each stage. Much of the course is based on situational problem solving. Evaluation is done through take-home examinations and term paper assignments.  **This course is only open to Sophomores, Junior and Senior students. Pre-requisite: None**
U.S. Civil War
Course #SOC-157 .5 Credit
This course is NCAA Approved
This course acquaints the student with the causes, duration and consequences of the U.S. Civil War. Special emphasis is placed on discussing slavery, sectional differences of the 1850’s and the politics of the period. The military history of the Civil War is a main ingredient of the course and special emphasis will be placed on the everyday life of “Billy Yank” and “Johnny Reb”. Reconstruction and the long-range result (up to the present) of the Civil War will be covered. This course is offered first to Freshmen and Sophomore students. Pre-requisite: None

Modern American History, World War II to Present
Course #SOC-158 .5 Credit
This course is NCAA Approved
This course is a political, economic, social and military history of the United States from Pearl Harbor to the present. The intent is to examine the events and issues that challenged Americans to exert leadership within the world community of nations in dangerous times. Special emphasis will be placed on those events from our “recent past” (Vietnam, “the 60’s”, Civil Rights and Feminism, the “end” of the Cold War, new shifting political forces) that do much to explain our current domestic and world views. This course is only open to Juniors and Seniors. Pre-requisite: None

Nazi Germany
Course #SOC-159 .5 Credit
This course is NCAA Approved
This course examines the political, social, economic, intellectual and religious sources of the Holocaust, traces its course, and analyzes the way in which it has been interpreted by different nations and historians. Special attention is given to the history of European antisemitism, the relationship among Nazi ideology, Hitler, and the Holocaust, the stages of the “Final Solution”, Jewish resistance, behavior of other nations, and the meaning of the Holocaust for the present and the future. Students are responsible for reading articles to participate in class discussions. This course is open to Sophomores with a teacher recommendation and to Junior and Senior students. Pre-requisite: None

Revolutionary War
Course #SOC-160 .5 Credit
This course is NCAA Approved
This course will acquaint students with the causes, colonial development and military perspective of the Revolutionary War. Major elements of the course consist of the impending crisis that led to Lexington and Concord, the military history and economic life of the American Colonies. A loyalist versus patriot perspective will also be presented. Special emphasis will be placed on the military life of the common 18th century soldier. This course is offered first to Freshmen and Sophomore students. Pre-requisite: None
AP World History
Course #SOC-126  1 Credit
This course is NCAA Approved
This program is open to the qualified student interested in earning college credit while in high school. The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This course covers world history from 8000 BCE to the present and culminates with the Advanced Placement Exam in World History. The course builds on an understanding of cultural, institutional and technological precedents that, along with geography, set the human state. Independent research and out-of-class study are an integral requirement of this program. Open to Sophomore students first. All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: 95% total average (4 quarters and final exam) AND a sample chapter outline completed in the second half of the year.

Sports History ±
Course# SOC-162 .5 Credit
The course will use sports as the foundation for not only American history, but world history. Topic the course may cover: The Olympics - the birth of sports, social issues in sports, history of specific sports, the economics of sports past and present. This course is only open to Junior and Senior students. Pre-requisite: None ± Not approved by NCAA

SUNY Racism, Classism and Sexism ±
Course# SOC900 1 Credit 3 College Credits from SUNY Albany
This course is team taught class and is available to Seniors with good academic standing. This course will seek to uncover and understand the societal forces and ramifications of issues of race, class, and gender and how these forces interact and shape our understanding of said concepts. We will explore issues of power as it pertains to race, class and gender and we will delve into the historical underpinnings of these concepts as well as their more “popular” manifestations. Pre-requisite: Teacher Recommendation. Only open to Seniors. Fee = $160 for College Credit. ± Not approved by NCAA

SUNY Sociology (DCC-BHS 103: Social Problems in Today’s World)
**Pending BOE approval**
Course# SOC-902 1 Credit 3 College Credits from SUNY Dutchess Comm. College
This course is an examination of current social problems that confront the individual, the United States and the international community. Concepts of the behavioral sciences are introduced. The course presents a broad range of social problems, with particular focus on the complex relationships between contemporary issues. Students are presented the current research data that explains both the causes and possible resolutions to important social issues. In general, at the end of the semester students will have a basic understanding of how sociologists view social problems and how they study them. Dutchess Community College credits may be earned in this course. This course is only open to Junior and Senior students. Cost for this course yet to be determined.

Modern Terrorism: The Coming and Impact of 9/11
**Pending BOE approval**
Course # SOC-175 .5 Credit
Modern terrorism will teach students about the motivations and actions taken by terrorists and the rise of terrorist organizations beginning in the late 1970’s – the present day. While this course will focus mainly on the rise of Islamic radical groups, there will also be a portion of the class dedicated to domestic terrorism within the United States. Pre-requisite: None
SPECIAL EDUCATION DEPARTMENT
THE GOALS AND OBJECTIVES OF THE SPECIAL EDUCATION DEPARTMENT PARALLEL WITH
THE NEW YORK STATE EDUCATION DEPARTMENT STANDARDS

Resource
Course #SPE-900    0 Credit
Instruction in organization, study skills and time management, as well as individualized academic assistance, is provided to assist students as they work to master IEP goals and the demands of the Regents curriculum.

Bridge Program
Course #SPE-BRI    Credit Bearing
A program designed to help 9th and 10th grade Special Education students acclimate to the high school environment and its academic expectations while becoming productive students at Carmel High School. This is a two year transition program designed for students with academic and emotional needs. The goal is to successfully transition these students into a less restrictive academic environment within Carmel High School while exposing them to Regents level curriculum.

CORE CLASSES FOR BRIDGE PROGRAM

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<td>English 9</td>
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<td>Course #SPE-990 1 Credit</td>
<td>Course #SPE-991 1 Credit</td>
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<tr>
<td>Biology A</td>
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<td>Career and Finance</td>
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<td>Course SPE-596-1 1 Credit</td>
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PACE A,B
Course #SPE-975 Non-Credit Bearing
The PACE program consists of Special Education classes that are designed for students in grades 9-12 who are grouped according to ability levels rather than age or grade level. The program consists of an academic component which takes place at C.H.S., a vocational component in the community through Job Coaching and vocational education at BOCES (depending on grade level and IEP requirements). The students in the PACE Program follow a course of study which makes them eligible for the SACC Credential. Students are instructed in Life Skills in the areas of English, Math and Social Studies and learn fundamental skills that prepare them for the workforce after high school.
CO-TEACHING CLASSES ARE AVAILABLE IN EACH DEPARTMENT DEPENDING ON GRADE LEVEL AND IEP REQUIREMENTS.

ENGLISH – SPECIAL EDUCATION

English 9
Course #SPE-990  1 Credit
Our focus is on preparation for the Common Core ELA Exam in the eleventh grade. This is a literature-based language arts program.

English 10
Course #SPE-991  1 Credit
Our focus is on preparation for the Common Core ELA Exam in the eleventh grade. This is a literature-based language arts program.

English 11
Course #SPE-992  1 Credit
Our focus is on preparation for the Common Core ELA Exam. Students will read and interpret fiction and nonfiction texts, including novels, short stories, poems, articles, and electronic texts. Students will follow the English 11 curriculum with a modified approach to instruction and assessment.

English 12
Course #SPE-993  1 Credit
This course encompasses the areas of literature, composition, grammar, speaking, reading and listening. It also affords time to explore education and career possibilities.

Reading
Course #SPE-994  1 Credit
The Wilson Reading Program strengthens reading decoding through a multi-sensory approach. Small groups are based on individual needs. This program, designed for adolescents and adults, will improve reading, spelling, writing and fluency.

MATHEMATICS – SPECIAL EDUCATION

Algebra Extended 9
Course #SPE-809  1 Credit
Designed to follow the Algebra Common Core model and provide students with extra practice on mathematical concepts throughout the Algebra curriculum. During the course of the next two years, students will learn to: extend their understanding of linear and exponential relationships; analyze and explain the process of solving an equation; master the solution of linear equations, inequalities, and exponential equations; use function notation; solve systems of equations; and interpret arithmetic and geometric sequences. This course will complete the first half of the Algebra curriculum and prepare students for the Algebra Regents Exam. The completion of Integrated Algebra is when the students pass the Algebra Regents exam at the end of the following year. N.Y. State requires that every student pass this test in order to graduate from high school. Pre-Requisite: None
Algebra Extended 10
Course #SPE-819  1 Credit
Designed to follow Algebra Extended 9, this course will complete the content of the Algebra curriculum that was not covered in Algebra Extended 9. Course culminates in a June Algebra Regent. **Pre-Requisite:** Successful completion of Algebra Extended 9.

Math and Financial Applications: Special Class Only
Course #SPE-830  1 Credit
This consumer math class is designed to reinforce and extend students’ mastery of basic mathematical concepts by using a variety of realistic, consumer-oriented applications. The students will be presented with many real life situations that demand a specific skill application. The goal is to provide students with the tools necessary to function as independent and wise consumers. **Pre-requisite:** Completion of Algebra

Quantitative Geometry: ICT Only
Course #MAT 327  1 Credit
This course is designed to expose students to the study of geometry while accommodating those students whose basic mathematical skills need reinforcement. Algebraic skills are strengthened when algebraic methods are applied to problem solving of real world geometric situations. **Pre-requisite:** Successful completion of Algebra I OR Algebra I Extended 10 including a passing grade on the Algebra Regents exam AND Teacher Recommendation.

Algebra II: ICT Only
Course #MAT-333  1 Credit
The purpose of this course is to provide students with a basic knowledge for career and/or college readiness. Students will be given the opportunity to strengthen existing algebra skills while learning new concepts and skills. Students will study equations and inequalities, systems of equations and inequalities, complex numbers, functions and their inverses including exponential and logarithmic, polynomial, rational, trigonometric and exponential and logarithmic. **Pre-requisite:** Successful completion of Quantitative Geometry OR Geometry R AND Teacher Recommendation.

SOCIAL STUDIES – SPECIAL EDUCATION

Global History & Geography I
Course #SPE-919  1 Credit
This is the first year of a two year course on World History which culminates in a Global History Regents in June of the second year. The course covers Europe, the Middle East, Africa, China, Japan and Latin America. Global I focuses on events from Pre-history to 1700 A.D. **Pre-requisite:** None

Global History & Geography II
Course #SPE-939  1 Credit
This is the second year of a two year course on World History which culminates in a Global History Regents in June. The course covers Europe, the Middle East, Africa, China, Japan and Latin America. Global II focuses on events from 1700 A.D. to the present day. **Pre-Requisite:** Successful Completion of Global I
U.S. History/Government  
Course #SPE-969  
1 Credit
The social, political and economic developments of our past are interwoven through a topical approach to American History. Areas of concentration include: America’s people-immigration, slavery and women’s rights; Economics - labor, agriculture and business development; Government - Federal, State, division of and separation of powers; Foreign Policy.  
**Pre-Requisite:** None

Economics/Government  
Course #SPE-998  
1 Credit
This course emphasizes economic systems of the world and how they work, as well as civics in the United States. The economics portion has such basic concepts as free enterprise, scarcity, supply and demand, productive resources and interdependence. The government portion emphasizes citizenship.  
**Pre-Requisite:** None

### SCIENCE – SPECIAL EDUCATION

**Biology A**  
Course #SPE-895  
1 Credit
Using single periods over a two-year time span, this course covers the Biology Curriculum. Smaller class size and more “one on one” interaction is a primary tool used to help students succeed at the Regents level.  
**Pre-Requisite:** None

**Biology B**  
Course #SPE-896  
1 Credit
Using single periods over a two-year time span, this course covers the Biology Curriculum. Smaller class size and more “one on one” interaction is a primary tool used to help students succeed at the Regents level.  
**Pre-Requisite:** Successful completion of Biology A

**Forensics: Special Class & ICT**  
Course #SPE-897  
1 Credit
Third year Special Class option. This course focuses on different methodologies used by crime scene and forensic investigators. To be successful, students must have completed the Pre-requisites listed below. Throughout the course, students will be asked to work both independently and as a member of a group. Concepts such as gel electrophoresis, qualitative analysis using paper chromatography and spectrophotometry, anatomy, serology, toxicity, anthropology and document analysis will be studied. Using a variety of computer programs, students will be required to submit a final project.  
**Pre-Requisite:** Completion of Biology or Earth Science

**Active Chemistry: ICT Only**  
Course #SCI-242  
1 Credit
This course will provide a Chemistry curriculum that is dynamic and informative. This course will be a hands-on lab oriented approach to Chemistry. Students will learn the basic concepts of chemistry through application of multiple laboratory techniques.  
**Pre-Requisite:** Successful completion of the Living Environment Course and Regents.
ART – SPECIAL EDUCATION

Adaptive Mixed Media
1/2 year credit
This is a course introducing foundation art skills. Projects will include a variety of mixed art materials, including but not limited to: printmaking, pastels, collage, drawing and painting. Students will be introduced to different artists and cultures through unique projects. This class is designed to improve fine-motor skills and help students with task competition.
Prerequisite: Needs approval from Special Education Department Chair

TECH CENTER AT BOCES YORKTOWN CAMPUS

Courses in the Arts/Humanities, Business Information Systems, Engineering Technologies and Health are taught at the BOCES Technical Center Campus in Yorktown. The Tech. Center also offers Advanced Courses through the New Visions Program in the following areas: Engineering, Environmental Science & Sustainability, Education and Health. Course descriptions are available on line at the BOCES website: www.pnwboces.org/techcenter/tech/index.htm. A separate application, available in the CHS Counseling Office, must be submitted to the BOCES Tech. Center for approval.

TECHNOLOGY

These courses may be used as the third unit of credit (.5 or 1) in Science or Math, but not both.

Introduction to Engineering (IED) (Project Lead The Way Program) ±
Course #INA-745 1 Credit 3 College Credits from Rochester Institute of Technology*
This course from the Project Lead the Way Program is designed for 9th and 10th grade students. The major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards in a STEM based, college level engineering course. Students will use 3-D computer aided drawing software to help them design solutions to solve proposed problems, build projects using 3-D printers and tools and communicate solutions to peers and members of the professional community. For more information on this new program, go to www.pltw.org. *Students must have an 85% average overall and pass an end of year assessment to receive college credit from Rochester Institute of Technology. Pre-Requisite: None
± Not approved by NCAA

Principles of Engineering (POE) (Project Lead The Way Program) ±
Course #INA-733 1 Credit 3 College Credits from Rochester Institute of Technology*
This course from the Project Lead the Way Program is designed for 10th-12th grade students, where they will learn the basic principles of engineering through hands-on projects and apply engineering standards in a STEM based, college level engineering course. This STEM based course will cover mechanisms, energy sources, materials and structures, statics and strengths of materials, fluid power and other engineering principles. Students will use 3-D printers for rapid prototyping, computer aided drawing software to help them design solutions to problems, build projects using machines and tools to communicate solutions to peers and members of the professional community. For more information on this new program, go to www.pltw.org. *Students must have an 85% average overall and pass an end of year assessment to receive college credit from Rochester Institute of Technology. Pre-Requisite: Introduction to Engineering (PLTW IED #INA-745)
± Not approved by NCAA
Engineering Design and Development (EDD) (Project Lead The Way Program) ±
Course #INA-715  1 Credit
Engineering Design and Development (EDD) is the capstone course in the PLTW high school engineering program. It is an engineering research course in which students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. The course applies and concurrently develops secondary level knowledge and skills in mathematics, science, and technology. For more information on this new program, go to www.pltw.org. **Pre-Requisite:** Introduction to Engineering (PLTW IED #INA-745) & Principles of Engineering (PLTW POE #INA-733) **OR** Civil Engineering ± Not approved by NCAA

Civil Engineering (Project Lead The Way Program) ±
Course #INA-717  1 Credit  3 College Credits from Rochester Institute of Technology*
Civil Engineering is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. For more information on this new program, go to www.pltw.org. *Students must have an 85% average overall and pass an end of year assessment to receive college credit from Rochester Institute of Technology. **This course is only open to Sophomores, Juniors and Seniors. Pre-Requisite:** None ± Not approved by NCAA

Robotics
Course #INA-751  1 Credit
This course is designed to enable students to apply concepts of mathematics, the sciences, and engineering through hands-on learning in the topic of robotics. Robotics is an emerging field of technology where engineering, science, math, design, and biology all come together to solve world problems. Students explore the concepts of robotics by examining the history, definition of robotics, and the application of the associated skills through project-based hands-on learning. Project work topics include safe use of basic hand tools, basic electrical circuits and control circuits, Rapid prototyping technologies such as 3D printing, Arduino microcontroller based robots, and cumulating in a FIRST Robotics challenge project. Learning activities in this course will allow students to experience the engineering design process while developing team building and the soft skills necessary for the future. This course is intended to serve as an introduction to the upper level technology courses. **Pre-Requisite:** None

Introduction to Computer Programming
Course #INA-730  1 Credit  3 Syracuse University Credits*
This course is offered with optional registration into Project Advance from Syracuse University (SUPA). Upon completion of the course, *Syracuse registration and *payment the student will have a transcript from Syracuse University with 3 college credits earned for course ECS102 Introduction to Computing. The course is intended for all students wishing to peruse engineering, computer science, and related fields. Students who have obtained a high level of achievement in earlier studies, and wish to be challenged with the rigor of taking a college-level course during their high school career should consider Introduction to Computer Programming. The course covers computing concepts, principles of programming, applications of computing concepts, and problem solving in engineering and computer science. Laboratory topics will include problem solving projects from various engineering disciplines and gaming industries. Acceptable languages are C++ or Java as well as the exploration of multiple operating systems and platforms such as Linux, Arduino, and Raspberry Pi. **Juniors and Seniors only. Pre-Requisite:** Instructors Permission for 10th grade and below Recommended: Geometry, Physics, and Principles of Engineering
Video Production I
Course #INA-727 1 Credit
This course introduces students to the use of digital video production to represent and convey a message effectively. The course will cover all aspects of production, including scripting, camera work, producing and directing, editing and adding media objects such as text, graphics, video, animation, sound and special effects. Students will participate in project-based learning activities to design, develop and produce multimedia products that will enhance their creative writing and journalism skills. These products may be broadcast to classmates, schoolmates and the Carmel School District community. Pre-Requisite: None

Video Production II
Course #INA750 1 Credit
This course provides advanced training in pre and post production jobs and competencies, current industry video equipment and software (Adobe Premiere, After Effects) and the collaborative nature of the creative process involved in video production. Students will analyze and produce examples of techniques and special effects used in various entertainment and industry sectors. Units will be designed around the creation of original videos that students will write, perform, film, and edit. Students will film high school events and original content for RamTV, which may be broadcast to the high school or district wide. Pre-Requisite: Video Production I

Manufacturing Systems Technology
Course #INA-724 .5 Credit (Emphasis on Wood)
Course #INA-725 .5 Credit (Emphasis on Metal)
This class is an exploratory program covering the uses of hand and power tools, the study of wood/metal types and related materials, joinery techniques, assembly and finishing. Students will also take part in a classroom mass production, as well as individual projects. A second half credit Technology course is required to obtain a full unit of credit. Pre-Requisite: None

Home Maintenance
Course #INA-729 .5 Credit
This course is designed for upper level students desiring experience in various areas of home repair. The course covers plumbing, electricity, appliances, sheetrock repair, painting, tile work and minor structural repair. Emphasis is placed on consumer concerns with apartment rentals and home ownership. Pre-Requisite: None

Transportation Systems
Course #INA-726 1 Credit
This course is focused on exploring the fundamentals of the internal combustion engine. Students will disassemble and reassemble a single cylinder engine while studying all of the related mechanical systems. These studies are designed to lead the student toward the understanding of advanced automotive systems. Instruction will include skill development pertaining to tools and test equipment. This course is intended primarily for upper classmen. Pre-Requisite: None

Production Technology
Course #INA-720 .5 Credit
This course provides a working knowledge of production systems in industry. Students will experience using our CNC Machine, Laser Cutting/Engraving Machine and 3-D printing machines to complete projects. Students will learn how to use the machines for mass producing a product. This course provides a background for students who, upon graduation from high school, want to immediately begin work in industry or have a desire to attend a technical school or college. Pre-Requisite: None. However, #INA-745 PLTW Introduction to Engineering Design is recommended or prior knowledge in AutoDesk Inventor is helpful.
Construction Technology
Course #INA-721  .5 Credit
This is a hands-on study of the many systems and skills involved in constructing buildings. The course content includes design, materials selection, and finance arrangement. Students will gain an introductory experience in framing, roofing, plumbing, insulation, electrical work and blueprint reading. Pre-Requisite: None

WORLD LANGUAGES

Spanish I
Course #LAN-410  1 Credit
This is an introductory course open to those who are interested in learning to communicate in Spanish. This course is not designed for students with prior knowledge of the language (Students who speak the language at home). The main objectives are the development of a speaking ability and a capacity to understand a person speaking the Spanish language. Students will also develop an understanding of the cultural aspects of the country. The customs and daily habits of Hispanic people are studied and discussed. Pre-requisite: None

Spanish II
Course #LAN-411  1 Credit
This is a continuation of Spanish I. Special emphasis is placed on idiomatic expressions, vocabulary building and verb conjugations in the Indicative Mood. The four basic components of Spanish are covered; speaking, listening, reading and writing. Pre-requisite: Spanish I

Spanish III
Course #LAN-412  1 Credit
Spanish III expands the work of Spanish II. Stress is given to building the ability to discuss and write everyday topics in Spanish with more advanced vocabulary and grammar. Pre-requisite: Spanish II

Spanish IV
Course #LAN-414  1 Credit
This course is designed to further the communicative abilities in Spanish. The students will gain a greater awareness of Hispanic culture. Students may pursue a college-oriented study of Spanish such as Spanish V/College Level or AP Spanish Language, with teacher recommendation. Pre-requisite: Spanish III

Spanish Level 4 for Heritage Learner
Course #LAN-414HLH  1 Credit
This class is designed for the native speaker who needs to hone the grammar skills which are unique to those students who speak and hear the language at home. The intense study of literature will be related to the various cultures included in the Hispanic world. This will be considered a level 4H class. Pre-requisite: None

Spanish IV/College Level
Course #LAN-415  1 Credit
DCC Course #SPA-201 (Intermediate Spanish I)  3 College Credits
This course provides students with a thorough review of Spanish grammar plus intensive reading and discussion of several short stories. Several poems are also read and discussed as well as assorted articles of current political, cultural or literary significance. Native Spanish speakers are recommended to take this course. Students must pay a fee for college credit and complete an application to Dutchess Community College. Pre-requisite: Completion of Spanish III AND Teacher Recommendation. Only for Juniors and Seniors.
Spanish V/College Level
CHS Course #LAN-435 1 Credit
DCC Course #SPA-202 (Intermediate Spanish II) 3 College Credits
This course is a continuation of Spanish IV/College Level. The course provides a thorough review of Spanish grammar plus intensive reading and discussion of several short stories. Several poems are also read and discussed as well as assorted articles of current political, cultural and literary significance. **Students must pay a fee for college credit and complete an application to Dutchess Community College. Pre-Requisite: Spanish IV/College Level AND Teacher Recommendation. Only for Juniors and Seniors.**

AP Spanish Language
Course #LAN-419 1 Credit
This course is designed for the advanced student in Spanish who plans on taking the AP exam for college credit. Advanced levels of grammar and literature are covered with an emphasis on oral communication. **All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: Level IV Honors AND Teacher Recommendation.**

Introduction to Spanish
Course #LAN-409 1 Credit
This course is offered to only those students who have not earned their required language credit necessary to graduate with a Regents Diploma. A variety of useful vocabulary and language skills will be emphasized. Seniors will be accepted into the program first if there are more than 30 students registering for the class. This **does not** meet the pre-requisite for Spanish Level 2. **Approval by Department Chair required.**

French I
Course #LAN-400 1 Credit
This is an introductory course open to those who are interested in learning to communicate in French. This course is not designed for students with prior knowledge of the language (Students who speak the language at home). The main objectives are the development of a speaking ability and a capacity to understand a person speaking the French language. We are also concerned with developing an understanding of the cultural aspects of the country. The customs and daily habits of French people are studied and discussed. **Pre-requisite: None**

French II
Course #LAN-401 1 Credit
This course is a continuation of French I. Special emphasis is placed on idiomatic expressions, vocabulary building and verb conjugations in the Indicative Mood. The four basic components of French are covered; speaking, listening, reading and writing. **Pre-requisite: French I**

French III
Course #LAN-402 1 Credit
French III expands the work of French II. Stress is given to building the ability to discuss and write everyday topics in French with more advanced vocabulary and grammar. **Pre-requisite: French II**

French IV/College Level
CHS Course #LAN-432 1 Credit
DCC Course #FRE-201 (Intermediate French I) 3 College Credits
Consolidation of basic skills: understanding, reading, speaking and writing. Emphasis on accuracy in speaking and writing as well as understanding complex French. Emphasis is also placed on content of speaking or writing (critical analysis of foreign culture). **Students must complete an application to Dutchess Community College. Pre-requisite: French III AND Teacher Recommendation. Only for Juniors and Seniors.**
French V/College Level
CHASE Course #LAN-433 1 Credit
DCC Course #FRE-202 (Intermediate French II) 3 College Credits
Direct continuation of FRE-201. Consolidation of basic skills: understanding, reading, speaking and writing. Emphasis on accuracy in speaking and writing as well as understanding complex French. Emphasis also on content of speaking or writing (critical analysis of foreign culture). **Students must complete an application to Dutchess Community College. Pre-requisite: French IV AND Teacher Recommendation. Only for Juniors and Seniors.**

AP French Language
Course #LAN-404 1 Credit
This course is designed for the advanced student in French who plans on taking the AP exam for college credit. Advanced levels of grammar and literature are covered with an emphasis on oral communication. **All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: Level IV AND Teacher Recommendation.**

Italian I
Course #LAN-420 1 Credit
This is an introductory course open to those who are interested in learning to communicate in Italian. This course is not designed for students with prior knowledge of the language (Students who speak the language at home). The main objectives are the development of a speaking ability and a capacity to understand a person speaking the Italian language. We are also concerned with developing an understanding of the cultural aspects of the country. The customs and daily habits of the Italian people are studied and discussed. **Pre-requisite: None**

Italian II
Course #LAN-422 1 Credit
This course is a continuation of Italian I. Special emphasis is placed on idiomatic expressions, vocabulary building and verb conjugations in the Indicative Mood. The four basic components of Italian are covered; speaking, listening, reading and writing. **Pre-requisite: Italian I**

Italian III
Course #LAN-423 1 Credit
Italian III expands the work of Italian II. Stress is given to building the ability to discuss and write everyday topics in Italian with more advanced vocabulary and grammar. **Pre-requisite: Italian II**

Italian IV
Course #LAN-424 1 Credit
This course is designed to further the communicative abilities in Italian. The students will gain a greater awareness of Italian culture. Students may pursue a college-oriented study of Italian such as Italian V/College Level, with teacher recommendation. **Pre-requisite: Italian III**

Italian IV/College Level
Course #LAN-426 1 Credit
DCC Course #ITL-201 (Intermediate Italian I) 3 College Credits
This is an intermediate course designed for students with some earlier background in Italian. Emphasis is placed upon developing further conversational ability by study and reading from suitable Italian literary work. Native Italian speakers are recommended to take this course. **Students must pay a fee for college credit and complete an application to Dutchess Community College. Pre-requisite: Completion of Italian III AND Teacher Recommendation. Only for Juniors and Seniors.**

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AP Italian Language and Culture V  
Course #LAN-428  1 Credit  
This course is designed for the advanced student in Italian who plans on taking the AP exam for college credit. Advanced levels of grammar and literature are covered with an emphasis on oral communication. All students are required to pay a fee to take the AP exam in the spring. Pre-requisite: Level IV Honors AND Teacher Recommendation.

Italian V/College Level  
CHS Course #LAN-436  1 Credit  
DCC Course #ITL-202 (Intermediate Italian II)  3 College Credits  
This course is a continuation of Italian IV/College Level. Emphasis is placed upon developing conversational ability by studying and reading from suitable Italian literary works. Students must pay a fee for college credit and complete an application to Dutchess Community College. Pre-Requisite: Italian IV/College Level AND Teacher Recommendation. Only for Juniors and Seniors.
CREDIT REVIEW FOR GRADES 9 – 12

Cohort:
Class of 2021 (Those entering grade 9 in 2017)  Class of 2023 (Those entering grade 9 in 2019)
Class of 2022 (Those entering grade 9 in 2018)  Class of 2024 (Those entering grade 9 in 2020)

MINIMUM CREDITS REQUIRED TO GRADUATE (22)

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits Required for Graduation</th>
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<tbody>
<tr>
<td></td>
<td>Regents Diploma</td>
</tr>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies</td>
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<tr>
<td>Math</td>
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<tr>
<td>Health</td>
<td>.5</td>
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</table>

EXAMS NEEDED FOR
LOCAL DIPLOMA

♦ English Regents
♦ Global Studies Regents
♦ US History Regents
♦ Math Regents
♦ Science Regents
Passing Regents Grade for students with an IEP is 55-64

EXAMS NEEDED FOR
REGENTS DIPLOMA WITH ADVANCED DESIGNATION*

♦ English Regents
♦ Global Studies Regents
♦ US History Regents
♦ Algebra Regents
♦ Geometry Regents
♦ Algebra II Regents
♦ Any 2 Science Regents (1Life/1Physical)
♦ Foreign Language Local Assessment
PASSING REGENTS GRADE IS 65

*Students must have a combined 90 average in the 8 Regents exams listed above for a Regents Honors Diploma with Advanced Designation.

EXAMS NEEDED FOR
REGENTS DIPLOMA *

♦ English Regents
♦ Global Studies Regents
♦ US History Regents
♦ Math Regents
♦ Science Regents
PASSING REGENTS GRADE IS 65

*Students must have a combined 90 average in the 5 Regents exams listed above for a Regents Honors Diploma.
NYSED Career and Technical Education Diploma Endorsement

Career & Technical Education

Core Courses, Choose 3 Credits from the following courses:
- Math & Financial Applications (1 Credit)
- College Management (.5 Credit)
- College Sports & Entertainment Marketing (.5 Credit)
- College Business Law (.5 Credit)
- College Business Economics (.5 Credit)

Choose 2 credits from the following courses:
- Work Experience (1 Credit)
- Digital Literacy 101 (.5 Credit)
- College Accounting (1 Credit)
- Video Game Design I (.5 Credit)
- Video Game Design II (.5 Credit)
- Career & Financial Strategies (1 Credit)
- Skills for Your Future 101 (.5 Credit)

Weighted Courses:
Honors, Advanced Placement and College level courses are weighted in recognition of the more rigorous course curricula students engage in those courses. Course weighting impacts only the student’s weighted cumulative grade point average indicated on the student’s transcript. Course grades that appear on report cards, Home Access Center (in the report card area) and on student transcripts are unweighted.

**Honors Courses at Carmel High School are offered in the following subjects:** Algebra II Regents; Biology; Chemistry; Concert Choir; English 9; English 10; Geometry; Global History and Geography I and II; Symphony Orchestra and Wind Ensemble. Honors courses are weighted 1.1 towards a students’ weighted cumulative grade point average.

**Advanced Placement Courses are offered in the following subjects:** American History; Art History; Biology; Calculus AB; Calculus BC; Chemistry; English Language and Composition; English Literature and Composition; Human Geography; Physics I; Physics II; Psychology; Spanish; Studio Art; U.S. Government and Politics; World History. Advanced Placement courses are weighted 1.15 towards a student’s cumulative grade point average.
College level courses are offered in the following subjects: From Dutchess Community College: Accounting, Advanced College Pre-Calculus; Calculus I; English 101/102; French IV; French V; History of Art; History of Modern Art; Italian IV; Italian V; Pre-Calculus; Sociology\(^p\); Spanish IV; Spanish V; Speech 100; Speech 101; Statistics. From SUNY Albany: Racism, Classism & Sexism; Science Research and Advanced Science Research. From Rochester Institute of Technology: Introduction to Engineering; Principles of Engineering; Civil Engineering. From St. Thomas Aquinas College: Business Economics; Business Law, College Management; College Sports and Entertainment Marketing. From Syracuse University: Introduction to Computer Programming; SUPA Economics; SUPA Chemistry; SUPA Forensics. College level courses are weighted 1.15 towards a student’s cumulative grade point average.

\(^p\)=Pending Board of Education Approval