

MESSAGE FROM THE PRINCIPAL

Salem High School is a comprehensive high school and aims to prepare all students for college or for their future career path. We offer a full complement of courses in language arts, mathematics, humanities, and science at the College Preparatory, Honors, Advanced Placement, and International Baccalaureate level, as well as several world languages and technology enhanced courses related to research, graphic design, and engineering. Our academic programs are designed to challenge our students and to promote student thinking and creativity. Our Project Lead the Way Program is affiliated with the Rowan University School of Engineering. Salem High School is the only school in the area to offer the International Baccalaureate Diploma Programme. Many of our academic courses award dual credit with Salem Community College. Additionally, our IB and AP programs allow our students to complete college level work, while gaining college credits at thousands of colleges and universities. We also have state of the art computer labs and science labs, StarBoards in all classrooms, and computer applications labs for graphic design strands leading to specialized study in the fields of digital imaging, desktop publishing, and image editing. We offer a video production program, which provides instruction in digital video editing and a Fine Arts Department that provides our students the opportunity to showcase their talents in art, dance, choir, and instrumental performances. Salem High School meets all the technological demands of education today. The goal of Salem High School is to provide the highest quality education for students by offering rigorous academic programs, while supporting students on their path to success.

You Can't Hide Our RAM PRIDE!



John R. Mulhorn
Principal, Salem High School

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Counseling Philosophy

School Counseling at Salem High School is an integral part of education. Academic advising, counseling, and career education are everyone's responsibility. Our students are the focus. The programs in our educational program are designed to help everyone achieve his/her potential. A cooperative effort involving students, parents, teachers, counselors and administrators is needed to help guide students for the most appropriate, challenging program of studies for responsible and productive citizenship.

Students and school counselors are matched primarily by alphabetical order. Students with last names beginning with A to E work with Ms. Helen M. Hall. Those with last names beginning with F to O work with Mr. David Hunt. All other students work with Mrs. Regina Gatson. A change of counselor is possible through a written request to the principal.

Program Selection

The programs students pursue in high school should reflect their aspirations, abilities, and achievements. Since a young adult's post-high school plans for employment, college or vocational technical training sometimes change, students are encouraged to review on occasion the match between their chosen program of study and their long range goals.

Courses at Salem High School provide students with the opportunity to meet the educational needs. Beyond the state or local requirements, students are encouraged to select courses that are appropriate for their abilities and aspirations.

Counselors are available to advise students on their academic program. The counselor reviews a student's test scores, past and current academic performance, and career aspirations. Together with teachers' recommendations for courses and academic levels, the final choice, aside from Honors and Advanced Placement courses which have specific academic performance criteria for admission, is determined by the students and their parents. Students having difficulty in an academic area may receive additional help from their teachers, or further instruction upon the recommendation of the Child Study Team. This recommendation follows an extensive evaluation of the student by the Child Study Team. Parents, teachers, or students may initiate a review by referring the student to the Intervention and Referral Service team.

Graduation Requirements

Graduation requirements are established by the Department of Education of the State of New Jersey and the Salem City Board of Education. The requirements for each student are established at the time of entrance to high school.

The credit and course requirements to qualify for graduation are as follows:

- **Earn a minimum of 130 credits**
- **State graduation requirements (must meet ONE criteria from English Language Arts and Mathematics)**

English Language Arts	Mathematics
Passing score on a PARCC ELA Grade 9 or	Passing score on PARCC Algebra I or
Passing score on a PARCC ELA Grade 10 or	Passing score on PARCC Geometry or
Passing score on a PARCC ELA Grade 11 or	Passing score on PARCC Algebra II or
SAT \geq 400 or	SAT \geq 400 or
ACT \geq 16 or	ACT \geq 16 or
Accuplacer Write Placer \geq 6 or	Accuplacer elementary Algebra \geq 76 or
PSAT \geq 22 or	PSAT \geq 22 or
ACT Aspire \geq 422 or	ACT Aspire \geq 422 or
ASVAB-AFQT \geq 31 or	ASVAB-AFQT \geq 31 or
Meet the Criteria of the NJDOE Portfolio Appeal	Meet the Criteria of the NJDOE Portfolio Appeal

- 4 credit years Language Arts
- 3 credit years Mathematics including Algebra I
- 3 credit years Science including Biology
- 1 credit year World Languages
- 2 credit years United States History
- 1 credit year World History
- 1 credit year Fine, Performing Arts
(Required course for 9th graders is listed on Page 35)
- 1 credit year Practical Arts
- 1 credit year Physical Education and Health for each year at Salem HS
- 1 credit year Careers/Economics

Students passing a course earn credits based on the number of periods a class is scheduled to meet each week.

If a student should fail a required English or social studies, math or science course, that course must be made up in summer school or repeated.

Course Structure

Courses at Salem High School are:

Of two lengths:

- 5 credit or full year
These courses last for all four marking periods of the school year.
- 2.5 credit semester or half year
These courses last for two marking periods, (one semester) and finish after a half year.

Of three levels:

International Baccalaureate (IB)

These courses are for students with outstanding motivation and achievement who intend to qualify for the International Baccalaureate Diploma. In subjects for which they are offered, these courses carry the most demanding workload for students at the grade level.

- Honors or Advanced Placement
These courses are for students with outstanding motivation and achievement. Courses for which an honors level will be offered are identified with a (Hn) next to the course name.
- College Preparatory
These courses are intended to prepare students for the demands and challenges of college level work after graduation.

Of two kinds of credit:

- Satisfying subject area requirements and graduation requirements
Most courses fit this category. They satisfy the subject area credit requirements on page 5 and yield credit toward high school graduation.
- Provide graduation credit only
Some courses do not count toward subject area requirements, but they do count toward graduation. They are elective courses or they may be remedial courses in nature and also carry PARCC designation.

Grading System
Current including graduating Class of 2018 and 2019

Academic Grades	Numerical Grades	UnWeighted	Honors Weighted	AP Weighted	IB Weighted
A	92-100	4	5	5	5.25
B	85-91	3	4	4	4.25
C	78-84	2	3	3	3.25
D	70-77	1	1	1	1
F	0-69	0	0	0	0

Grading System
Starting with graduating Class of 2020

Academic Grades	Numerical Grades	UnWeighted	Honors Weighted	AP Weighted	IB Weighted
A	90-100	4	5	5	5.25
B	80-89	3	4	4	4.25
C	70-79	2	3	3	3.25
D	65-69	1	1	1	1
F	0-64	0	0	0	0

Honors & Advanced Placement Programs

In all Honors classes due dates are rarely, if ever, adjusted. Late work will take a ten-point deduction per day and will not be accepted after the second day without an attached note from the student's parent/guardian. No work will be accepted after five days beyond the due date. Students are required to complete an intense amount of independent reading and writing; more than would be expected of students in a college prep level courses. Students will be allowed to request Honors courses during their freshman and sophomore years only. Honors level study during the junior and senior years must be at the AP or IB level.

International Baccalaureate Diploma Program (IB):

Life in the 21st century, in an interconnected, globalized world, requires critical-thinking skills and a sense of international-mindedness, something that International Baccalaureate® (IB) Diploma Program students come to know and understand. The IB Diploma Program is designed as an academically challenging and balanced program of education with final examinations that prepares students, normally aged 16 to 19 for success at university and life beyond. The program is normally taught over two years and has gained recognition and respect from the world's leading universities. Honors students, who are entering their junior year are eligible to enter the program. For more information contact our Guidance Office.



Forman Sinnickson Acton

Professor Emeritus of Computer Science at Princeton University, Dr. Forman Acton died February 18, 2014 at the age of 93. He left a \$30 million endowment toward a foundation to benefit the Salem City children.

Forman S. Acton was born on 1920 in Salem, New Jersey, where ancestors of the Sinnickson and Acton families had lived since the 1600's. Forman attended the Salem School District, leaving to attend high school at Philips Exeter Academy in New Hampshire where he graduated in 1939. At Princeton University he majored in engineering and earned his Bachelor's of Science degree in 1943 as well as a Master's of Science degree in chemical engineering in 1944. Mr. Acton began teaching at Princeton shortly thereafter, but was drafted into the U.S. Army in June of 1944 and was stationed in Spartansburg, South Carolina. During his tenth week of basic training, Forman was transferred to a technical plant in Oak Ridge, Tennessee. This plant produced the U-235 isotope which was the explosive element of the Hiroshima bomb. In December of 1945, Forman was given an Honorable Discharge from the Army Corp of Engineers.

Forman went on to Ohio State University to work with John L. Synge for six months. He left with Professor Synge to pursue mathematical applications in engineering. Forman was a graduate student for three years at Carnegie Institute of Technology to earn his Doctor of Science degree in applied math. He accepted a job with the National Bureau of Standards at an institute for Numerical Analysis at UCLA which was devoted to the new electronic computing machines. Forman worked on one of the first digital computers called SWAC.

In 1952, Acton returned to Princeton to direct the Analytical Research Group working on military weapons. While contributing to systems such as the U-2 spy plane and the Nike missile, Acton became an expert in using and teaching others to use another of the very first computers, the IAS machine. During this time Acton worked with other important figures including Princeton Professor John Tukey who coined the terms "software" and "bit" and Thomas Kurtz who earned a Ph.D. in mathematics in 1956 and went on to co-invent the computer language BASIC.

In 1963, Acton accompanied the first computer to the Indian Institute of Technology near Kanpur, India where he set up the computer center and began teaching classes. In the spring of 1967 Forman returned to teach at Princeton. In 1985, the Computer Science Department established the Engineering Department of Princeton. Forman authored three published textbooks: Analysis of Straight-Line Data, Numerical Methods That Usually Work, and Real Computing Made Real-Preventing Errors in Scientific and Engineering Calculations. Forman taught for 37 years and retired in 1990. His generosity will benefit the students of the Salem City School District for generations to come.

IB Math Studies SL **Grades 11-12** **5 credits**

Prereq: CP or Honors Geometry

This is a 2-year course preparing students to take the Math Studies SL exam in May of their senior year. Topics covered in this course include: Sequences and Series, Descriptive Statistics, Logic, Coordinate Geometry, Trigonometry, Exponential Functions and Differential Calculus. In addition to the IB, exams a project, no more than 2000 words, is required that counts as 20% of the IB grade for the IB diploma.

IB Language (English) A: Literature HL **Grades 11-12** **5 credits**

Prereq: CP or Honors English II

This is a two-year study of literature as art which challenges students to develop and communicate knowledge and understanding of that art. The first year begins with three English works of different genres and eras, culminating in an oral presentation on one; it ends with three non-English works of different genres, cultures, and eras, culminating in a written essay on one. The second year involves English works of different cultures and eras, beginning with a select poet's poetry, a select novel, and a select play and culminating in an oral commentary on one of the poems and a discussion of the novel or play; the year ends with four works of the same genre and culminates in a written essay on two or more of them and a written commentary on a never-studied work.

IB History of Americas HL **Grades 11-12** **5 credits**

Prereq: CP or Honors US History I

This history course satisfies the IB Group 3 "Individuals and Societies" component of the IB Diploma Program. It will be taught over two years and will follow the Higher Level (HL) core syllabus. The first year of History of the Americas, taught in the 11th Grade, will be a general study of 20th Century US History. However, there will be a more in-depth study on subjects including: comprise of the Depression, World War II and the Cold War.

The year two curriculum consists of one Prescribed Subject, The Arab-Israeli Conflict (1945-1979) and two World History Topics: Causes, Practices and Effects of War and Origins and Development of Authoritarian and Single-Party States. In addition, students will make connections between the different historical events and contemporary global affairs. Finally, IB students will use what they have learned over the two years. Lastly, the Internal Assessment, consisting of a Historical Investigation, will be introduced junior year. Students will be expected to work on it over the summer and then complete a Final Draft their senior year.

IB Art SL **Grades 11-12** **5 credits**

This is a two year program, which encourages students to challenge their creative thinking which includes investigating artists from many cultures, provoking analytical skills, cultivating problem-solving skills, making connections to other classes, and developing original studio work. Students develop technical proficiency, confidence, and record their investigations experimenting with many types of media within their studio work and digital Process Portfolio. Students discuss and articulate their process by comparing and contrasting works, and recording their research and thoughts creating a presentation, 10-15 digital screens for a Comparative Study. Students create an exhibit with a curatorial rationale and exhibition text by each project for their Internal Assessment. Students are required to work at home in addition to class time and do assignments over the summer. Students are required to visit galleries and attend museum exhibitions recording the experience.

IB Dance Theory SL, I and II **Grades 11-12** **5 credits**

Consistent with the educational philosophy of the IB, the Diploma Programme dance curriculum aims for a holistic approach to dance, and embraces a variety of dance traditions and dance cultures—past, present and looking towards the future. Performance, creative and analytical skills are mutually developed and valued whether the students are writing papers or creating/performing dances. The curriculum provides students with a liberal arts orientation to dance. This orientation facilitates the development of students who may become choreographers, dance scholars, performers or those, more broadly, who seek life enrichment through dance.

IB Music SL **Grades 11-12** **5 credits**

Students develop their knowledge and potential as musicians, both personally and collaboratively. Involving aspects of the composition, performance, and critical analysis of music, the course exposes students to forms, styles and functions of music from a wide range of historical and socio-cultural contexts. Students create, participate in, and reflect upon music from their own background and those of others. They develop practical and communicative skills which provide them with the opportunity to engage in music for further study, as well as for lifetime enjoyment.

IB Language B Spanish Ab Initio: **Grades 11-12** **5 credits**

This course is an accelerated and rigorous introduction and continuation of Spanish language and culture. This course is completed over two years of study. Ab Initio is designed for students with no previous Spanish experience. This course covers a variety of themes and topics: daily routines, education, food and drink, personal details/appearance, physical health, relationships shopping, employment, entertainment, holidays, media, sport, technology, transport, environmental concerns, global issues, neighborhood, physical geography, town and services and weather. Students will be assessed internally and externally by the IB program for their skills in listening, speaking, reading and writing.

IB Language B Spanish: SL **Grades 11-12** **5 credits**

Prereq: CP or Honors Spanish II

This course is an accelerated and rigorous continuation of Spanish language and culture. This course is completed over two years of study. IB Spanish B is designed for students who have previously completed Honors Spanish I and II. In this course, the students will be able to master all topics. The main topics are social relationships, communication/media, global issues, health and customs/traditions. The sub-topics of Español 3 are relationships, cultural/religious celebrations, media/censorship, nature/natural disasters, diet/nutrition, hygiene, art and fashion. Students and teacher will exclusively speak and write in Spanish, which will advance and strengthen the students' proficiency from Intermediate to Pre-Advanced range. Students will be assessed internally and externally by the IB program for their skills in listening, speaking, reading and writing.

IB Theory of Knowledge/CAS/EE **Grades 11-12** **5 credits**

TOK plays a special role in the Diploma Programme by providing an opportunity for students to reflect on the nature of knowledge, and on how we know what we claim to know. This is a two year course.

The fundamental question of TOK is “how do we know that?” Students are encouraged to think about how knowledge is arrived at in different disciplines, what the disciplines have in common and the differences between the disciplines. TOK both supports and is supported by the study of other DP subjects, as students are required to explore knowledge questions against the backdrop of their experiences in their other DP subjects. Discussion and critical reflection form the backbone of the TOK course, centering around discussions of questions such as: What counts as evidence for X? What makes a good explanation in subject Y? How do we judge which is the best model of Z? How can we be sure of W? What does theory T mean in the real world? How do we know whether it is right to do S? Through discussions of these types of questions students gain greater awareness of their personal and ideological assumptions, as well as developing an appreciation of the diversity and richness of cultural perspectives. The TOK course is assessed through an oral presentation and a 1600 word essay.

Creativity, Activity, Service (CAS) is at the heart of the Diploma Programme, and is one of the three essential core elements in every student's Diploma Program. Students are involved in a variety of self-initiated and collaborative experiences that deepen their understanding of academic studies. The CAS Strands are: Creativity-arts, and other experiences that involve creative thinking; Activity-physical exertion contributing to a healthy lifestyle; Service-an unpaid and voluntary exchange that has a learning benefit for the student. The rights, dignity and autonomy of all those involved are respected. The emphasis in CAS is on helping students to develop their own identities, in accordance with the ethical principles embodied in the IB mission statement and the IB learner



profile. Possibly, more than any other component in the Diploma Programme, CAS contributes to the IB's mission to create a better and more peaceful world through intercultural understanding and respect. This is a requirement in order to be an IB graduate.

The Extended Essay is an in-depth study of a focused topic chosen from the list of approved Diploma Programme subjects—normally one of the student's six chosen subjects for the IB diploma. It is intended to promote high-level research and writing skills, intellectual discovery and creativity. It provides students with an opportunity to engage in personal research in a topic of their own choice, under the guidance of a supervisor (a teacher in the school). This leads to a major piece of formally presented, structured writing, in which ideas and findings are communicated in a reasoned and coherent manner, appropriate to the subject chosen. The Extended Essay can be no more than 4,000 words. This is a requirement in order to be an IB graduate.

Credits = * IB graduation requirement



CP English IV **Grade 12** **5 credits**

Prereq: CP English III

Students will explore the literature of various cultures through the study of World literature. Students will continue to deepen their comprehension, critical, and analytical reading skills. Vocabulary study will be a major component of this course as well. Students will continue to broaden their writing experiences and a portfolio will be maintained. A research-based literary analysis will be required. In addition, students will explore the college essay and application.

AP English Literature and Composition **Grade 12** **5 credits**

Prereq: CP English III or AP Language and Composition

Advanced Placement Literature is a senior elective English course taught at a college level with the content, approaches, and expectations commensurate with a college English course. In the spring, students are expected to take the Advanced Placement Exam in literature and receive college credit for scores of 3, 4, or 5, depending on the requirements of individual colleges. This is a course which analyzes *how* an author makes meaning; it deals in elements of style analysis in the novel, drama, and poetry. Assessment is primarily through in-class timed writings similar to those actually done on the AP Exam and formal papers written outside of class. All of these count as test grades. The course also includes literature circles, oral presentations, and seminars led by individual students which count as either tests or quizzes, depending on the amount of work involved. Interested students must carry at least a “B” as a final average from their Honors English III or Honors English IV class.

Intensive English **Grades 9-12** **2.5/5 credits**

Students who have low scores (level 1 or 2) on the literacy portion of the PARCC Assessment, or a letter grade of C, D, or F for their final grade for previous year’s English course can be assigned this course.

English Electives

African American Literature **Grades 10-12** **2.5 credits**

This course is an overview of African American literature from its ancient beginnings to modern times. The course will explore this literature’s effect upon the American literary, social, cultural, and political landscapes. Visits to various museums and other relative venues will be used to emphasize this literature.

Mathematics

CP Algebra I

Grade 9

5 credits

College Prep Algebra I is designed and recommended for the student who has mastered basic arithmetic and pre-algebra topics, and plans to attend college following high school. This course places emphasis on the structure of algebra, real numbers, various problem-solving techniques, and the gradual development of deductive reasoning. Basic concepts reviewed include: number lines, sets, variables, simplifying expressions, solving equations and inequalities with one and two variables, graphing equations and inequalities, solving systems of equations and inequalities, and operations with polynomials. Emphasis is also placed on mathematical language precision.

Honors Algebra I

Grade 9

5 credits

Honors Algebra I is designed and recommended for the student who has excelled in arithmetic and pre-algebra topics, and plans to attend college following high school. Similar to College Prep Algebra I, this course places emphasis on the structure of algebra, real numbers, various problem-solving techniques, and the gradual development of deductive reasoning. Basic concepts reviewed include: number lines, sets, variables, simplifying expressions, solving equations and inequalities with one and two variables, and graphing equations and inequalities. Honors Algebra I continues by exploring advanced topics such as: solving and graphing systems of equations and inequalities, solving and graphing absolute value equations and inequalities, solving and factoring polynomials, and exponential growth and decay. Emphasis is also placed on mathematical language precision. Students electing the Honors level must earn a final grade of 'A' or 'B' in their 8th grade mathematics course.

CP Geometry

Grades 10 - 12

5 credits

Prereq: CP or Honors Algebra I

This course is designed for sophomores and follows Algebra I. This course follows the New Jersey Student Learning Standards for English Language Arts. Topics include basic terms and concepts of geometry, analyzing, defining, and applying relationships between lines and polygons, drawing geometric figures in a coordinate plane and justifying the properties of the figures, using theorems and postulates to determine similarity and congruence of polygons, analyzing properties of circles, analyzing properties of two-dimensional and three-dimensional figures, using trigonometric ratios to determine lengths and measures of segments and angles, and performing geometric constructions and designs.

Honors Geometry **Grades 10 - 12** **5 credits**

Prereq: CP or Honors Algebra I

This course is designed for sophomores following Honors Algebra I and for freshmen who have successfully passed the Algebra I Placement Test. Sophomores may take it at the same time as Honors Algebra II in order to take Calculus in grade 12 or IB Math in grades 11 and 12. This course follows the New Jersey Student Learning Standards for English Language Arts. Topics include: basic terms and concepts of geometry, analyzing, defining, and applying relationships between lines and polygons, drawing geometric figures in a coordinate plane and justifying the properties of the figures, using theorems and postulates to determine similarity and congruence of polygons, analyzing properties of circles, analyzing properties of two-dimensional and three-dimensional figures, using trigonometric ratios to determine lengths and measures of segments and angles, and performing geometric constructions and designs.

CP Algebra II **Grades 10 - 12** **5 credits**

Prereq: CP or Honors Geometry

College Prep Algebra II continues mathematics preparation for the college bound student. Operations with algebraic expression, linear operations with algebraic expression, linear equations, and inequalities are reviewed. The course continues with the study of: relations, functions, rational and irrational numbers, complex numbers, exponents, systems of equations, and graphing of linear, quadratic and polynomial functions. Emphasis is on understanding concepts, not merely technique.

Honors Algebra II **Grades 10 - 12** **5 credits**

Prereq: CP or Honors Geometry

Honors Algebra II continues mathematics preparation for the college bound student. Operations with algebraic expressions, linear operations with algebraic expressions, linear equations, and inequalities are reviewed. The course continues with: the study of relations, functions, rational and irrational numbers, complex numbers, exponents, systems of equations, and graphing of linear and quadratic functions. Additional topics include: rational exponents, trigonometry, statistics, radical function, exponential functions, logarithmic functions, polynomial expressions and equations. Emphasis is on understanding concepts, not merely technique. Sophomores may take this course at the same time as Geometry in order to take Calculus in grade 12. One written report is required of each student on some topic appropriate to this course.

Science

CP Biology **Grade 9** **6 credits**

Biology is the study of life; plants, and animals are studied as organisms which are related in their cellular structure and function. Other areas considered are reproduction, heredity, microbiology, and ecology. Laboratory exercises are performed to strengthen the understanding of concepts.

Honors Biology **Grade 9** **6 credits**

Honors Biology involves a deductive approach to the study of living things. Beginning with the characteristics that all organisms share, then delving into each of those concepts in depth, providing a broad and thorough background. Ways of exploring how and why things happen focus on solving problems by testing possible solutions to see whether they work. Participation in the County Science Fair is encouraged and supported.

AP Biology **Grades 11-12** **6 credits**

Prereq: CP or Honors Biology

AP Biology is an intensive course designed to be the equivalent of an introductory biology course taken in college. The emphasis is on developing an understanding of biological concepts rather than an accumulation of facts. The student should understand and appreciate the science of biology as a process and a personal experience in scientific inquiry that develops their problem solving and critical thinking skills. This course also prepares the high school student to take the AP exam given in May. In order to pass the exam (usually this is with a score of 3 or higher), students must be highly motivated and driven to excel in this challenging course. The format for this class will be primarily lecture and lab, supported by interactive labs, and hands on activities.

CP Chemistry **Grade 10-11** **6 credits**

Prereq: CP or Honors Biology

In this course heavy reliance is placed upon laboratory work so that chemical principles can be drawn from the students' experiences. Observations and measurements lead to the development of unifying principles and these principles are used to interrelate diverse phenomena. The atomic theory, the nature of matter in various phases, the periodicity of the elements and their physical properties, and the mole concept are emphasized. Chemical principles are stressed. Upon the completion of this course, students should have a firm

basis upon which to draw in any post-secondary study of this subject. This course is recommended for students preparing for college.

Honors Chemistry **Grade 10-11** **6 credits**

Prereq: CP or Honors Biology

In this course heavy reliance is placed upon laboratory work so that chemical principles can be drawn from the students' experiences. Observations and measurements lead to the development of unifying principles and these principles are used to interrelate diverse phenomena. The atomic theory, the nature of matter in various phases, the periodicity of the elements and their physical properties, and the mole concept are emphasized. Chemical principles are stressed. Upon the completion of this course, students should have a firm basis upon which to draw in any post-secondary study of this subject. This course is recommended for students preparing for college.

AP Chemistry **Grade 11-12** **6 credits**

Prereq: CP or Honors Chemistry

This course is designed to be the equivalent of the General Chemistry course usually taken during the first college year. This course is taken with the idea in mind that students will take the AP Exam.

CP Physics **Grade 11** **6 credits**

Prereq: CP or Honors Chemistry and Biology

Physics is the study of matter and its motion through space and time, along with related concepts such as energy and force. This course focuses on problem-solving as well as guided-inquiry or open inquiry of hands-on activities, and labs. Students will be introduced to the topics of one-dimensional kinematics, projectile motion, Newton's laws, energy and conservation of energy, and momentum and conservation of momentum. Opportunities are provided to understand the ideas of objects and systems, forces, and waves.

*Students who intend to major in Engineering and enroll in the IB Diploma program should take this course their sophomore year (prerequisites for course are withdrawn)

AP Physics **Grade 10*-12** **6 credits**

Prereq: CP or Honors Chemistry and CP or Honors Algebra II

Physics is the study of the relationship of matter and energy. The concepts are developed in a logical sequence from motion to fission. Ideas from the study of mechanics, heat, light, and electricity serve to prepare a broad understanding of classical Newtonian physics. Experiments, films, demonstrations, and lectures are combined to strengthen principles studied. Topics include: scientific notation, use of trigonometric functions, graphic analysis, vectors, dynamics, kinematics, momentum and The Conservation of Momentum,

Keeler's Law, Newton's Law, work and power, energy and the conservation of energy, heat, electricity, the Quantum Theory, and the atom. **Students intending to pursue a career in Engineering & the IB Diploma Programme are encouraged to take this course in 10th grade.

CP Environmental Science Grade 11 6 credits

Prereq: CP or Honors Chemistry and Biology

This course is an introduction into environmental science for students who wish to learn more about the environment, but are not considering a career in science. Students will be engaged in problem solving and designing solutions for various environmental problems of the world today. Students will use scientific principles, concepts, and methods to understand humans relationships with other organisms and the world. This course involves a combination of earth science, biology, chemistry, and geography, and there will be a heavy emphasis on lab experiences.

AP Environmental Science Grades 11 - 12 5 credits

Prereq: CP or Honors Biology and Chemistry

Emphasizing the conceptual understanding of natural systems, this course will provide an ecosystems approach to the study, understanding, and solution of today's pressing environmental concerns. Offering a balanced perspective that encourages critical thinking, the class will have broad coverage and unusual insights into general environmental issues studying various ecosystems and the problems they are facing due to an inflated human population.

Science Electives

CP Anatomy & Physiology Grades 11 - 12 5 credits

This course is designed for students interested in entering the health profession through our Medical Technologies Pathway. Emphasis will be placed on function and the basic mechanism of disease. Recent advances in medicine, biotechnology, immunology, and molecular genetics will also be covered. Cell structure, tissue, function, and organ systems are also part of the course.

Social Studies

CP World History Grade 9 5 credits

College Prep. World History presents a comprehensive exploration of world history with major emphasis upon the Renaissance and Reformation, the Age of Exploration and Empire, Africa, Asia, and the modern world. Added depth is provided by a variety of resources including texts, primary source reading, special projects, written and oral reports, extensive group research activities and a rigorous focus on research skills. Students selecting Honors level of this course must earn a final grade of 'A' or 'B' in their 8th grade English course.

The Advanced Placement Program in United States Government and Politics is designed to introduce students to the important facts, concepts and theories pertaining to United States government and politics. While engaging in the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples of politics in action, students will develop an analytical perspective on government and politics in the United States. Through this process students will become familiarized with various institutions, groups, core beliefs, and ideas that constitute U.S. government and politics and will become acquainted with the variety of theoretical perspective and explanations for various behaviors and outcomes inherent in the American political system. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens.

AP U.S. History **Grades 11-12** **5 credits**

Prereq: CP or Honors World History and U.S. History I

The Advanced Placement Program in United States History is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials--their relevance to a given interpretive problem, their reliability, and their importance --and to weigh the evidence and interpretations presented in historical scholarship. An Advanced Placement United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

Social Studies Electives

African-American History **Grades 10-12** **2.5 credits**

This course is an overview of the historical, social, political, economic, and cultural factors that have helped shape the experiences of African Americans in the United States. It will investigate the development of African American communities from the Middle Passage to the present. The course will focus on definitions of African American identity, influences and achievements within American culture, and issues confronting African Americans from their enslavement in America to the present.

Introduction To Law **Grades 10-12** **5 credits**

This course is designed to help the students acquire basic knowledge of his/her rights and responsibilities in our legal systems. Areas covered are contracts, civil and criminal law, a review on court procedures and criminal investigation.

Students with specific interests other than law may acquire, through this course, an adequate legal background.

Psychology **Grades 10-12** **5 credits**

This course will provide a broad introduction into the field of Psychology. Areas covered are biological bases of behavior, sleep and consciousness, memory and cognition, motivation and emotions, personality, developmental theories and abnormal psychology. This survey of psychology will acquaint students with the major concepts and terminology of the discipline and give students a better understanding of self and others.

Sociology **Grades 10-12** **2.5 credits**

This course is an introduction to the study of sociology which includes an examination of human behavior and the various social institutions (economic, governmental, and religious) that influence it. Other topics include social groups, socialization, culture, and social class. Relations of the individual to his society and the change that can result will also be examined. This is an elective and is recommended for students preparing for college.

AP Psychology **Grade 11-12** **5 credits**

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. While considering the psychologists and studies that have shaped the field, students explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception, learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Throughout the course, students employ psychological research methods, including ethical considerations, as they use the scientific method, analyze bias, evaluate claims and evidence, and effectively communicate ideas.

Economics **Grades 11 - 12** **2.5 credits**

Economics is a one-semester course designed to provide students with a basic grasp of economic theory and economic systems. The course will examine the role of business, workers and consumers, and money and banking, in the American system of free enterprise. Finally, students will examine the role of the government in managing the economy, the global economy, and personal finance issues.

History Through Film & Media **Grades 10-12** **2.5 credits**

Through the use of films, the Internet, television, newspapers and magazines, students will study a variety of issues and problems that society has faced, and continues to face today. This course will also examine how accurately Hollywood portrays historical events and characters, and what dangers exist for American democracy if a large portion of our population believes in a history that never really happened. Using films, as well as primary and secondary sources, students will analyze the accuracy and impact of

similarities/differences of the 21 official Spanish-speaking countries.

Honors Spanish II **Grades 10-12** **5 credits**

Prereq: CP or Honors Spanish I

This course is an accelerated and rigorous continuation of the Spanish language and culture. A high level of student participation is achieved through the use of the materials and activities designed by the teacher to enable the student to use the language correctly for communication and the basic skills of listening, speaking, reading, and writing. The program is especially designed to prepare students for higher level course in IB Spanish B and AP upon completion of the Level II Honors Program.

Honors Spanish III **Grades 11-12** **5 credits**

This course is a continuation of Español II, as well as, a preparation for Spanish 4 (AP Spanish). In this course the students will be able to master all previous and new topics. The topics of Español III are: art, giving/receiving directions, food, creating recipes, and different professions/careers and the community. Students will be able to use present, preterit, imperfect and future tenses. Some cultural aspects will include: history of Spain and Latin America, many Spanish speaking artists like Diego Rivera, Frida Kahlo and Pablo Picasso, myths and legends. The students will also study the geography and some cultural similarities/differences of the 21 official Spanish-speaking countries. Book: *Paso a Paso 3*

AP Spanish **Grade 12** **5 credits**

Prereq: Honors Spanish III

This course is a continuation of Español III. In this course the students will be able to master all previous and new topics. This course is compared to a fifth or sixth semester University Spanish course. This course will be a rigorous, language, culture and technology based course that will allow to students to demonstrate their proficiency across three communicative modes: Interpersonal, Interpretive and Presentational, as well as integrating the five goals: Communication, Cultures, Connections, Comparisons and Communities. AP Spanish will provide regular opportunities for students to read, write, listen, speak and critically think in Spanish. Students will learn about Spanish culture through the use of authentic materials and resources. These include a wide range of sources; online print, audio and audiovisual resources, podcasts, magazine and newspaper articles, essays, literary works, interviews, movies and images. Students and teacher alike will use exclusively Spanish, which will advance and strengthen the students' proficiency to Intermediate to Pre-Advanced range. Students will be assessed internally and externally by AP for their skills of listening, speaking, reading and writing.

This integrated health and physical education program will include:
Highway Safety—Driving strategies, driver fitness, driving in the HTS, alcohol/other drugs and driving, road hazards and vehicle failure, owning and maintaining a vehicle.
Wellness II—Personal fitness (emphasis on cardiovascular fitness, flexibility, and power), cooperative games, recreational activities, and soccer.

Lifetime Health and Wellness Grades 11-12 4 or 5 credits*

This integrated health and physical education program will include:
Lifetime Health— Designed specifically for high school and college students. This class provides a comprehensive set of skills that may enable you to save a life. You'll be certified in both First Aid and CPR/AED, and be prepared to respond to a variety of emergencies involving infants, children and adults.
Wellness — Personal fitness, cardiovascular fitness, speed, coordination, frisbee games, golf, and softball.

Personal Health and Wellness Grades 11-12 4 or 5 credits*

This integrated health and physical education program will include:
Personal Health — Mental and emotional health, environmental health, first aid, illegal drugs, HIV/AIDS, violence prevention/conflict resolution, human development, birth through adolescence, and personal nutrition.
Wellness — Personal fitness (emphasis on cardio-vascular fitness, agility, and balance, floor hockey, table tennis/badminton, lacrosse/cricket).

Health and Physical Education Electives

Teen PEP Grade 11-12 4 or 5 credits*

This class is designed for selected junior students providing them with educational training that addresses a range of topics related to sexual health. It gives these peer educators the information, communication skills, and confidence to be effective sexual health advocates and leaders among the student body by conducting a series of structured workshops with groups of younger students.

* 4 credits if student is enrolled in a science lab

Dance

Invitation to the Arts Grade 9 5 credits

See Course description with Art Courses on Page 36.

CHOREOGRAPHY SERIES

This course is a continuation of Performance Internship and is for the serious dancer. The emphasis of this course is to design dance pieces that will build and enhance the students' artistic sensibility and technical skill. The student will have the opportunity to explore their own creative voice through choreography and performance. Students will perform in the Salem High School Dance Ensemble (SHSDE). The ensemble has a performance season that includes several performances from December through May. There will be opportunities to see live and/or videotaped performances within the region.

Performance Techniques **Grades 11-12** **5 credits**

Prereq: Performance Applications or Instructor recommendation

This course is designed for the student who has been in the dance program for three or more full consecutive years. This course is a continuation of Performance Applications. This course is designed to increase and enhance the skills the students have been built as participants of the Performance course sequence. Students will continue study in different dance techniques including ballet (Vagonova Method), Jazz, Modern and a form of African dance technique. Students will perform with the Salem High School Dance Ensemble. The dance ensemble has a performance season that includes several performances from December through May.

Performance Methods **Grades 11-12** **5 credits**

Prereq: Performance Techniques or Instructor recommendation

This course is the culmination of the Performance course series and is designed for the student who has devoted three or more full years of dance study within the Salem dance program. Students will assist in directing, designing and staging works for the Spring concert. This course is designed for the student who wishes to pursue a major or minor dance degree. Students will be encouraged to attend workshops throughout the Northeast region to enhance their skills. Students will perform with the Salem High Dance Ensemble and will be encouraged to stage new works and assist the director in rehearsing the ensemble for performances during the season. There will be opportunities to see live and/or videotaped performances within the region.

Business Technology

Computer Applications I **Grades 9-12** **5 credits**

This course prepares students to use the Windows computer operating system as a communication tool. Students are introduced to basic keyboarding skills and taught skills to improve speed and accuracy. Students become proficient in the computer applications of Microsoft Word, Microsoft Excel, Microsoft PowerPoint and Microsoft Publisher.

Computer Applications II **Grades 10-12** **5 credits**

Prereq: Computer Applications I

Students will use Microsoft Access for database and Microsoft Excel for spreadsheets. Using Excel, students will learn to manage and prepare reports to create table, graphs and other numerical based presentations which will include planning and creating spreadsheets and formatting using formulas. Using Access, students will learn to design and create database, create forms and reports, and apply queries using the Reports Wizard and the AutoForm Wizard. Each student will also learn how to apply the applications of exporting and importing information between outside database programs.

Desktop Publishing **Grades 10 - 12** **5 credits**

Enter the field of desktop publishing and marketing. Design projects such as stationery, logos, greeting cards, business cards, calendars, newsletters, flyers and programs using Microsoft Publisher. Students will also utilize additional technology such as scanners, digital cameras, button makers and book binding machine.

Image Editing **Grades 9-12** **5 credits**

This course will introduce students to the graphic design field. Adobe Photoshop is used to color, paint, retouch photos, and alter images. Many special effects will be used to create one-of-a-kind designs to produce buttons, greeting cards, animation, and calendars. Movie Maker is used to create movies. Scanners, digital cameras, and color laser printers will be used.

Graphic Design **Grades 10-12** **5 credits**

Recommend: Image Editing

Learn how to draw computer graphics using Adobe Illustrator. Illustrator is a standard in the graphic arts industry and is used by thousands of artists around the world. Students create logos and package labels.

Web Design **Grade 11-12** **5 credits**

Recommend: Graphic Design or Image Editing

This is an advanced level course where students must be self motivated. Students will construct web pages using HTML code and Adobe Dreamweaver. Adobe Photoshop will be used to create banners and buttons. Adobe Flash will be used to create animation. Web pages will be constructed for a variety of outcomes and organizations. Students will submit drafts, make revisions and maintain web pages just as is done in the industry. Web sites such as Weebly.com will be used to show students how to create web sites from home without software. In keeping up with the advertising field, students will use Knowledge Matters which is a virtual business retail simulation to demonstrate skills in the 4 P's of marketing (product, place, price and promotion), H & R Block Simulation will also be used.

Automated Accounting I **Grades 9-12** **5 credits**

Students learn the basic principles, practices procedure and terminology used by business in maintaining financial records through the application of generally accepted accounting principles. In studying the logical sequence of the accounting cycle, students reinforce their understanding through the

completion of both manual and automated accounting activities and simulations. Extensive use of the automated accounting software QuickBooks and Microsoft Excel is used in applying automated applications. The course is suited for all students, but especially those interested in business and finances by aiding them in understanding everyday consumer transactions, comprehending the meaning of profitability in the job market, or selecting a career/college path.

Automated Accounting II **Grades 10-12** **5 credits**

Prereq: Automated Accounting I

This course integrates extensive computer technology into the theory and current practices of accounting and is a continuation of the Automated Accounting course. Students interested in career opportunities in the area of business management, accounting, or finance professions should enroll in this course. It is designed primarily for those students who have a desire to attend college and major in the fields of accounting, finance, or business management. All students enrolled in the class will broaden and improve their knowledge, understanding, and applications of accounting competencies.

Career Exploration **Grade 11-12** **2.5 credits**

This is a course offered to juniors and seniors and is designed to empower and prepare our students in the skills needed to achieve success in a global environment. The primary components of the course include utilizing self-assessments tools (Naviance) to research and analyze career and educational information and choices, gain financial literacy by using online programs (Knowledge Matters), understanding how changes in a global economy will impact career choices, college research, visits from guest speakers which will enhance their communication, listening, interviewing, and public speaking skills. Student will also create a resume, complete the common college application and essay, and enhance interview skills.

Applied Technology

Introduction to Engineering Design

Project Lead the Way **Grades 9-12** **5 credits**

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software and document their work in an engineering notebook.

Students will be required to serve as lab supervisors for the Video Programming and Digital Editing classes. These students will also research, write, and produce a documentary video as their capstone project.

News and Sports Reporting Production Grades 11-12 2.5 or 5 credits

Prereq: Video Production & Digital Editing, Cable Access Programming, or Instructor recommendation

In this class students will utilize and improve skills acquired in the prerequisites. In news and sports reporting, students will gather sports and news footage, create news and sports packages, provide voice over for athletic events to be shown on our access channel, provide in-depth news coverage of school and community events to enhance our morning announcements and our access programs. Emphasis will be placed on performance, writing, independent work, work place readiness, and critical thinking.

Art

Invitation to the Arts

Grade 9

5 credits

This course is a required course for all incoming 9th grade students and is designed to introduce students to the programs of study in the Fine and Performing Arts Department. Students will explore classes in Video Technology, Visual Arts, Music, and Dance for a marking period exploratory segment. Through a collaborative theme and vocabulary, students will explore content and skills in each area. (This course is required for all incoming 9th grade students and will count for their high school fine arts requirement.)

Drawing and Painting

Grades 9 - 12

5 credits

This course is designed to further develop drawing and painting skills. This course is designed to enhance knowledge of elements and principles of design, utilize an art vocabulary, and to introduce students to various art history through project-based assignments. Students will develop techniques applying many materials such as pencil, watercolor, pastels, markers, tempera, and or acrylic paint. Art history will be introduced but the emphasis is on the creative response. Throughout this course students will gain a technical competence observing, recording, and interpreting visually their environment individual artistic expression, and writing about their experience using artistic vocabulary. Students will be required to draw in a sketchbook as homework. (Mandatory attendance is required during the art exhibit.)

Artistic Ceramics

Grades 9 - 12

5 credits

This course is designed for the creative student interested in a hands-on experience in creating pottery. Exploration of ceramic hand building techniques such as making pinch, slab, and coil construction will be addressed creating different vessels. Students will also glaze their creations. Some drawing required for assignments. (Mandatory attendance is required during the art exhibit.)

Beginning Instrumental Music **Grades 9-12** **5 credits**
This course focuses on the development of fundamental music skills: note reading, rhythms, and instrument technique. This course is open to any student wishing to play a musical instrument with less than one year of experience.

Concert Choir **Grades 9 - 12** **5 credits**
Choir is an elective course open to all students. All styles of music are studied from early times to present day. Performance and vocal techniques, musicianship, repertoire, and poise are stressed. Participation at performances throughout the year is required.

Keyboarding and Songwriting **Grades 9-12** **5 credits**
This course is for anyone with an interest in learning basic piano skills as well as how to write songs. Basic music theory will be covered, including the necessary skills to write songs in various genres of music. Students will also be offered private lessons along with their classroom experience.

Musical Theater **Grades 9-12** **5 credits**
This course covers any and all things musical theater. Students will learn not only the history of musical theater, but they will also learn about the technique of musical theatre as well as everything that happens behind the scenes. The final project will involve each student in a student designed mini-performance.

Chamber Music **Grades 9-12** **5 credits**
Chamber Music is a course designed for instrumental and vocal students who wish to explore music performed by one player for each part as opposed to orchestral/band music in which there are several players for each part. The program is aimed at performance and will deal with soloists and small ensembles. Performance techniques, musicianship, repertoire, and poise are stressed.

Music Technology **Grades 9-12** **5 credits**
This course is for advanced students who are interested in making music with computers. A lot of time will be devoted to learning how to operate a recording studio and various recording technology. Students will become familiar with the software and hardware standards of the recording industry. Students will need to complete readings, listening examples, be able to work on extended projects, and be able to work both independently and collaboratively.

Family & Consumer Science

Food, Family & Finances Grades 10-12 5 credits

This is an independent living course in which students will examine choices related to the foods they eat, caring for a family, and managing their finances. Students will plan and prepare foods with a focus on nutritional value, safety, sanitation, and the uses of kitchen equipment. Family responsibility will be emphasized as students investigate decisions to be made in caring for and raising a child. Students will participate in personal and family finance simulations as they explore consumer rights and responsibilities to become informed educated consumers.

Introductory Care Giving Grades 10 –11 5 credits

This course is for students interested in child or adult care careers. Students will gain valuable information regarding developmental issues that impact children and older adults in addition to learning how to set up educational and recreational activities for each. Students will explore career options in these care giving occupations.

Special Education

The Resource Center programs offer individual and small group instruction designed to educate classified students in the least restrictive environment according to I.D.E.A. (Individuals with Disabilities Education Act), the laws of New Jersey and the student's Individualized Educational Program. The Resource Center student must meet mandated requirements for a New Jersey High School diploma including number and type of credits, attendance, and grade average for passing classes. Any exception must be stated in student's Individualized Education Program (IEP). Typically, students are enrolled in these courses as a result of IEP implementation.

For students who have been identified by the Child Study Team, a Special Needs program is available. Students will be scheduled for these courses by a member of the Child Study Team in consultation with the student's school counselor in accordance with the Individual Educational Plan (IEP).

NOTES

Course Offerings

Course levels: IB International Baccalaureate, AP Advanced Placement
 HN Honors, CP College Prep., DC Dual Credit

English

Course name	Grades	Levels	Credits
English IV	12	IB/AP/CP	5
English III	11	IB/AP/CP	5
English II	10	HN/CP	5
English I	9	HN/CP	5
English 101 [^]	12	HN	5
African American Literature [^]	10/11/12	CP	2.5
Intensive English 12 [^]	12		2.5
Intensive English 11 [^]	11		5
Intensive English 10 [^]	10		5
Intensive English 9 [^]	9		5

[^] Does not satisfy English credit requirements for graduation.

Mathematics

Course name	Grades	Level	Credits
AP Calculus	12	AP	*5
IB Math Calculus SL	12	IB	5
Pre AP Calculus	11/12	HN	*5
IB Math SL (Pre-calculus)	11	IB	5
IB Math Studies SL	11/12	IB	5
Algebra II	10/11/12	HN/CP	5
College Algebra	12	CP	5
Geometry	10	HN/CP	5
Algebra I	9	HN/CP	5
Intensive Algebra I [^]	9/10/11		2.5
Intensive Algebra II [^]	9/10/11		5
Intensive Geometry [^]	9/10/11		5

[^] Does not satisfy mathematics credit requirements for graduation.

Course Offerings

Course levels: IB International Baccalaureate, AP Advanced Placement
HN Honors, CP College Prep., DC Dual Credit

Social Studies

Course name	Grades	Level	Credits
United States History	11/12	AP	5
United States Government & Politics	11/12	AP	5
IB History of the Americas	12	IB	5
United States History II	11	CP	5
United States History I	10	HN/CP	5
World History	9	HN/CP	5
Introduction to Law	10/11/12	CP	5
African-American History	10/11/12	CP	2.5
Economics	11/12	CP	2.5
Psychology	10/11/12	CP/AP	5
Sociology	10/11/12	CP	2.5
History Through Film & Media	10/11/12	CP	2.5
Holocaust & Genocide	10/11/12	CP	2.5

Science

Course name	Grades	Level	Credits
Physics	11/12	AP	6
IB Chemistry HL	11/12	IB	6
Chemistry	10/11/12	AP/CP/HN	6
IB Biology HL	11/12	IB	6
Biology	9	HN/CP	6
Biology	11/12	AP	6
Environmental Science	11/12	AP/CP	5
Anatomy & Physiology	11/12	CP	5

World Languages

Course name	Grades	Level	Credits
French I, II, III	9/10/11/12	CP	5
Spanish I, II, III, IV	9/10/11/12	CP/HN	5
Russian I, II	9/10/11	CP	5
IB Language B Spanish Ab Initio	11/12	IB	5
IB Language B Spanish SL	11/12	IB	5

Course Offerings

Course levels: IB International Baccalaureate, AP Advanced Placement
HN Honors, CP College Prep., DC Dual Credit

Business Technology

Course name	Grades	Levels	Credits
Web Design	10/11/12	CP	5
Graphic Design	10/11/12	CP	5
Image Editing	9/10/11/12	CP	5
Computer Applications I	9/10/11/12	CP	5
Computer Applications II	10/11/12	CP	5
Desktop Publishing	10/11/12	CP	5
Automated Accounting II	10/11/12	CP	5
Automated Accounting	9/10/11/12	CP	5
Careers	11/12	CP	2.5

Applied Technology

Course name	Grades	Level	Credits
Introduction to Engineering Design	9/10/11/12	CP	5
Principles of Engineering	10/11/12	CP	5
Civil Engineering & Architecture	10/11/12	CP	5
Engineering Design & Development	10/11/12	CP	5
Video Programs and Digital Editing	10/11/12	CP	5
Cable Access Programming	11/12	CP	5
News & Sports Reporting & Prod.	11/12	CP	2.5 or 5

Family & Consumer Science

Course name	Grades	Level	Credits
Food, Family & Finances	10/11/12	CP	5
Introductory Care Giving	10/11/12	CP	5

Physical Education / Health

Course Name	Grades	Level	Credits
Introduction to Health & Wellness	9	CP	4 or 5*
Highway Safety and Wellness	10	CP	4 or 5*
Personal Health & Wellness	11/12	CP	4 or 5*
Teen PEP	11/12	CP	4 or 5*

Dance courses, as listed below, may also qualify as PE credit.

Course Offerings

Course levels: IB International Baccalaureate, AP Advanced Placement
HN Honors, CP College Prep., DC Dual Credit

Visual, Fine, & Performing Arts

<u>Course Name</u>	<u>Grades</u>	<u>Level</u>	<u>Credits</u>
Invitation to the Arts	9	CP	5
<u>Dance</u>			
Performance Techniques	11/12	CP	5
Dance Composition	9/10/11/12	CP	5
Dance Composition II	9/10/11/12	CP	5
Performance Methods	11/12	CP	5
Performance Introduction	9/10/11/12	CP	5
Performance Concepts	9/10/11/12	CP	5
Performance Applications	10/11/12	CP	5
Performance Internship	10/11/12	CP	5
<u>Art</u>			
Independent Painting & Drawing	9/10/11/12	CP	5
Artistic Ceramics	9/10/11/12	CP	5
Drawing & Painting	9/10/11/12	CP	5
<u>Music</u>			
Chamber Music	9/10/11/12	CP	5
Marching Band	9/10/11/12	CP	5
Concert Band	9/10/11/12	CP	5
Concert Band	9/10/11/12	CP	5
Beginning Instrumental Music	9/10/11/12	CP	5
Keyboarding & Songwriting	9/10/11/12	CP	5
Concert Choir	9/10/11/12	CP	5
Music Technology	9/10/11/12	CP	5
Jazz Band	9/10/11/12	CP	5
Musical Theater	9/10/11/12	CP	5

International Baccalaureate Diploma Program (IB)

	<i>Grade 11</i>	<i>Grade 12</i>
Language A HL	IB English. 11	IB English. 12
Language B SL/HL	World Language III	World Language IV
History SL, HL	IB History of Americas I	IB History of Americas II
Math SL, HL	IB Pre-Calculus SL IB Math Studies 1,2 IB Calculus A HL	IB Calculus A SL IB Math Studies 3,4 IB Calculus B HL
Science SL, HL	IB Physics 1,2 IB Biology 1,2 IB Chemistry 1,2	IB Physics 3,4 IB Biology 3,4
6 th Subject/other	IB Music SL IB Art SL/HL IB Dance Theory	Theory of Knowledge (4000 extended essay) Creativity, Activity, and Service

