

Curriculum Guide

2017-2018

North Warren Regional School District



Students of Today, Leaders of Tomorrow



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Accreditation Statement

The North Warren Regional School District holds national accreditation from the Middle States Commission on Secondary Schools.

Grading Scales

The North Warren Regional School District assesses student academic performance using a 100 point numeric scale. Grades of 60 and above are considered passing and eligible as criteria toward promotion at the middle school level, or for credit toward graduation at the high school level. Grades that fall below 60 are considered failing and are not eligible for promotion criteria or graduation credit.

Students who fail a course have the opportunity to complete the course in summer school, through approved online courses, or private tutoring. The tutoring will consist of 30 hours of direct instruction and 30 hours of independent work. Before a student registers for one of these options, approval must be obtained from the North Warren Regional School District administration.

Students who do not complete a course requirement may be assigned any of the following:

INC: Incomplete - Student did not complete the work related to a course. For example, missing assignments. Students will receive a zero grade for missing work, and have 5 days from the end of the marking period to hand in incomplete work. After the 5 days have passed, the INC status is removed, and the student's marking period average is calculated with zero grades awarded for the missing work. The marking period is considered closed at this time.

MED: Medical - Student unable to complete the work related to a course due to illness or injury.

WF: Withdrawal - Student removed from a course due to failing grades.

NM: No Mark - No grade was assigned. Usually because a student dropped the course from their schedule, but there can be other reasons.

Unweighted Grading Scale

100 Point Scale	4 Point Scale	Letter Grade
100-97	4.3	A+
96-93	4.0	A
92-90	3.9	A-
89-88	3.8	B+
87-83	3.5	B-
82-80	3.0	B-
79-78	2.9	C+
77-73	2.5	C-
72-70	2.0	C-
69-68	1.9	D+
67-63	1.5	D-
62-60	1.0	D-
59-0	0.0	F

Final Course Grade Determination

Full Year Courses (4 Marking Periods)	Marking Period 1: 22.5% Marking Period 2: 22.5% Marking Period 3: 22.5% Marking Period 4: 22.5% Exam: 10%
Semester Courses (2 Marking Periods)	Marking Period 1 or Marking Period 3: 45% Marking Period 2 or Marking Period 4: 45% Exam: 10%
Three Marking Period Courses	Marking Period: 33 $\frac{1}{3}$ % Marking Period: 33 $\frac{1}{3}$ % Marking Period: 33 $\frac{1}{3}$ %
Single Marking Period Courses	Marking Period: 100%

Middle School

Middle School Course Offerings

7th Grade

All 7th grade students will be enrolled in each of the following core academic courses:

- American Perspectives
- Language Arts
- Life Sciences
- Mathematics
- Spanish (1 semester or ½ year)
- Study Skills (1 semester)
- Physical Education (3 Marking Periods) and Health (1 Marking Period)

In addition to the above, students must select “fifth academic” electives. Each “fifth academic” contains two courses, each of which will run for ½ the school year. The following “fifth academic” choices are available to the 7th Grade:

- Filming the Novel [AND] Word Power (Greek Roots)
- Mathematical Arts [AND] Contemporary Issues
- Money and Goals [AND] Creative Writing
- Anatomy and Physiology [AND] Ecology, Problems and Solutions
- Engineering Science [AND] Brain Games and Puzzles

Students must also make a choice between either a STEAM focus (Science, Technology, Engineering, Art, Math) or a Music Performance focus.

7th Grade Core Academic Courses

7th Grade Language Arts

The focus of this course is on the development of reading and writing skills through the use of literature, written language, spoken language, and vocabulary. Students will develop reading comprehension and critical analysis skills related to reading tasks. Students will read and respond to a variety of genres including fiction, non-fiction, and poetry. Students will read literary works using novels and an anthology. Works of still visual art and film with an emphasis on observation, description, comparison, contrast, and evaluation will be viewed and analyzed. Writings skills will be further developed, as students will be required to communicate their thoughts and ideas through the construction and delivery of clear and intelligent written language. Vocabulary skills will be developed throughout the school year utilizing both vocabulary from context and vocabulary workbooks that enrich student utilization of more complex vocabulary terms. Lastly, this course will emphasize spoken language with students orally presenting their opinions and/or findings from literature or writing exercises.

7th Grade Mathematics

This course offers a broad spectrum of topics designed to integrate all aspects of the mathematics curriculum. The course is designed to exhibit a balance between theory and application that is essential for future study. Fundamentals will be interwoven with problem-based learning to provide a rich working knowledge of number and numerical operations; geometry and measurement; patterns and algebraic concepts; data analysis and probability; as well as discrete mathematics and mathematical processes. Students in 7th grade mathematics will be assigned to one of two levels of mathematics instruction: Math 7 or

Accelerated Math 7. Some students will be eligible to take Accelerated Math based on the following criteria: (1) Standardized Test Scores; (2) Fifth and sixth grade mathematics grades, (3) Teacher recommendations, and (4) Parent Input.

7th Grade American Perspectives

This course encompasses the topical areas of the United States inclusive of political history, political structure, political process, the basic principles of the United States Constitution, and the basic principles of the United States economic system.

7th Grade Life Science

This basic life science course is infused with some aspects of earth science as it relates to current topics. Students will gain knowledge of life and its processes and how both relate to the environment. In addition to the information gained from textbooks and classroom discussions, students will utilize inquiry experiments to investigate and learn about basic concepts related to life and the world around us.

8th Grade

All 8th grade students will be enrolled in each of the following core academic courses:

- Western European History
- Language Arts
- Physical Sciences
- Mathematics
- Physical Education (3 Marking Periods) and Health (1 Marking Period)

Students need to make a choice between a German or Spanish World Language course.

In addition to the above, students must select “fifth academic” electives. Each “fifth academic” contains two courses, each of which each will run for ½ the school year. The following “fifth academic” choices are available to the 8th Grade:

- Filming the Novel [AND] Word Power (Greek Roots)
- Math Arts [AND] Contemporary Issues
- Money and Goals [AND] Creative Writing
- Anatomy and Physiology [AND] Ecology/Solutions
- Engineering Science [AND] Brain Games

Students must also make a choice between a STEAM focus (Science, Technology, Engineering, Art, Math) or a Music Performance focus.

8th Grade Core Academic Courses

8th Grade Language Arts

This course is a natural transition for students from the 7th grade program by continuing to reinforce reading, written language, spoken language, and vocabulary development. Students will continue to develop reading comprehension and critical analysis skills as they read and respond to novels and a literature anthology comprised of several genres including fiction, non-fiction, and poetry. Works of still visual art and film with an emphasis on observation, description, comparison, contrast, and evaluation will continued to be viewed and analyzed. Regarding the development of writing skills, students will experience effective writing techniques focused on personal writing skills, paragraph writing skills, language usage skills, as well as increasing the breadth of their essays. Students will be required to maintain a journal as an integral part of this course. Another emphasis will be placed on the spoken language with students required to orally present their opinions on literature and their positions taken through the writing process. Lastly, this course will continue to emphasize the ongoing development of vocabulary with a desired goal for students to incorporate the newly mastered language in their written and spoken language.

8th Grade Mathematics

Students in 8th grade mathematics will be assigned to one of two levels of mathematics instruction: Pre-Algebra or Algebra 1.

8th Grade Pre-Algebra

This course will continue to build student skills and knowledge in the five mathematics clusters highlighted in the 7th grade mathematics course. A particular emphasis will be placed on providing students with fundamental structure, logic, and progression of algebraic concepts. Applications using the computer and calculator technology are designed to enhance competency with data analysis. The goal is to provide each student with a strong foundation for successful mathematical study in all levels of high school algebra, geometry, and beyond.

Algebra I (High School Level II for 5.0 Credits)

This course covers the basic structure of Algebra (i.e. the real number system and the systematic investigation of its properties). It follows this approach in as much depth as possible through radicals and quadratic equations, preparing for a more comprehensive course in mathematics. Students in Algebra 1 will receive high school credit upon the successful completion of this course which will be included in their high school GPA and listed on their transcript. As freshman, students will be placed into Geometry and Honors Biology.

8th Grade Western European History

This course is designed to provide students with a broad perspective on Western European History and to develop an appreciation for significant events. These events included but are not limited to the Crusades, the Renaissance, the Reformation, and European expansion through the Age of Exploration.

8th Grade Physical Science

An introductory overview of the field of physical science is provided in this course. Students will be provided with the background information necessary to pursue the study of science in high school. Instruction will focus on the major areas of chemistry, physics, and earth science.

“Fifth Academic” Electives

The “fifth academic” elective consist of two courses, each running for one semester (half-year). Students must choose their pairs of “fifth academic” electives for the 7th and 8th Grade. Students may not select the same elective pairing in two successive years:

<p><u>Filming the Novel</u> Movies can be an integral part of the language arts classroom when they are used in ways to encourage and develop students’ critical thinking. Novels and the movies adapted from them will be used to develop their analytical strategies. The students will use graphic organizers to draw comparisons between the two versions and hypothesize about the effect of adaptation. The students will analyze the differences between the two versions and cite specific examples from the film and textual evidence from the novel.</p>	<p>[AND]</p>	<p><u>Word Power</u> The Word Power course will introduce students to the benefits of studying Latin and Greek roots. According to Dictionary.com, “over 60 percent of all English words have Greek or Latin roots. In the vocabulary of the sciences and technology, the figure rises to over 90 percent”. A deeper knowledge of Latin and Greek’s presence in English improves vocabulary, comprehension of written English, and standardized test scores. The theory behind Teaching Latin and Greek bases along with their prefixes and suffixes is that it enables students to build vocabulary more quickly and efficiently than learning definitions of individual words. In addition, the study of these roots allow students to better appreciate the rich history of English’s</p>
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		<p>development as a language; the patterns and processes at work in the formation of the English language, and the terminology used in medicine, business, education, and law. Previous knowledge of Greek or Latin not required.</p>
<p><u>Mathematical Arts</u> Mathematical Arts is a semester course where students apply their knowledge and understanding of mathematical concepts to design and create beautiful expressions of art from mathematical ideas such as: Two and three-dimensional drawings and models, Mosaic Drawings, sculptures, computer-aided designs, shapes, Lines and landscapes, Three-inch squares, Fractals, Tessellations, Quilt patterns, Symmetric patterns, Origami.</p>	[AND]	<p><u>Contemporary Issues</u> In this one semester elective course, students will examine and study various dynamic issues facing today's world – whether as a citizen of the United States or as a member of the world community at large. This examination will enable them to discover their values and responsibilities as citizens in that society. The course will focus on our six thematic units: Media and the Impact of Technology, the Global Economy, Human Rights, World Health Epidemics, Environmental Issues, and Foreign Policy and National Security. Current events will be used to augment the study of these topics as well as to enhance student's knowledge of the world around them. Students will utilize different learning methods to research, examine evidence, explore differing viewpoints, evaluate information, exercise critical analysis and make judgments with regard to the contemporary issues studied.</p>
<p><u>Consumer Math</u> Students study and review consumer math and arithmetic skills they can apply in their personal lives and in their future careers. The first half of the course begins with a focus on occupational topics; it includes details on jobs, wages, deductions, taxes, insurance, recreation and spending, and transportation. In the second half of the course, students learn about personal finances, checking and savings accounts, loans and buying on credit, automobile expenses, and housing expenses. They then extend their investigations using more advanced mathematics, such as systems of equations when studying cost and profit issues and exponential functions when calculating interest problems.</p>	[AND]	<p><u>Creative Writing</u> Creative writing is a half year course, which places emphasis on improving each student's ability to communicate using the written word. Students will communicate the written word through a variety of methods, including exploring the writing process, journal writing, poetry, short stories, plays, and genres. Students will read, interpret, and analyze a variety of poems and short fictional works by a variety of authors. Through reading and writing activities, students will gain a sound understanding of the elements and forms of writing to create their own written creations. Students will be responsible for submitting at least two perfected pieces into contests over the course of two marking periods. Aside from broadening students' literary scope, helping them read with a critical eye, and exposing them to constructive criticism, this class will most importantly cultivate an artistic appreciation for</p>

		the beauty of language. The Common Core State Standards work in tandem to define college and career readiness expectations.
<p><u>Anatomy and Physiology</u> This course will provide a comprehensive study of the anatomy and physiology of the human body. Topics will include body organization; homeostasis; cell biology; and the skin, skeletal, muscular, nervous systems and special senses. The students will gain an understanding of the relationship between the structure and function of living organisms, most specifically the human body. Upon completion, students should be able to demonstrate a basic understanding of principles of anatomy and physiology of the human body. Laboratory work includes examination of preserved specimens, microscopic study (histology), and examination of bones.</p>	[AND]	<p><u>Ecology/Solutions</u> Ecology, Environmental Problems and Solutions is an elective Middle School laboratory science course that allows students to develop an understanding of the natural and man-made environment and the environmental problems the modern world faces. Students explore ecological concepts through an inquiry approach. Embedded NGSS standards for Inquiry and Technology & Engineering are taught in the context of the content standards for Individuals, Populations, Communities, Ecosystems, Biomes, Humans and Sustainability.</p>
<p><u>Engineering Science</u> Eighth grade science is an exploration into chemistry and basic forces of nature. This course uses inquiry, student-centered laboratory experiences, activities, and focused discussion to promote a deep understanding of concepts and STEM problem solving techniques. While many topics are a basic survey of underlying scientific principles, this course provides one of the first opportunities students may have to learn science at a more complex level. Chemistry ranges from atomic structure and importance to the Law of Conservation of Mass. Emphasis is placed on understanding and effectively using the periodic table as a chemistry tool. The basics of electromagnetic forces are taught including the construction of an electromagnetic and gravitational laws are examined. This course is a rigorous, hands-on, exploration of science.</p>	[AND]	<p><u>Brain Games</u> This course is designed to be an interactive and hands-on class where students explore a wide range of interesting math problems, puzzles, and games while applying their knowledge of mathematical concepts. Students infuse mathematical thinking into engaging activities that allows them to solve problems through reasoning and computation. All work and activities will increase students understanding and appreciation of mathematical ways of thinking and problem solving.</p>

World Language Exposure

7th Grade Spanish

This course develops the basic vocabulary, geography, and culture of Spanish-speaking countries that was started in elementary school. Grammatical structures are introduced.

8th Grade Spanish

This course is designed to provide a foundation for successive years and levels of Spanish. It provides the student with some proficiency in the four basic skills of listening, speaking, reading, and writing. The student is also exposed to the culture, history, literature and geography of the Spanish-speaking regions of the world. Students who are not recommended for the high school

credit bearing Spanish 1 will have the opportunity to take the STAMP test. Upon passing this test, students will receive high school credit and be placed into Spanish 2 as a freshman.

Spanish 1 (High School Level I for 5.0 credits)

Spanish 1 is an introductory course which is designed to provide a foundation for successive years and levels of Spanish. It provides the student with some proficiency in the four basic skills of listening, speaking, reading, and writing. The student is also exposed to the culture, history, literature and geography of the Spanish-speaking regions of the world. Students taking Spanish 1 are awarded high school credit upon successful completion of this course. 8th Grade students are recommended by teachers based on his/her grades and parent recommendation to take the high school credit-bearing Spanish 1 class. The final grade is included in the student's high school GPA and listed on their transcript. These students would then take Spanish 2 as freshman.

German I (High School Level I for 5.0 credits)

German 1 is an introductory course which is designed to provide background for successive years and levels of German. It provides the student with some proficiency in the four basic skills of listening, speaking, reading, and writing. The student is also exposed to the culture, history and geography of German-speaking regions of the world. Students taking German 1 are awarded high school credit upon successful completion of this course and take German 2 as freshman. The final grade is included in the student's high school GPA and listed on their transcript. These students would then take German 2 as freshman.

Arts and Technology “STEAM” Focus or Music Performance Focus

Students may elect either a STEAM Focus or a Music Performance Focus.

The STEAM Focus offers exposure to students to gain foundational knowledge and practical application in 2d, 3d and digital art subject areas, with a technology focus such as computer assisted design, robotics, agriculture, and wood technology. These courses allow students to explore different interest areas, and help inform the student about their elective course options in high school.

The Musical Performance Focus allows students to experience symphonic band, concert chorus, and/or orchestral string instruction in a group setting. These courses are designed to teach students how to produce good tone quality, proper phrasing, and articulation. Exposure to multiply styles of music emphasized. Small group lessons are offered in addition to the larger ensemble.

STEAM (Science, Technology, Engineering, Arts and Math) Focus

7th Grade Coding

This course is designed to introduce students to creative computing using a design-based learning approach. Creative computing supports the development of personal connections to computing by drawing upon creativity, imagination, and interests. It emphasizes the knowledge and practices students need to create the types of dynamic and interactive computational media that they enjoy in their daily lives. Creative computing develops computational thinkers—individuals who can draw on computational concepts, practices, and perspectives in all aspects of students' lives, across disciplines and contexts.

7th and 8th Grade Art

This course is designed to introduce students to the foundations of visual art. Color theory, positive and negative spacing, perspective are all taught and put into practice using a variety of mediums. Students will execute works of art in scratchboard, color media, and ink. Emphasis is placed on drawing as well as thinking in the third dimension while executing works on a two-dimensional plane. Natural ability is not necessary, nor required, as students will be building their skills from the fundamentals provided in this course.

7th Grade Introduction to STEM

An exploratory course in the study of technology. Students will be in a hands on laboratory setting where they will learn how to become problem solvers by following the engineering design process and using materials available to them in the classroom to

overcome specific challenges. Students will be engaged in a variety of learning activities that involve design and inquiry, based on the processes and systems of technology. Students will get a glimpse of how to build models of their ideas and how to work with computer aided drawing software.

7th Grade 21st Century Skills

This course is designed to introduce students to a broad set of knowledge, skills, work habits, and characteristics believed to be critically important to success in today's world. These skills can be applied in all academic subject areas and in all educational, career, and civic settings throughout a student's life.

8th Grade Robotics

Robotics is becoming a larger part of the world in which we live. This class provides students a next step through building and programming basic VEX robots. Students will utilize the scientific method and problem-solving process involving science, math, technology, and engineering skills in an interdisciplinary manner.

8th Grade Online Educational Tools

Students will evaluate information found in sources on the basis of accuracy, validity, appropriateness for needs, and social and cultural context. Students will develop and refine search queries to enhance research results, and recognize the intellectual property rights of creators and producers. Students will utilize social networks and information tools to gather and share information.

8th Grade Agriculture

This is a fast-paced, hands-on course designed to stimulate interest in the agriculture science field and develop an appreciation of this field in our daily lives. Students are exposed to activities in the greenhouse, classroom, and outside.

Music Performance Focus

Middle School Band

In this course, students will develop a basic level of performance by actively participating. The class is focused towards developing performance and rehearsal atmospheres that are musically enjoyable, educationally worthwhile, and valid. Compositions varying in degree of difficulty and representative of all types and periods of music are used as texts. Performances are spread throughout the year to allow for proper preparation and to ensure each student adequate study time.

Middle School Chorus

This course prepares students for high school Chorus. Each day, the class begins with vocal warm ups and exercises designed to condition and strengthen the various components of the singing voice (diaphragm, vocal chords, facial, and neck muscles). These warm ups include major and minor scales, tetrachords, solfeggio, sequential, and breathing exercises. The warm ups also develop tone production and intonation. Following daily warm ups, the singing of the current repertoire is performed. This repertoire includes basic music to be prepared for performance at one of several concerts during the school year as well as for study purposes. Rehearsal of the repertoire includes musical as well as stylistic consideration. All music is rehearsed with respect to the students' understanding of dynamics, phrasing, harmonic motion, tempi indications, and musical form.

Middle School String Ensemble

This course is designed to introduce seventh and eighth grade students to string instruments. Instruction will focus on the following string instruments: violin, viola, violoncello, and double bass. Instruction will include how to properly hold the instruments, how to read music, and how to play the instrument with correct intonation and phrasing. Additionally, instruction will teach students to appreciate the process and discipline of playing music both in an ensemble and as an individual.

Reading Intervention or Math Intervention

Students who are identified as being at-risk for passing state proficiency assessments are placed in intervention courses to remediate skills in these subject areas. Students are identified through a combination of standardized test scores, testing software products, course grades, and staff recommendations. Parent and student referrals are accommodated when possible. This is a mandatory course for students identified as requiring remediation. The instruction emphasizes remediation and reinforcement of basic skills in language arts or math, as well as promoting good study skills.

Middle School Promotion

Standards for pupil promotion are related to the New Jersey Core Curriculum Content Standards, district goals and objectives, and accomplishment of students. A student in the 7th or 8th grade will be promoted to the next grade level when he/she has completed the course requirements for Math, Science, Social Studies, and Language Arts by earning a passing grade for the year and a combined passing average for all other courses at the current grade level.

School attendance may be a factor in the determination of a pupil's promotion or retention. Only extenuating circumstances should permit the promotion of a pupil who has been in attendance fewer than 160 days during the school year.

Any student who does not meet this requirement, may choose to remediate up to two core courses over the summer through an online program, tutoring from a teacher on the approved List of Tutors, or a summer school program. Before registering for any of these options, the course and type of program must be approved by school administration. Transportation and all costs associated with the summer remediation are the responsibility of the parent/guardian. A student who successfully completes and passes the course or courses through a summer remediation program may appeal to the Principal for consideration for promotion to the next grade. All appeals must be completed by August 15.

The parent/guardian may appeal a promotion or retention decision to the Principal whose decision shall be final.

Standardized Testing

- Students in the 7th and 8th Grades will be administered the PARCC computer based assessment in English Language Arts and Mathematics. Students taking the High School credit Algebra I course will take the corresponding Algebra I PARCC assessment.
- 8th grade students are required to take the NJASK (New Jersey Assessment of Skills & Knowledge) Science test at the end of the school year. This is a paper and pencil test and at this time, no minimum score is required.

High School

High School Graduation Requirements

Course Credit Requirements and Credit Groups

In order to earn a diploma, all students are required to have a minimum of 125 total credits. Credits are organized by credit groups, such as “English”, or “Mathematics”. Students must achieve a minimum number of required credits in each credit group as follows:

#Years	Credit Group	Total
4	English	20
3	Mathematics <i>(Must include: Algebra, Geometry and a third year of math that builds on the concepts and skills of Algebra and Geometry and prepares students for college and 21st century careers).</i>	15
4	Physical Education & Health	20
3	Science <i>(Must include: Lab Biology, Lab Chemistry and/or Physics and/or Environmental Science; plus a third laboratory/inquiry-based science).</i>	15
3	Social Studies	15
1	Visual and Performing Arts	5
1	World Language	5
1	21st Century Life and Careers	5
1	Financial Literacy	2.5

Students must acquire the remaining 22.5 credits from elective courses. These remaining elective credits should be selected to provide the student with a well-rounded program that is consistent with the student’s post-secondary educational opportunities, immediate employment, and/or adult citizenship.

State Standardized Testing Requirements

Students graduating as members of the classes of 2016 through 2019 must meet further graduation assessment requirements through a variety of ways, including:

- Achieving passing scores on the Language Arts and Mathematics PARCC assessments; or
- Achieving certain scores on alternative assessments such as the SAT, ACT, or Accuplacer; or
- The submission by the district of a student portfolio through the Department of Education’s portfolio appeals process.

(Special Education students whose Individualized Education Plans (IEPs) specify an alternative way to demonstrate proficiencies will continue to follow the graduation requirements set forth in their IEPs.)

The Class of 2020 must take all PARCC assessments associated with the high-school level courses for which they were eligible.

For the Class of 2021 and thereafter, students who have not demonstrated proficiency on the ELA 10 and Algebra 1 assessments, and have taken all PARCC assessments associated with the high-school level courses for which they were eligible*, can demonstrate graduation assessment proficiency by meeting the criteria of the portfolio appeals process.

Further information can be found at: <http://www.nj.gov/education/assessment/parents/GradReq.pdf>

All students enrolled in Biology level I, II, or III, are required to take the NJBCT (New Jersey Biology Competency Test), a paper and pencil test at the end of the school year. At this time the state of New Jersey does not require a minimum score for graduation.

Instructional Levels and Course Weights

Weighted grades give students a numerical advantage for grades earned in more challenging or higher-level courses such as honors courses, or Advanced Placement courses. This weighting becomes important when determining Honor Roll, or Principal's List, and calculating the GPA and Class Rank. The weighting structure in use at North Warren is as follows:

Level	Weight Added	Details
Level I	+0 (zero)	Level I courses are unweighted.
Level II	+5.	5 is added to the unweighted course grade.
Level III (Honors)	+7.5	7.5 is added to the unweighted course grade.
Level IV (AP)	+10	10 is added to the unweighted course grade.

Honors Level Courses

Entrance Requirements

Honors Courses offer enrichment both in the scope of material presented and in depth of exploration. To be considered for an Honors level course, a student must demonstrate academic excellence in the specific subject as indicated by his/her performance in a Level II course during the preceding year. Academic excellence is defined as a final grade of 85 or higher.

Rights and Responsibilities

If it becomes evident that a student is unable to achieve at least a "C" average, the placement will be reviewed. If the recommendation is that the student be reassigned to the regular academic program, a conference with the student, parent, teacher and school counselor will be scheduled.

- Students receiving a grade of "F" in two consecutive marking periods will automatically be removed, following a parent conference, and placed in a regular academic course.
- Students receiving a grade of "D" in a marking period will be placed on probation. If the grade is not improved to the required standard by the next marking period, the student may be removed and placed in a regular academic course, following a parent conference.
- Students receiving a final grade of "C" or lower may lose the opportunity to continue in the Honors program within that discipline during the next school year

Advanced Placement (AP) Courses

The purpose of offering Advanced Placement courses to students is to provide opportunities for students to be challenged in college-level studies, demonstrate to college admissions officials the willingness to challenge oneself academically, and potentially

reduce the number of courses needed to be taken in college. Students who achieve a score of at least a 3 will be reimbursed the AP examination fee.

Students who take the AP examination, regardless of their grade in the AP course, will be EXEMPT from taking a FINAL EXAM in the AP course. Students and teachers in AP courses will design a suitable college-level project or study to allow the class to continue the college nature of an AP course after the national examinations in May.

Students are reminded to contact their prospective college to inquire about the rules, policies, and/or expectations concerning AP exams.

Grade Point Average Calculation

Grade Point Average (GPA) is the most current average of a student's cumulative GPA history based on final course grades posted to the student's transcript. GPA (cumulative GPA) does not include in progress coursework. GPA is calculated or updated at each school year end by dividing the total number of final course grades by the total number of credits earned, as follows:

$$\text{GPA} = \frac{\text{sum} ((\text{Course Grades} + \text{Weights}) \times \text{Credits})}{\text{sum} (\text{Credits})}$$

GPA Calculation Example

Course	Course Grade	Weight	Credits	[unweighted] <i>Course Grade x Credit</i>	[weighted] <i>(Course Grade + Weight) x Credit</i>
English 11 AP	90	10	5	90 x 5 = 450	(90 + 10) x 5 = 500
World Cultures Level II	88	5	5	88 x 5 = 440	(88 + 5) x 5 = 465
Biology Honors	80	7.5	6	80 x 6 = 480	(80 + 7.5) x 6 = 525
Physical Education	82	0	3.75	82 x 3.75 = 307.5	(82 + 0) x 3.75 = 307.5
Sum			19.75	1,667.5	1,797.5

Unweighted GPA: 1,667.5 / 19.75 = **84.94**

Weighted GPA: 1,797.5 / 19.75 = **91.01**

The GPA is reported/updated annually on the student's transcript as a numeric value on a 100 point scale, rounded up to 2 decimal places.

High School Course Offerings

English

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
1000	Writing Intervention	Semester	I	2.5	None	9-12	Non Elective
<p>This course is designed to assist students in remediating skills when they are identified as being at-risk for passing state proficiency assessments. Students are identified through a combination of standardized test scores, course grades, and staff recommendations. Parent and student referrals are accommodated when possible. This is a mandatory course for students identified as needing remediation. The instruction emphasizes remediation and reinforcement of basic skills in language arts as well as promoting good study skills.</p>							
1002	Sat English Prep	Semester	I	2.5	English 9	10-12	Elective
<p>SAT English Preparation is a course designed to help students improve their SAT scores through the study of vocabulary and reading comprehension. Lessons are designed to help students become increasingly proficient in essay construction, written expression, sentence completions, and responding to critical reading passages.</p>							
1100 1101 1102 1103	English 9 Hon Eng 9	Year	I I II III	5	None	9	Non Elective
<p>There are five elements to the English 9 curriculum: reading, writing, grammar, vocabulary, and oral expression. Literature will be studied by genre, and American literature will be introduced. Students will study at least four significant, book-length pieces of literature during the course of the year; write several significant essays, some requiring research; expand their vocabulary through a prescribed vocabulary program; practice grammar and mechanics skills; prepare and present oral reports; and apply research and technology skills to their written and oral presentations.</p>							
1200 1201 1202 1203	English 10 Hon Eng 10	Year	I I II III	5	English 9	10	Non Elective
<p>There are five main elements in the English 10 curriculum: reading, writing, grammar, vocabulary, and oral expression. Novels, poems, plays, and short stories from American Literature will be studied with a focus on themes related to the American Experience. Students will study at least four significant, book-length pieces of literature during the course of the year; write several significant essays; expand their vocabulary through a prescribed vocabulary program; improve their writing skills through grammar and mechanics practice; prepare and present oral reports; and apply research and technology skills to their written and oral presentations.</p>							
1300 1301 1302 1303	English 11 Hon Eng 11	Year	I I II III	5	English 10	11	Non Elective
<p>There are five elements to the English 11 curriculum: reading, writing, grammar, vocabulary, and oral expression. The readings consist of novels, poems, plays, and short stories from British Literature and focus on themes related to English Literature. Students will study at least four significant, book-length pieces of literature during the course of the year; write several significant essays; expand their vocabulary through a prescribed vocabulary program; improve their writing skills through grammar and mechanics practice; prepare and present oral reports; and apply research and technology skills to their written and oral presentations.</p>							

1304	AP English Lngcomp	Year	IV	5	English 101	12	Elective
<p>This course is designed to facilitate the growth of writing skills with the goal of helping students write effectively and confidently in their college courses across the curriculum and in their professional lives. This is a rigorous course, designed according to the requirements set forth by the AP English Course Curriculum, in which students will learn to read and to write critically. Students will read about and write on a variety of topics, including, but not limited to: public policy, politics, popular culture, social crisis, and imaginative literature. Students will prepare for the Advanced Placement Language and Composition exam.</p>							
1404	AP English Litcomp	Year	IV	5	English 10	11-12	Elective
<p>There are four elements to this course: reading, writing, vocabulary, and oral expression. The reading consists of novels, poems, plays, essays, and short stories from World Literature. Students will study at least four significant, book length pieces of literature during the course of the year; write several significant essays, expand their vocabulary through a prescribed vocabulary program, improve their writing skills through grammar and mechanics practice, prepare and present oral reports, and apply research and technology skills to their written and oral presentations and prepare for the Advanced Placement Literature and Composition exam.</p>							
1422	Creative Writing	Semester	II	2.5	(co-req) English 10	10-12	Elective
<p>This course provides an opportunity to students who have a particular interest in writing to pursue and develop that interest. Students will be instructed, advised, and critiqued in the writing of essays, poetry, stories, dialogues/scripts, and journals. Free choice and assigned writings will be completed.</p>							
1432	Communica tion Arts	Semester	II	2.5	(co-req) English 10	10-12	Elective
<p>This course will explain and give students the opportunity to practice the many verbal and nonverbal skills of effective communication. The students will learn ways to better understand both themselves and others in order to better function in the communication process. This course is introduced through units on personal awareness: both individual and group projects and encompasses listening skills. The course deals with preparing and delivering speeches, debates, oral interpretations, group discussions, and preparing and participating in interviews. The final part of the course addresses media communication and may include videotaped presentations. Individual and group exercises and activities are a major part of this course.</p>							
1442	Found of Journalism	Semester	II	2.5	(co-req) English 10	10-12	Elective
<p>Students will be introduced to the basic concepts of journalism to include writing, reporting, and editing. Students will analyze and interact with various publications and perform assignments with them. At the end of this course, students are expected to have a solid foundation of journalism.</p>							
1452	Journalism Publicat	Semester	II	2.5	Found of Journalism (co-req) English 10	10-12	Elective
<p>The skills achieved in the Foundations of Journalism course are applied to different types of publications in this course. Students will work independently and write a variety of types of articles with a focus on publishing. Students will also engage in activities related to layout, graphic arts and design, desktop publishing, and advertising and business. Students will continue to analyze and interact with various newspapers.</p>							
1462	Sophie's World	Semester	II	2.5	English 10	11-12	Elective
<p>This course is designed to expose philosophy as an interesting and comprehensible subject. Using Jostein</p>							

Gaarder's novel, *Sophie's World* as the basic text, students will also be provided with examples of the implications of various philosophies taken from literature and history, as well as compelling illustrations extracted from real life experience. Students will react in writing to the material.

1492	Filming The Novel	Semester	II	2.5	English 10	11-12	Elective
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Students will read novels, view films, and critique both in this course. They will also be provided opportunities to express how they would film various novels. The course explores issues of structure, narrative chronology, point of view, and character development in the context of filming the novel. The contemporary trend of expanding a novella or short story via film, as well as the use of the graphic novel in film, will also be explored in this course. Students will react in writing and discussion to the material

1530 1531 1532 1533	English 12 Brit Lit Hon Eng 12 Brit Lit	Year	I I II III	5	English 11	12	Non Elective
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Reading, writing, vocabulary, and oral expression are the four elements of this course. Literature will be studied in thematic units. Students will study at least four, book-length pieces of literature, write several signification essays, expand their vocabulary through a prescribed vocabulary program, improve their writing skills through grammar and mechanics practice, prepare and present oral reports, and apply research and technology skills to their written and oral presentations.

1582	History Of Pop Cultures	Semester	II	2.5	English 10	11-12	Elective
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This is a course designed to educate students about the origin and cultural significance of what can be described as "entertainment for the masses." It is broken up into four distinct parts: the definition and history of pop culture, television, movies, and music.

1900	English 9-12	Year	I	5	None	9-12	Non Elective
1910	Reading Strategies	Year	I	5	None	9-12	Non Elective
1911	Reading Intervention	Semester	I	2.5	None	9-12	Non Elective

This course is designed to assist students in remediating skills when they are identified as being at-risk for passing state proficiency assessments. Students are identified through a combination of standardized test scores, course grades, and staff recommendations. Parent and student referrals are accommodated when possible. This is a mandatory course for students identified as needing remediation. The instruction emphasizes remediation and reinforcement of basic skills in reading as well as promoting good study skills.

Financial Literacy

7801	Financial Literacy	Semester	I	2.5	Algebra 1	9-12 [Typically 11-12 Grade]	Non Elective
<p>This course is designed to teach students the decision-making skills needed to become wise and knowledgeable consumers, savers, investors, users of credit, money managers, citizens, and members of a global workforce and society. Students will learn the fundamental, financial concepts pertaining to earning, spending, saving, and investing money. Strategies on how to plan a budget, manage checking and savings accounts, prepare income tax forms, and invest in stocks, bonds, and real estate will be presented. This course will also expose students to the fundamental principles that will develop understanding of the relevance of economics and use in real world contexts. Money-making strategies will be presented, connections with businesses explored, financial planning will be utilized, and learned skills and concepts will be applied to the development of students' hypothetical future endeavors. Additionally, the students will learn about economic trends and principles that have had a profound societal impact. Students will be introduced to the process involved in purchasing a vehicle and property, life, and health insurance. Various Microsoft Office applications, including MS Word, Excel, and PowerPoint are utilized to develop career plans, presentations, and financial spreadsheets.</p>							

Mathematics

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
3001	SAT Math Prep	Semester	I	2.5	Algebra 1	10-12 (or 9th Grade with Alg 1)	Elective
<p>SAT Mathematics Preparation is a course designed to help students improve their SAT scores through the study of mathematics, word problems, and vocabulary traditionally found on the SAT exam.</p>							
3100 3101 3102	Algebra 1	Year	I I II	5	None	9	Non Elective
<p>This course covers the basic structure of Algebra (i.e. the real number system and the systematic investigation of its properties). It follows this approach in as much depth as possible through radicals and quadratic equations, preparing for a more comprehensive course in mathematics.</p>							
3117 3118 3119	Math Intervention Alg 2 Math Intervention Geom Math Intervention Alg 1	Semester	I	2.5	None	10-12	Non Elective
<p>These courses are designed to assist students in remediating skills when they are identified as being at-risk for passing state proficiency assessments. Students are identified through a combination of standardized test scores, course grades, and staff recommendations. Parent and student referrals are accommodated when possible. This</p>							

is a mandatory course for students identified as needing remediation. The instruction emphasizes remediation and reinforcement of basic skills in mathematics as well as promoting good study skills.

3200	Plane Geometry	Year	I	5	Algebra 2	11	Non Elective
3201			I				
3202	Hon Plane Geometry	Year	II	5	Algebra 2	11	Non Elective
3203			III				

It is advised that students who are planning to continue in the math sequence take this course. Plane Geometry provides an introduction of basic geometric concepts and covers all sections on parallel lines and planes, congruent and similar angles, special quadrilaterals, right triangles, circles, and areas. Optional sections include surface areas and volumes. This course stresses both the basic structure and proficiency in developing proofs.

3300	Algebra 2	Year	I	5	Algebra 1	10	Non Elective
3301			I				
3302	Hon Algebra 2	Year	II	5	Algebra 1	10	Non Elective
3303			III				

Algebra 2 is designed for the student who is strong in mathematics and intends to continue in the math sequence. This course builds on skills developed in Algebra 1 involving operations with real numbers, polynomials, and the solution of open sentences. Other topics covered are systems of equations, rational expressions and equations, radicals and polynomials, exponential and logarithmic functions. A unit on quadratic relations and systems is optional.

3402	Pre-calc/ Trig Hon Pre-calc/ Trig	Year	II	5	Algebra 2	11	Elective
3403			III				
3403	Hon Pre-calc/ Trig	Year	III	5	Algebra 2	12	Elective
3402			II				

The progression of mathematics study proceeds from algebra and plane geometry to the study of analytical geometry and trigonometry. It is the purpose of this course to present analytical concepts as they relate to previously studied mathematics concepts and concepts to be studied in the future. Coordinate geometry is used to prove plane geometry concepts, graph and analyze functions, determine loci, and investigate conic sections. This course also presents the theoretical concepts of trigonometry while stressing the practical applications of trigonometry. In general, this course is presented in such a way to acquaint the students with college-like procedure for the study of mathematics.

3411	Math Applications	Year	I	5	Algebra 1 Geometry	11-12	Elective
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A course that works upon the concepts taught in Algebra 1 and Geometry, while providing real world applications of those concepts. It drives further into areas of mathematics as they apply to various career and technical understanding, while continuing the learning needed for the current job market. This course is devised as an alternative to Algebra 2 and will provide further understanding of day to day mathematics used by the general populous. Students looking to go into technical or trade schools, along with careers that do not require calculus. Mechanics, Electricians, Plumbers, trades people of all walks of life need some math understanding, this course is driven to give them a working understanding of those concepts.

3421	Statistics	Year	I	5	(co-req) Geometry	11-12	Elective
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The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:
 -Exploring Data: Describing patterns and departures from patterns

-Sampling and Experimentation: Planning and conducting a study
 -Anticipating Patterns: Exploring random phenomena using probability and simulation
 -Statistical Inference: Estimating population parameters and testing hypotheses
 This course prepares students for decision making, and understanding of scientific discovery, using the mathematics to prove it.

3503	Hon Calculus	Year	III	5	Pre-calc Trig	12	Non Elective
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This course is a culmination of the skills and information acquired in Algebra, Geometry, Trigonometry, and Analytic Geometry and applies them to problems that are inherently interesting. Much work is done with functions and graphing. Applications of the derivative include work with the slope of a function, maximum and minimum problems, and related rates. Applications of the integral include calculating the area under a curve and volumes of revolution.

3504	AP Calculus AB	Year	IV	5	Pre-calc Trig	12	Elective
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This Calculus course is designed for the student who is strong in both mathematical concepts and applications. It covers the subject in greater depth with more theory and derivations than the regular calculus course. This course covers a full semester of college calculus and prepares students take the Advanced Placement Calculus AB exam.

3514	AP Calculus BC	Year	IV	5	Pre-calc Trig	12	Elective
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Although our AP Calculus BC course is a follow on to our AP Calculus AB course, many places offer it can be a one year alternative to AP Calculus AB for well- prepared, motivated students. The major component of this course is a complete first year college Calculus. Students will review and extend their knowledge of algebra, geometry, trigonometry, calculus, and other areas as appropriate for contest preparation. Students study differentiation, integration, and other calculus topics. Proficiency using the TI-89 (TI-83+) Graphing Calculator is expected. The main focus is a solid background in material needed to indicate good preparation for the Advanced Placement Calculus Test (BC) in the morning of Test. Most colleges and universities will grant two semester's credit for a score of 3 or better on the AP Calculus BC test. See above for testing date, location, restrictions, etc. About 40% of the BC test will be BC topics only. A separate AB sub-score will now be provided.

3612	Discrete Math	Year	II	5	Algebra 1, Algebra 2, Geometry	11-12	Elective
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This course is designed for the student who desires a college preparatory mathematics course but does not need calculus for further studies. Logic and problem solving applications using discrete structures such as matrices, sequences, recurrence relations, probability, linear programming, and data analysis will be emphasized.

3802	Introduction To College Math	Year	II	5	Algebra 1, Algebra 2, Geometry	11-12	Elective
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This course is designed as a fourth year of college preparatory mathematics for students planning on nonscientific/non-technical majors. This course is intended to provide an alternative to Pre-Calculus for the liberal arts student. Several basic concepts of mathematics designed to give liberal art majors an understanding of mathematics in areas other than computational application. It will enable students to acquire the mathematical skills and understandings that they will need to be successful in both their daily lives and college.

3900	Math 9-12	Year	I	5	None	9-12	Non Elective
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Physical Education, Health, and Driver's Education

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
6110	Health 09	1 MP	I	1.25	None	9	Non Elective
Health Education in 9 th grade consists of Family Life. This course will cover making healthy choices and behaviors and on personal, family, and community wellness.							
6111	PE 09	3 MP	I	3.75	None	9	Non Elective
Physical Education in grade 9 consists of a core program involving instruction in a wide variety of activities that focus on the following areas: team sports, fitness, individual lifetime activities, and dance.							
6210	Drivers Ed 10	1 MP	I	1.25	Health 9	10	Non Elective
Drivers Education in 10th grade will consist of the highway transportation system and managing risks.							
6211	PE 10	3 MP	I	3.75	PE 09	10	Non Elective
Physical Education in grade 10 consists of a core program involving instruction in a wide variety of activities that focus on the following areas: team sports, fitness, individual lifetime activities, and dance.							
6310	Health 11	1 MP	I	1.25	Drivers Ed 10	11	Non Elective
Health Education in 11th grade consists of Family Life and making healthy choices. Students will compare and contrast diseases and health conditions occurring in adolescence and young adulthood with those occurring later in life.							
6311	PE 11	3 MP	I	3.75	PE 10	11	Non Elective
Physical Education in grade 11 consists of a core program involving instruction in a wide variety of activities that focus on the following areas: team sports, fitness, individual lifetime activities, and dance.							
6410	Health 12	1 MP	I	1.25	Health 11	12	Non Elective
Health Education in 12th grade focuses on First Aid. Students will develop personal strategies to reduce the risk of injuries and to be able to evaluate and demonstrate first aid procedures and the use of CPR, AED, and responding to emergencies.							
6411	PE 12	3 MP	I	3.75	PE 11	12	Non Elective
Physical Education in grade 12 consists of a core program involving instruction in a wide variety of activities that focus on the following areas: team sports, fitness, individual lifetime activities, and dance.							

Science

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
4201 4202 4203	Biology Hon Bio	Year	I II III	5 6	None	9	Non Elective
<p>This is a basic course in biological science that stresses inquiry as a means of learning biological concepts. Students study various topics, including the scientific method and metric system, historical aspects of biology, biochemistry, cytology, genetics (both Mendelian and non-Mendelian), theories of evolution, taxonomy, the characteristics of the major kingdoms (including Archaeobacteria, Eubacteria, Protista, Fungi, Plantae, and Animalia), and ecology</p>							
4204	AP Biology	Year	IV	6	Biology Level II/III co-requisite Chem Level II/III	10-12	Elective
<p>AP Biology is a more in-depth continuation of those topics outlined in the prerequisite courses. The major topics of focus will be: the chemistry of living organisms, cytology, cellular energetics (cellular respiration and photosynthesis), heredity, molecular genetics, evolutionary biology, diversity of organisms, plant and animal structure and function, and ecology. A hands-on, integrative, problem-solving approach will be used to address each topic. This course prepares students take the Advanced Placement Biology exam.</p>							
4301 4302 4303	Chemistry Hon Chem	Year	I II III	5 6	Algebra 1	10	Non Elective
<p>This course is designed to encourage students to learn how to solve problems and use thinking skills. Students will be asked to work together and independently to solve problems theoretically and in collaborative settings, and to apply mathematical reasoning and skills to chemistry problems. The content of the course is focused on the properties of matter and the changes that matter undergoes. The laws and principles, which govern chemical and physical change, are studied. Students will need a scientific calculator to solve problems throughout the year. Students will need to use algebra in most problem-solving activities, and have a working knowledge of percents, fractions, graphing, and exponents. Laboratory experiments and organization are an integral part of the Level II and Level III courses.</p>							
4304	AP Chem	Year	IV	6	Chem Level II/III and Algebra 1	11-12	Non Elective
<p>This course is designed for the students who are strong in both mathematics and science and intend to major in science in college. This course will cover in-depth all topics from first-year chemistry along with several additional chapters. Students will be prepared to take the Advanced Placement Chemistry exam in the spring.</p>							
4402	Physics	Year	II	5	Algebra 1	11	Non Elective
<p>This course is divided into six major areas of study: mechanics, heat, sound, electricity, light, and modern physics. In all cases, topics are presented from a mathematical standpoint. Numerous problems are solved. Every attempt is made to relate the topics of physics to current everyday problems. Whenever possible, a certain amount of laboratory work is done to reinforce a concept. Each experiment performed requires a written report describing the procedure, complete with calculations and conclusion.</p>							
4502	Intro To Astronomy	Semester	II	2.5	None	9-12	Elective
<p>This introductory course provides an in-depth exploration of the universe through descriptive studies of the solar</p>							

system, stars, constellations, black holes, galaxies, quasars, and cosmology. Other topics include artificial satellites, the space program, energy problems, and the search for extraterrestrial life. Emphasis is placed on scientific reasoning and precision as well as on the importance of astronomy as an integral part of the everyday life of the individual. Actual celestial viewing will be done as part of the course, and many facets of local astronomy activities will be explored.

4522	Forensic Science	Semester	II	2.5	Algebra 1, Biology, Chem	10-12 (9th grade with Algebra 1)	Elective
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This course introduces the student to the improved technological techniques used in crime solving. The analysis of evidence at the crime scene and in the laboratory has provided those in criminal justice with a greater confidence that they have prosecuted the perpetrator of the crime. The course examines the crime scene team, different types of evidence analysis, the processing of evidence, and presentation of conclusions regarding evidence from a scientific perspective.

4532	Anatomy And Physiology	Year	II	5	Biology	10-12	Elective
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This course will provide a comprehensive study of the anatomy and physiology of the human body. Topics will include body organization; homeostasis; cytology; histology; and the integumentary, skeletal, muscular, nervous systems and special senses. The students will gain an understanding of the relationship between the structure and function of living organisms, most specifically the human body. Upon completion, students should be able to demonstrate an in-depth understanding of principles of anatomy and physiology and their interrelationships. Laboratory work includes microscopic study (histology), and physiologic experiments.

4702	Meteorology	Semester	II	2.5	None	9-12	Elective
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This course is scientific inquiry-based designed to strengthen student awareness and understanding of weather that influences their daily lives. Students will practice scientific exploration skills developing critical thinking and problem solving capabilities. This course involves the use of an extensive scientific investigation lab environment frequently utilizing internet technology to evaluate rapidly developing worldwide weather and its impact on human activity. Topics of investigation will include atmospheric thermodynamics, air masses and fronts, worldwide weather events, severe weather, local weather phenomena, weather forecasting, atmospheric stability and cloud development, and atmospheric optical phenomena.

4752	Environmental Science	Year	II	5	Biology	10-12	Elective
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Environmental Science is a course that focuses on the "how" and "why" of environmental topics. Students will identify the importance of responsible use of the world's resources to meet the food, fiber, and shelter needs of its inhabitants. This will be covered through a hands-on approach.

4754	AP Environmental Science	Year	IV	6	2 Years of a lab science, Integrated and Biology or Biology and Chem	10-12	Elective
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This course is a year-long examination of the inter-relationships of the natural world. Students identify and analyze environmental problems and their effects and evaluate the effectiveness of proposed solutions. Students learn to think like environmental scientists: making predictions based on observations, writing hypothesis, designing and completing field studies and experiments, and reaching conclusions based on the analysis of data derived from these experiments. Students are taught methods for analyzing and interpreting environmental problems and learn how to identify resolutions, prevention, and sustainability. Students apply the concepts of environmental science to their everyday experiences, current events, and issues in science, politics, and society. This course provides opportunities for guided inquiry and student-centered learning to foster critical thinking skills. Topics include: Earth Systems and Resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution, and Global Change.

4804	AP Physics 1	Year	IV	6	Geometry co-requisite Algebra 2	11-12	Elective
<p>The AP Physics 1 course is equivalent to a first-semester college course in algebra-based physics. The course covers Newtonian mechanics (including rotational dynamics and angular momentum); work, energy, and power; and mechanical waves and sound. It also introduces electric circuits. Students will be prepared to take the Advanced Placement Physics 1 exam in the spring.</p>							
4805	AP Physics C	Year	IV	6	Physics or AP Physics 1	11-12	Elective
<p>This course has two parts: Mechanics and Electricity/Magnetism. The sequence is parallel to or preceded by mathematics courses that include calculus. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.</p> <p>Part I: Mechanics The subject matter of this course is classical mechanics and includes topics in kinematics; Newton's laws of motion, work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. Use of calculus in problem-solving and in derivations is expected to increase as the course progresses. Calculus is used freely in formulating principles and in solving problems.</p> <p>Part II: Electricity and Magnetism The subject matter of this course is principally electricity and magnetism. Methods of calculus are used wherever appropriate in formulating physical principles and in applying them to physical problems. Strong emphasis is placed on solving a variety of challenging problems, some requiring calculus.</p>							
4900	Contemporary Science	Year	I	5	None	11-12	Non Elective
4904	AP Physics 2	Year	IV	6	AP Physics 1, co-requisite Pre-Calc	11-12	Non Elective
<p>The AP Physics 2 course is equivalent to a second-semester college course in algebra-based physics. The course covers fluid mechanics, thermodynamics, electricity and magnetism, optics, and atomic and nuclear physics. Students will be prepared to take the Advanced Placement Physics 2 exam in the spring.</p>							

Social Studies

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
2101 2102 2103	World Cultures Hon World Cultures	Year	I II III	5	None	9	Non Elective
<p>This course considers the influence on contemporary life of the great civilizations from ancient times to the present. Attention is given to the cultures and contributions of the people of Africa, Asia, the Americas, and Europe. Such great movements in history as the development of religions, the Industrial Revolution, nationalism, communism, and the emergence of democratic governments are also considered. Two important aspects of the course are the relationship between the environment and culture and an examination of religion, family, society, and the arts.</p>							
2201 2202 2203	US History 1 Hon US History 1	Year	I II III	5	World Cultures	10	Non Elective
<p>This course is designed to trace the development of the United States from its beginning as a European colonial empire, to its emergence as a world power by the beginning of the 20th Century. Geography, economics, social development, political trends, and the development of democratic ideals will be stressed with the historical events.</p>							
2301 2302 2303	US History 2 Hon US History 2	Year	I II III	5	US History 1	11	Non Elective
<p>US History 2 is designed to introduce students to the period from the 1900s to the present. This course assimilates many of the basic skills and knowledge developed in US History 1. Further, the course aims to develop the effects that the formative era had on the modern era. Emphasis will be placed upon the change from a rural, isolationist and agricultural nation to an urban, industrial, and international power.</p>							
2413	Hon Western Civ	Year	III	5	corequisite US History 2	12	Non Elective
<p>The course will survey the heritage of Western civilization with emphasis on the ancient world, particularly the Greco-Roman period, and the subsequent cultural and intellectual developments that provided the foundation of European history. In addition, the course will examine many of the critical advances in the early civilizations of the Western world with emphasis on the ideological and philosophical developments of the societies that emerged amid the ancient Mediterranean basin. Following a brief introduction into the late Paleolithic era and the Neolithic revolution, the course will shift focus to the Aegean and survey a myriad of Greek contributions to the region's heritage. Such topics as pre Greek migration and later Greek settlements, the polis, philosophy, art and architecture, Homeric writing, mythology, and hoplite warfare will follow with the examination of episodic history in the Greek experience including the Persian and Peloponnesian wars, the Macedonian conquest of eastern Mediterranean, and the subsequent legacies of the Hellenistic age. Attention will then turn to encapsulate the history of Rome tracing the pre-Republic period through the developments that contributed to the rise of the Roman Empire. Upon examination of Rome's heirs, including Christianity, Islam, and Byzantium, the course will conclude with an introduction to the early medieval period in European history. Commitment to specific subjects may vary in content and scope.</p>							
2441	Human Behavior Soc	Semester	I	2.5	None	10-12	Elective

<p>This course is an introduction to both human behavior and sociology. The first half of the course will focus on the social, biological, and psychological factors that determine personality and behavior. An emphasis will be placed on determining how early childhood, learning styles, and consciousness affect behavior. Additionally, significant time will be given to psychological disorders and the various treatment methods available to people with these disorders. The second half of the course will be devoted to sociology and group behavior. The instructor will expand upon knowledge gained during the first half of the course to further examine how individual behavior is influenced by others, culture, and society. The causes of social deviance and society's responses to deviants and their behavior will be discussed in depth.</p>							
2442	Basic Economics	Semester	II	2.5	corequisite US History 2	11-12	Elective
<p>Basic microeconomic and macroeconomics concepts and principles are analyzed and discussed by the students in this course. Students will be introduced to the issues of taxes, inflation, unemployment, as well as the many facets of the role played by the federal government. Students will also gain an understanding of the economic challenges that face our nation, the study of measuring economic performance, supply and demand, money, and monetary policy. Students will apply economic concepts and principles to current problems in the public and private sectors. The course will extend into the international arena and examine economics from a global perspective.</p>							
2452	Abnormal Psychology	Semester	II	2.5	None	10-12	Elective
<p>This is an introductory course in psychopathology or the scientific study of mental health disorders. The course will include definitions, theories, and classification of abnormal behavior (DSM-V). Content will focus on symptoms, classifications, prevalence, etiology, and treatment of mental health disorders, including mood, anxiety, eating, schizophrenia spectrum, substance use, and personality disorders.</p>							
2464	AP European History	Year	IV	5	None	10-12	Elective
<p>This year-long course will survey various critical developments in European history from 1300 through the late twentieth century. Whereas focus will emphasize internal economic, political, and social patterns that span the scope of modern European history, the course will examine many of the major cultural and intellectual movements including such topics as the Renaissance, the Scientific Revolution, the Reformation and Counter Reformation, absolutism, the Enlightenment, and the emergence of nationalized state systems. Likewise, analysis of the industrial, military, and imperial proceedings of the European nation-states that characterized much of global history in the late 19th and early 20th centuries will follow the review of Western advances in technological innovations that contributed significantly to Europe's colonial pursuits in the so-called era of High Imperialism. The subsequent rivalries and escalated tensions among the imperialist powers will be addressed to determine the origins of two global conflicts in the twentieth century. With such a foundation, the course will demonstrate how the European order collapsed as the result of World War I leaving in its wake a period of increased turmoil including revolutionary impulses and alternative political arrangements. The survey of the interwar period including the global depression and World War II will follow with the various domestic and international post-war conditions that challenged the European states and shaped their history in the second half of the 20th century. Students will be prepared to take the Advanced Placement History exam in the spring.</p>							
2472	Political Science	Semester	II	2.5	corequisite US History 2	11-12	Elective
<p>This course is an in-depth study of the workings of the American Government, both in a historical and modern context. Study will focus on the three branches of government, the checks and balances of each, and the political arenas in which important decisions have been made. Significant attention will be given to landmark Supreme Court cases and the rights and responsibilities of American citizens. Students will be challenged to broaden their knowledge of local, state, and federal government by becoming active participants in town meetings and election campaigns. Students will be encouraged to analyze their political viewpoints and formulate opinion on controversial topics of the past and those facing our nation's future.</p>							
2474	AP US History	Year	IV	5	corequisite US History 2	11-12	Elective

<p>This year-long course in Advanced Placement United States History is one of the most challenging courses offered by the Social Studies Department. Following the National College Board Advanced Placement curriculum, this course is designed to give students a strong analytical experience of various documents and primary sources that revolve around selected themes determined by the College Board that are divided into time periods of American history. Some topics that will be interwoven amongst the themes include, but are not restricted to, are American Colonialism, ideology of the Revolution, Jeffersonian ideals, Jacksonian Democracy, reform movements, Civil War, Reconstruction, Populism, Progressivism, immigration, industrialization, World War I, New Deal, World War II, and the Cold War. Students will not only evaluate the historic forces that shaped the development of the United States from pre-Columbian societies to the post-Cold War world, but will also examine multiple interpretations of the past and develop new explanations that address current trends in historiography. Students will be prepared to take the Advanced Placement United States History exam in the spring.</p>							
2482	Intro to Law	Semester	II	2.5	None	9-12	Elective
<p>In this course, students will explore and become acquainted with legal rights and responsibilities, the relationship between the law and its role in day-to-day activities, and general terminology. The students' ability to analyze the law and apply critical thoughts to specific situations will be performed. Technology will be incorporated through online mediums to search for applicable case law and current events.</p>							
2484	AP Psychology	Year	IV	5	None	10-12	Elective
<p>This year-long 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 will be exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. Ethics and the methods psychologists use in their science and practice will also be taught. Students will be prepared to take the Advanced Placement Psychology exam in the spring.</p>							
2521	Emergence Of Modern America	Semester	I	2.5	None	9-12	Elective
<p>In this one semester elective course, students will examine and study various dynamic issues facing the United States during the decades of the 1950's, 1960's & 1970's – whether as a citizen of the United States or as a member of the world community at large. The course will focus on our six thematic units: America in the Fifties, '50s Culture, Civil Rights - Transformation of the 1960s, The Counterculture of the 1960s, 1970s: The Age of Disillusionment and 1970s Culture. The Emergence of Modern America will provide students with the opportunity to explore United States social history from the Post World War II period, through the 1970's. Students will investigate lifestyles, history, politics, economics, entertainment, the arts, literature, and "pop culture," as they analyze and evaluate these decades.</p>							
2531	Ghosts, Legends, Monsters	Semester	I	2.5	None	10-12	Elective
<p>Through urban legends, myths, and ghost stories cultures communicate their changing fears, values, prejudices, and desires. What do the legends of the Jersey Devil say about life in the Pine Barrens in early colonial America? How does the story of George Washington and the cherry tree convey the traits we value in our leaders? What do the legends of Shades of Death Road say about life in rural America? This half-year course explores the cultural and sociological meanings behind some of America's (and the world's) most well-known and obscure legends, myths, ghost stories, and tales of supernatural encounters with the unknown (UFOs, zombies, vampires, werewolves, etc). When applicable, efforts will be made to place each folkloric story in a proper context, exploring the significant historical events that might have contributed to the story's origins and growth. This course will rely heavily on assigned readings and in-class discussions as students will be required to critically analyze and compare different folkloric stories, fables, myths, and legends from both a cultural, anthropological, sociological, and historical perspective.</p>							
2532	His of film: Imp-wwi	Semester	II	2.5	corequisite US History 2	11-12	Elective

<p>This course will survey through the medium of film, cinematic perspective, and historiographical reading and research, a number of selected themes focused on global and American history. Beginning with a brief overview of cinematic history, the course will follow with analysis of pivotal domestic and international developments and patterns spanning the period from the late nineteenth century through World War I. Amid the survey, the course will evaluate the relationship between film and history including the way filmmakers interpret historical events and portray the past to a mass audience. Commitment to specific subjects may vary in content and scope.</p>							
2552	His of film: 1920s-wwii	Semester	II	2.5	corequisite US History 2	11-12	Elective
<p>This course will survey through the medium of film, cinematic perspective, and historiographical reading and research, a number of selected themes focused on global and American history. Beginning with a comparative view of the United States in the post-World War I era, the course will examine pivotal international developments and trends that marked the interwar period. The course will conclude with a comparative analysis of World War II, the Jewish Holocaust, and the changes in the cinematic portrayal of war during the twentieth century. Amid the course survey, students will evaluate the relationship between film and history including how filmmakers interpret historical events and portray the past to a mass audience. Commitment to specific subjects may vary in content and scope.</p>							
2562	In the Footsteps of History	Year	II	5	None	11-12	Elective
<p>This course features a team of instructors from within the Social Studies department, each of whom leads the class for approximately five weeks. Through broad discussion and specific readings and assignments, the class will approach American history from a multidisciplinary perspective. In addition to history this course aims to explore America's colonial and Civil War past through a utilization of skills from the fields of psychology, sociology, military studies, anthropology, memory studies, and folklore. During each marking period students will visit a significant site from America's colonial and Civil War past, possibly including: Williamsburg, Philadelphia, Harpers Ferry, Antietam, and Gettysburg. Student participation in the field trips will be contingent upon these requirements being met: Students are required to maintain a B or higher throughout the course, complete assignments in a timely manner, and maintain a good standing within the North Warren community (faculty and administration).</p>							
2574	AP US Government And Politics	Year	IV	5	corequisite US History 2	11-12	Elective
<p>Advanced Placement United States Government & Politics is offered as a rigorous elective course for juniors and seniors. The course seeks to explore and inform on topics related to political life, behavior, and processes in the United States. Topics include: Constitutional foundations of American government; political beliefs and behaviors of Americans; the influence of groups and interests on politics, including political parties, special interest groups, and the media; functions and organization of national government; public policies and those involved with creating them; and civil rights and liberties. Topics of study may be added as necessary, including application of current events as they relate to and interact with the curriculum. Students taking this class, no matter their level of political knowledge, will learn and understand how the United States government functions and behaves in order to make informed political decisions and take appropriate political actions in their lives. The course follows a nationally recognized curriculum, and students are encouraged to take the corresponding national test for potential college credit in May. The course emulates a college-level introductory political science course in subject matter, rigor, and class expectations.</p>							
2900	Social Studies 9-12	Year	I	5	None	9-12	Non Elective
7104	AP Macro economics	Year	IV	5	Algebra 1	10-12	Elective
<p>This year-long course is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price</p>							

level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts.

Visual and Performing Arts

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
8111	Drwg Painting 1	Year	I	5	None	9-12	Elective
<p>Drawing and Painting, a foundation course, will begin the year by developing the fundamental principles of drawing and perception. Skills are introduced through rendering techniques with a greater emphasis placed on drawing from observation and advancing to life drawing through a variety of media. Painting will be introduced midyear with emphasis on water color and acrylic painting. Different styles and periods of art history will be examined.</p>							
8121	Ceramics I	Year	I	5	None	9-12	Elective
<p>This course is designed to introduce students to clay as a viable medium often utilized in the fine arts. Students will explore various construction techniques, surface decoration, and glazing and become familiar with its properties. They will be exposed to contemporary directions in ceramics and prominent ceramicists.</p>							
8122	3d Design	Year	II	5	Ceramics or Sculpture	10-12	Elective
<p>This course is designed to provide students with the opportunity to develop "in depth" knowledge of applied skills in the art of ceramics and sculpture. Students will be exposed to as well as developing three dimensional art forms and utilizing various sculptural techniques and mediums along with advanced glaze techniques. A wide exposure to materials and sculptural concepts will evolve student work to standing forms. Projects are both material based and conceptual, employing multimedia solutions. Students will complete figurative and abstract projects with an understanding of their origins in an art historical context.</p>							
8141	Computer Graphics I	Year	I	5	None	9-12	Elective
<p>Computer Graphics will introduce students to art and design through technology. Photoshop, InDesign, Illustrator, and other programs from the Adobe Software will be utilized to create projects with digital photography, book jacket design, logo/packaging, and an introduction to animation, while gaining an understanding of art fundamentals. Students will learn the computer graphic design concepts and programs which will result in personal portfolios for each student. Whereas the course is designed to encourage creativity and individuality, the hands-on approach provides students the opportunity to engage in valuable and career-oriented skills.</p>							
8142	Drwg Painting 2	Year	II	5	Drawing & Painting I	10-12	Elective
<p>This course will begin by sequentially exploring the observational drawing skills learned in Drawing and Painting 1. Students will work more in depth with drawing technique and with a variety of materials, such as charcoal and ink, while mastering value and contrast of shadow and light. Students will gain a greater vocabulary which will enable them to critique the works of others as well as those in art history. Painting will be introduced midyear with emphasis on oil paint, but will include watercolor and acrylic as well. Emphasis will be on designing creative solutions to new ideas and solutions using a visual artistic language with a concentration on traditional exploration. This class will prepare them for an honors level course and help them understand true composition and the elements and principles of art and design.</p>							
8143	Hon Art	Year	III	5	Drawing & Painting II	11-12	Elective
<p>The focus of this course is to expand the understanding and application of the elements of art and the principles of design, thus preparing students to be able to meet the challenges of advanced art instruction. A major component of this course is the preparation and building of a visual art portfolio. Drawing and painting from observation, figure</p>							

drawing, and original compositions will be covered utilizing a wide variety of media. Stretching a canvas and executing an original acrylic painting will be taught. Individual direction, experimentation with materials and techniques, and student-initiated projects is also a part of the curriculum. Sketchbooks will be kept with regular entries. All work will be evaluated through group critiques with an emphasis on the development of an art vocabulary. Art history will also be surveyed.							
8151	Computer Graphics II	Semester	I	2.5	Computer Graphics I	10-12	Elective
Computer Graphics 2 is intended as an expansion beyond Computer Graphics 1. Students will be given the opportunity to concentrate further on design using InDesign and Illustrator. In addition, composition and designing more professional products, like logos, packaging, proper use of text/font design will be covered. Students in this class will experience real world workplace scenarios as they collaborate and have team meetings with the Product Design class that is being proposed in the Industrial Design department. Students will take advantage of using a 3D printer as well in this collaboration.							
8154	AP Art History	Year	IV	5	None	10-12	Elective
AP Art History is a college-level survey course for both art and non-art majors who would like to receive college credit in the humanities. The primary goal of this course is to familiarize students with works of art in relation to their time period, genre, philosophical, social, and cultural contexts. This course will help increase students abilities to think critically through the analysis of artwork. Written reports and verbal assignments will sharpen students' ability to articulate their thoughts and formulate judgments about visual literacy and aesthetic theory. By placing works of art in their proper historical framework, students are able to reinforce both their chronological knowledge of events as well as their contextual nature. An examination of the aesthetic properties of artwork opens up discussion and promotes students learning as it relates to the philosophies that have helped to shape our modern world view. This course provides an opportunity for students to further their understanding of art as it relates to studio practice. Students will be prepared to take the Advanced Placement Art History exam in the spring.							
8161	Digital Photography	Semester	I	2.5	None	10-12	Elective
Digital Photography is a course that addresses photographic theory/history, camera technology, digital applications, composition, lighting, and practical experience. This course provides the basis for digital photography as well as portfolio development for students interested in pursuing a career in the film arts. The goal of the course is to build a foundational understanding of these mediums that will help them to produce quality photographs. Students will be required to provide their own appropriate camera or pay a rental fee to borrow one from the school.							
8164	AP Studio Art 2D	Year	IV	5	Drawing & Painting I, or II	11-12	Elective
AP Studio Art 2D is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and executive in 2D design. This course is based on a student creating a body of work that demonstrates quality, concentration, and breadth. This portfolio will be submitted to College Board for college credit. This is a full-year course. As in any college-level course, students will be expected to spend a considerable amount of time outside of class completing assignments, homework, and sketchbook assignments.							
8201	Symphonic Band 0910	Year	I	5	None	9-10	Elective
8211	Symphonic Band 1112	Year	I	5	None	11-12	Elective
Students will develop a high level of performance by actively participating in this course. The course is focused toward developing performance and rehearsal atmospheres that are musically enjoyable, educationally worthwhile, and valid. Compositions varying in degree of difficulty and representative of all types and periods of music are used as texts. Performances are spread throughout the year to allow for proper preparation and to							

insure each student adequate study time.							
8241	Orchestral Strg 0910	Year	I	5	None	9-10	Elective
8251	Orchestral Strg 1112	Year	I	5	None	11-12	Elective
<p>Students will build upon the skills that they learned in 7th and 8th grade on the violin, viola, cello, and bass. This is a performance class that culminates in required student participation in several concerts throughout the school year. Students will develop advanced bowing articulations, two octave scales and arpeggios i keys up to four sharps and flats, and shifting to higher positions on the fingerboard. An understanding of time signatures and rhythmic patterns will be developed. An emphasis will be placed on proper posture for both the bow hand and left hand. Students will learn concert etiquette and how to follow a conductor during rehearsal of etudes and compositions of varying difficulty. Performance repertoire includes music from the Baroque, Classic, Romantic and Contemporary Eras, as well as music from popular, film, and show genres.</p>							
8262	Music Drama	Year	II	5	None	9-12	Elective
<p>Music Drama is introduced with the study of the genres of the dramatic musical arts. This is designed to provide students with a better understanding of what is available in the media, entertainment, and music world.</p>							
8271	Concert Choir 0912	Year	I	5	None	9-12	Elective
<p>Each day, vocal warm-ups and exercises designed to condition and strengthen the various components of the singing voice (diaphragm, vocal chords, facial and neck muscles) are performed. These warm-ups include major and minor scales, tetrachords, solfeggio, sequential, and breathing exercises. Tone production and intonation are also developed. Singing of the current repertoire follows the daily warm-ups. This repertoire includes music to be prepared for performance at one of several concerts during the school year as well as for study purposes. Rehearsal of the repertoire includes musical as well as stylistic consideration. All music is rehearsed with respect to student understanding of dynamics, phrasing, harmonic motion, tempi indications, and musical form. Period music (Baroque, Classical, Contemporary, and Romantic) is studied with historic consideration.</p>							
8291	Music Theory	Year	I	5	None	9-12	Elective
<p>Music Theory is designed for the student who wishes to learn the fundamentals of basic music language, techniques of musical analysis, development of aural, vocal, and keyboard skills, and understanding of how music is constructed. This course is designed to provide opportunities for the development of student creativity and offer insights into ways to improve musical performance.</p>							
8311	Fashion Design	Semester	I	2.5	None	9-12	Elective
<p>Fashion Design is focused on the history of fashion, fashion illustration, and fashion design using the elements and principles of design, anatomy, and careers in the fashion industry. Students will take a field trip to a costuming exhibit or fashion design school. Students will be required to purchase a sketchbook for the class.</p>							
8321	Interior Design	Semester	I	2.5	None	9-12	Elective
<p>Interior Design is focused on basic interior design concepts, layouts, presentation, and possible careers in the field. Students will take a "working" field trip to an interior design firm. Students will be required to purchase a binder for the class.</p>							
8331	Illustration	Semester	I	2.5	None	10-12	Elective
<p>Illustration is proposed as a semester course focused on the history/concept of illustration, in-depth exploration of techniques, development of a portfolio, and college/career preparation. Students will be required to purchase a</p>							

sketchbook for the class.							
8341	Ceramics II	Semester	I	2.5	Ceramics	11-12	Elective
Advanced Ceramics is focused on expanding on basic techniques learned in Ceramics. Students will explore more advanced avenues of clay building skills as they develop their own unique style into a varied portfolio of work.							
8351	Art Around the World	Semester	I	2.5	None	9-12	Elective
Art Around the World is focused on exploring the arts found across the globe. Students will experience the customs and cultures of the world when they study and create the unique crafts of these diverse communities. Ceramics, fiber arts, found materials, etc. will be used throughout their journey.							
8361	Intro to Jewelry	Semester	I	2.5	None	9-12	Elective
Intro to Jewelry Making is focused on the metal-smith art of jewelry making. Students will learn the basic techniques of sawing, soldering, annealing, forging, and finishing as they design and create original, wearable masterpieces. Consumable material costs would be offset by a mandatory class lab fee.							

World Languages

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
5001	Conversational Spanish	Year	I	5	None	9-12	Non Elective
<p>This course is designed to increase and improve conversational techniques, expand basic vocabulary and grammar, and improve spoken fluency. The main emphasis of this course will be oral practice. Various topics of interest will be researched, discussed, and presented.</p>							
5111	Spanish 1	Year	I	5	None	9-12	Elective
<p>Spanish 1 is an introductory course which is designed to provide a foundation for successive years and levels of Spanish. It provides the student with some proficiency in the four basic skills of listening, speaking, reading, and writing. The student is also exposed to the culture, history, literature and geography of the Spanish-speaking regions of the world.</p>							
5122	Spanish 2	Year	II	5	Spanish 1	10-12 or 9th grade with Spanish 1	Elective
<p>Communication skills will be further developed in Spanish 2. The skills of listening, speaking, reading, and writing are further developed, with an emphasis on more advanced grammatical principles as well as aspects of culture, history, literature and geography of the Spanish-speaking regions of the world.</p>							
5132 5133	Spanish 3 Hon Spanish 3	Year	II III	5	Spanish 2	10-12	Elective
<p>Spanish 3 is designed to further enhance communicative skills in the Spanish language. This course provides students with practical vocabulary via vignettes of life experiences of modern day Spanish-speaking regions of the world. The stimulating stories are intended to develop language proficiency. Additionally, an intensive review of grammar and the introduction of new language structure will be implemented.</p>							
5142 5143	Spanish 4 Hon Spanish 4	Year	II III	5	Spanish 3	12	Elective
<p>Spanish 4 is designed to expand the student's communication skills through thematic readings. Conversational fluency by means of practical vocabulary, reading comprehension, oral exercises, conversation, translation, photographs, proverbs, jokes, cultural information, and classroom discussions will be facilitated. Intensive review of grammar and expansion upon new structure will be implemented.</p>							
5154	AP Spanish Lang & Cult	Year	IV	5	Spanish 4	11-12	Elective
<p>This course is designed for students who have mastered the basics of Spanish. The course enriches the vocabulary through exercises that introduces new vocabulary, dialogue, narrative photographs, topics for discussion, and themes for written development. To facilitate oral proficiency and communication skills in the target language, role-playing activities, questions for discussion, critical thinking, audiovisual aids, and cultural information are employed. Students will be prepared to take the Advanced Placement Spanish exam in the spring.</p>							
5311	German 1	Year	I	5	None	9-12	Elective
<p>German 1 is an introductory course which is designed to provide background for successive years and levels of German. It provides the student with some proficiency in the four basic skills of listening, speaking, reading, and</p>							

writing. The student is also exposed to the culture, history and geography of German-speaking regions of the world.							
5322	German 2	Year	II	5	German 1	10-12 or 9th Grade with German 1	Elective
Communication skills will be further developed in German 2. The basic skills of listening, speaking, reading, and writing are further developed, with an emphasis placed on more advanced grammatical principles, as well as on aspects of the culture, history, geography, and literature of German-speaking regions of the world.							
5332	German 3	Year	II	5	German 2	10-12	Elective
This course series is designed to facilitate conversation and comprehension of the German language. This course provides students with practical vocabulary of real life in the modern German world. Additionally, an intensive review of grammar and the introduction of new language structures will be implemented. Finally, the course includes an overview of the general geography, culture and customs of German speaking regions of the world.							
5342	Hon German 4	Year	III	5	German 3	11-12	Elective
German 4 is designed to provide students with advanced proficiency in the skills of listening, speaking, reading, and writing with an emphasis on more complex paragraph and essay writing. Students will continue to study various types of German language literature.							
5411	Chinese	Year	I	5	None	9-12	Elective
In this course, students begin their introduction to Mandarin Chinese with fundamental building blocks in the four key areas of world-language study: listening comprehension, speaking, reading, and writing. Students will learn basic spoken expressions and be introduced to the writing system. The course covers a variety of basic topics: how to use Chinese Pin Yin, recognize basic Chinese characters, greetings, numbers, time, date, etc. as well as basic grammar rules. On a regular basis, students will have opportunities to practice their listening and speaking skills while they apply new vocabulary words and sentence structures to reach mutual understanding with other speakers. Through different learning activities, students will also gain an understanding of the Chinese culture. Cultural topics focus on the history of the Chinese language and culture, lifestyle in China, and other culturally relevant information about current events.							

21st Century Life and Careers

Course #	Name	Yr/Sem	Level	Credits	Pre-requisites	Available to Grades	Elective
7182	Computer Programming	Year	II	5	Algebra 1	9-12	Elective
<p>This course introduces and emphasizes the structured programming method. Students are taught to solve problems and program their solutions using top-down design and modular programming. Problems covered include a wide range of subject areas, including mathematics, science, program control loops, sorts, searches, arrays, files, records, graphics, and sound. If time allows, students will have an opportunity to explore Visual Basic, a graphical user interface employing event driven object-oriented programming.</p>							
7184	AP Computer Science A	Year	IV	5	Algebra 1	11-12	Elective
<p>This introductory course is built around the development of computer programs that correctly solve a given problem. These programs should be understandable, adaptable, and reusable (when appropriate). At the same time, the design and implementation of computer programs is used as a context for introducing other important aspects of computer science including the development and analysis of algorithms, the development and use of fundamental data structures, the study of standard algorithms and typical applications, and the use of logic and formal methods. The responsible use of the systems is an integral part of the course.</p>							
7201	Web Page Design I	Semester	I	2.5	None	9-12	Elective
<p>This course will provide students with an introduction to Web Page Design concepts and principles. Students will be introduced to the basic fundamentals of coding in Hypertext Markup Language ("HTML") and Extensible Hypertext Language ("XHTML").</p>							
7202	Apps Development	Semester	II	2.5	Web Page Design I	9-12	Elective
<p>This course introduces mobile application development for the web, Android and iOS platforms. Students will learn skills for creating and deploying applications, with particular emphasis on software engineering topics and computational thinking. Students will focus on an ability to do the following:</p> <ul style="list-style-type: none"> -Describe those aspects of mobile programming that make it unique from programming for other platforms, -Critique mobile applications on their design pros and cons, -Program mobile applications for the web, Android and iOS operating system that use basic and advanced phone features -Deploy applications for distribution. 							
7321	Marketing	Semester	I	2.5	None	9-12	Elective
<p>The Marketing class will take students on a step-by-step journey through the world of sports and entertainment marketing. Students will encounter and learn about the key functions of marketing and how those functions are applied to sports and entertainment. Each function is incorporated throughout each lesson and discussed how they are used in the marketing process. Integration assessment activities throughout will help students reinforce key functions and highlight interesting aspects of marketing in sports and entertainment today.</p>							
7331	Intro to Entrepreneurship	Semester	I	2.5	None	9-12	Elective
<p>This course provides students with the information needed to be a successful business owner. All aspects of entrepreneurship (risk and reward) will be explored. Students will select a business of their choice, and through research, develop a comprehensive business plan.</p>							

7422	Product Design	Year	II	5	Engineering Design	10-12	Elective
<p>Product Design is a year-long, project based course that will expose students to the experience of designing products, from ideas to commercialization. Using skills and techniques used in Engineering Design, design teams in the class will work together to plan, and create designs for products to appeal to specific demographics according to student research. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community using their design portfolios. Product Design will collaborate, and have team meetings with, the Computer Graphics 2 class that is being proposed. These two classes will work together for a project in order to develop marketing tools and packaging for products. Product Design will utilize CAD software to create technical drawings and our 3D printer for prototyping. In the future, we hope to implement the use of Computer Numeric Control devices, such as routers and laser engravers, in order to develop scaled models or prototypes for products.</p>							
7432	Robotics	Year	II	5	None	9-12	Elective
<p>Robotics is becoming a larger part of the world in which we live. This course provides students the next step through building and programming basic VEX robots. Students will utilize the scientific method and problem-solving processes involving science, math, technology, and engineering skills in an interdisciplinary manner.</p>							
7443	Advanced Robotics	Year	III	5	Robotics	10-12	Elective
<p>Advanced Robotics is a year long, honors level, project based course that dives deep into the systems of robotics. Students will hone their skills in programming, research and development, teamwork, and communication methods. While building and programming robots, students must apply mechanical, electrical, and robotic concepts. They will learn about electrical components, mechanics, and systems integration, while using their innovative minds to complete their tasks using their resources. Students will develop advanced problem-solving skills, programming skills, and abilities in working hands-on. By the end of this course, students should be able to take an idea and develop it into a fully functioning autonomous robot.</p>							
7481	Wood Technology I	Year	I	5	None	9-12	Elective
<p>This introductory course teaches students the safe and proper use of most common hand tools and woodworking machines that would be found in a well-equipped home workshop or small contractor's shop. This course will delve into many facets of the woodworking field from hand tools to power tools; from manufacturing procedures to residential home construction. Emphasis is placed on safety, cooperation, and learning; not production. Much of the work is of an individual nature employing the project method as they complete a variety of projects.</p>							
7483	Advanced Materials Processing	Year	II	5	Wood Tech I Engineering Design	11-12	Elective
<p>Advanced Materials Processing is a year-long, project based course developed with an interest in allowing students to develop their skills, primarily in woodworking, in a professional manner. Students will research, design, and build pieces that will fit the needs of their demographics. Projects made in the course will not be made without purpose. Students will meet with members of the community, and using their skills and knowledge learned in Engineering Design, Architecture and Construction, and Wood Technology, they will fulfill their needs. Students may have to learn about building codes, ergonomic design, designing within a budget, working with polymers, and many other invaluable lessons. Picnic tables at local parks, benches in our courtyards, storage sheds for sports or maintenance, shelving or cabinets for classrooms, or display cases around the school are just a few of the endless ways that our students can make improvements to our local community. Students will be responsible for documenting all of their work, by utilizing a design portfolio, and communicating with members of the professional community.</p>							
7462	Engineering Design	Year	II	5	None	9-12	Elective
<p>Engineering Design is a year-long, project based course created with an interest in exposing students to the engineering design process, research and analysis, teamwork, communication methods, global and human</p>							

<p>impacts, engineering standards, and technical documentation. Students will develop problem-solving skills, research and marketing techniques, and abilities in modeling and prototyping. Using right brain thinking and STEM knowledge, students will create solutions to real world problems, giving them a head start for college and careers. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community using their design portfolios.</p>							
7572	Intro to Digital Animation	Year	II	5	None	9-12	Elective
<p>In this course, students will study how movies and video games are created from a technical point of view. Students will study how the digital assets of these media are created and use computer modeling and animation software to create their own virtual environments and animations.</p>							
7582	Intro to Arch, Design & Constr	Year	II	5	None	9-12	Elective
<p>In this course, students will study the world's greatest architectural structures, examine how they were built, and why each is particularly important for its contribution to engineering. Students will then apply this knowledge of architectural engineering to design their own great works of architecture through model building and computer-aided design.</p>							
7601	Basic Foods	Semester	I	2.5	None	9-12	Elective
<p>The students will develop basic cooking and meal planning skills, complete individual and group activities, learn to handle food and equipment safely, cook using a wide variety of methods, and create healthful and interesting foods.</p>							
7611	Regional Cooking	Semester	I	2.5	Basic Foods	9-12	Elective
<p>Students will have the opportunity to study the cuisine that Americans have inherited and developed. This course will concentrate on the many factors of each region plus Hawaii and Alaska that produce American cooking as we know it today. The students will improve cooking skills and nutritional outlook as they gain knowledge about various cooking methods and techniques traditional to each region of America.</p>							
7621	International Foods	Semester	I	2.5	Basic Foods	9-12	Elective
<p>The students will have the opportunity to explore cuisines from around the world, learn managerial skills through the planning and preparation of a wide variety of ethnic recipes, gain an appreciation of cultural diversity, learn how the difference in foods influence people and their relationship to the environment, modern technology, and to one another. Current nutrition issues will also be investigated, as well as the daily food choices and nutritional needs of the students.</p>							
7631	Independent Living	Semester	I	2.5	None	9-12	Elective
<p>Students will gain an understanding of themselves, the influences on their behavior and their relationships. Communication, leadership, and citizen skills are emphasized as well as career planning. Preparing for family life will also be covered.</p>							
7721	Small Engine Repair	Year	I	5	None	9-12	Elective
<p>In this course students will learn the basic diagnostic and prescriptive processes involved in repairing small gasoline engines including designing and creating necessary parts and fixtures.</p>							
7732	Animal Science, Wildlife Mgt	Year	II	5	Biology	10-12	Elective
<p>This course is intended to serve as one of two foundational courses within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in animal science so that students may continue through a sequence of</p>							

<p>courses through high school. Students will explore hands-on projects and activities to learn the characteristics of animal science and work on major projects and problems similar to those that animal science specialists, such as veterinarians, zoologists, livestock producers, or industry personnel face in their respective careers. The knowledge and skills students develop will be used in future courses within the CASE™ program.</p>							
7772	Agriculture, Food, Natural Resources	Year	I	5	None	9-12	Elective
<p>Introduction to Agriculture, Food, and Natural Resources (AFNR) is the introductory course in the CASE sequence of courses. It is designed to introduce students to the four pathways that will be offered through CASE. In addition to a brief overview of animal science, plant science, natural resources, and agricultural technology and systems, students will explore FFA, leadership, and science in agriculture. Students will be prepared for both college-level courses and the workforce.</p>							
7311	Accounting I	Semester	I	2.5	None	9-12	Elective
<p>This course teaches students how to apply accounting procedures for the complete accounting cycle for a service business organized as a proprietorship. Career opportunities in accounting and educational requirements for entry-level positions will be covered as well. Accounting is for those students seeking to expand their personal economic education and who have a variety of career objectives in the business field.</p>							
7312	Accounting II	Semester	II	2.5	Accounting I	9-12	Elective
<p>This course reinforces the accounting cycle and continues the study of accounting for a corporation. The course includes study and use of special journals for recording purchases, cash payments, sales, and cash receipts. Also covered are accounts receivable and uncollected accounts receivable, plant assets and depreciation, inventory, notes and interest, accrued revenue and expenses. The course ends with the preparation of dividends, financial statements, and end-of-fiscal period entries. It is the basis for further advanced accounting study and provides skills for entry-level employment.</p>							
7811	Patriot Pride Marketing	Year	I	5	Marketing, Accounting, or Intro to Entrepreneurship	10-12	Elective
<p>This course would require the students to staff and run the school store, getting practical experience and understanding of retail store management. In addition to learning how to successfully run a retail store, this course would provide the students with practical experience they could cite in their resumes as they apply for real world work. Course materials would cover all aspects of running a business and using the school store to implement Business Principles that are new or expand on prior class lessons, like Human Resource, Operations, Marketing, and Sales Management.</p>							
7900	Vocational/Life Skills	Year	I	5	None	9-12	Non Elective
7782	Plant Science	Year	II	5	Agriculture, Food & Nat Resources	10-12	Elective
<p>This course is intended to serve as a foundation course within the CASE™ sequence. The course is structured to enable all students to have a variety of experiences that will provide an overview of the field of agricultural science with a foundation in plant science so that students may continue through a sequence of courses through high school. Students will work in teams, exploring hands-on projects and activities, to learn the characteristics of plant science and work on major projects and problems similar to those that plant science specialists, such as horticulturalists, agronomists, greenhouse and nursery managers and producers, and plant research specialists face in their respective careers. The knowledge and skills students develop will be used in future course within the CASE™ program. Students will be prepared for both college-level courses and the work force.</p>							

7762	Floriculture	Year	II	5	Agriculture, Food & Nat Resources & Plant Science	11-12	Elective
<p>This course focuses on floriculture production and floral design. This class will help students develop skills in the design and construction of floral arrangements, along with providing background knowledge of the industry. Students will be exposed to greenhouse operations and management practices that will prepare the students to produce commercial plant species in a controlled environment and to manage commercial and experimental greenhouse operations.</p>							
7742	Agribusiness	Year	II	5	Agriculture, Food & Nat Resources & Plant Science & Floriculture	11-12	Elective
<p>Agribusiness is an applied course of study integrating the principles of economics, business, and management. It involves solving operational problems of farms and agribusiness firms with modern decision making aids, as well as forecasting and strategic planning to meet the rapid changing economic conditions. Career opportunities exist with various private, industries, and governmental agencies involved in agricultural marketing, financing, processing, distribution, management, and farm supplies.</p>							
7822	Exploring Computer Science	Semester	II	2.5	Algebra 1	9-12 [9th Grade with Algebra 1]	Elective
<p>This course is designed to introduce students to the breadth of the field of computer science through an exploration of engaging and accessible topics. Rather than focusing the entire course on learning particular software tools or programming languages, the course will focus on the central ideas of computing and computer science and help students understand why certain tools or languages might be utilized to solve particular problems.</p>							
9050	Senior Project	Year	I	5	None	12	Elective
<p>Under Option II, students may register to take the course Senior Project in the 12th grade. Projects are scheduled as a full-year course. Proposals for Senior Project are to be submitted by the end of a student's junior year. All proposals must be approved before registration to this course is complete. Before finalizing their enrollment in this course, students and their parents will be encouraged to attend a meeting where the components and responsibilities associated with the Senior Project course will be shared.</p>							

Middle School and High School Academic Honors

Honor Roll and Principal's List

To recognize outstanding academic performance and to articulate the community's expectation for excellence, students may qualify for either the Honor Roll or Principal's List.

Principal's List: Weighted Marking Period Average between 93-100, with no individual weighted course grade lower than 80.

Honor Roll: Weighted Marking Period Average between 87-92 with no individual weighted course grade lower than 80.

Academic Hall of Fame

Students who achieve the Principal's List for all 16 marking periods while in High School will have their picture displayed in the Academic Hall of Fame. All grades, in all courses, will count toward eligibility for the Academic Hall of Fame.

National Honor Society

The purpose of the National Honor Society is to create enthusiasm for scholarship, to stimulate a desire to render service, to promote leadership, and to develop character in high school students. To be considered eligible for applying to the North Warren Regional National Honor Society, a student needs to be a junior or senior with a weighted cumulative GPA of a 92.5 or higher, and a clean disciplinary record.

Class Rank, Valedictorian and Salutatorian

Class ranks are determined from the weighted rolling cumulative GPAs of each student in the class. This is performed at the end of junior year and again after the third marking period of the senior year.

The student in the high school graduating class who has earned the highest **weighted** rolling cumulative grade point average after the completion of the third marking period of senior year is determined to be the valedictorian; the student with the second highest **weighted** rolling cumulative grade point average after the completion of the third marking period of senior year is determined to be the salutatorian. Any student so named shall have been enrolled in this school district their entire junior and senior years to be considered as valedictorian or salutatorian.

The **rolling** cumulative GPA is different to the cumulative GPA and is calculated using the student's current year posted grades and historical posted transcript grades. Rolling cumulative GPA serves as a projection of class rank and final GPA prior to all grades being posted.

Grade point average shall be determined in accordance with Policy No. 5430 and shall, for the purpose of this recognition, be calculated at the completion of the third marking period of senior year. In the event the highest or next highest weighted grade point average has been earned by two or more students, both or all the students who have tied for first or second place shall be named co-valedictorian or co-salutatorian, as the case may be.

High School Enrollment Options

Senior Final Exam Exemption Qualifications

There are two ways that a senior student can be exempt from final exams.

"A" Exempt Policy

Any senior who has an unweighted "A" average over the four marking periods in a full-year course, or over the two marking periods

in a half-year course, with no grade lower than a “B” during any marking period in the course, can be exempt only from the final exam for the course.

AP Exemption

Students who take the AP examination, regardless of their grade in the AP course, will be EXEMPT from taking a FINAL EXAM in the AP course. Students and teachers in AP courses will design a suitable college-level project or study to allow the class to continue the college nature of an AP course after the national examinations in May

Early Graduation and Option II Graduation

In accordance with N.J.A.C. 6A:8-5.2(e), a state-endorsed high school diploma will be awarded early to any currently enrolled student who has met the State Standardized testing graduation requirements in all sections of an applicable High School Competency Assessment; has presented official transcripts showing at least 30 general education credits leading to a degree at an accredited institution of higher education; and has formally requested an early award of a state-endorsed high school diploma. The diploma will bear the date of issuance. The student may be permitted to participate in graduation ceremonies with his/her classmates without formal readmission to the school district on application to and approval of the high school principal. Students interested in graduating early should speak with their school counselor by October 31 of junior year so a plan can be developed to achieve this goal.

Warren County Technical School

Warren County Technical School (WCTS) is a public school option for Warren County residents interested in a career and technical approach to secondary education. It is a full-time, four-year school that serves high school career students, post-secondary adult career students, and adults in the continuing education program. WCTS offers a career-based structure that delivers a sequence of courses within four umbrella academy programs.

Graduation requirements in Arts, English, Health & Physical Education, Math, Science, Social Students, World Languages as well as business management are integrated within the academy structure. Admission to WCTS is through an application process. Interested students should see the middle school counselor, by October 15 of the 8th grade.

Articulation Agreements

Articulation Agreements with County College of Morris, Delaware Valley College, Rutgers University, and SUNY: Cobleskill have been approved in Agriculture, Horticulture, and/or Landscape Technology. Students who complete specific courses at North Warren and meet the stated criteria may be eligible to receive college credit for their coursework at North Warren. If you are interested in pursuing one of these paths, please see your school counselor for details.

Senior Work Study

Under Option II, students may opt for Senior Work Study. The following guidelines must be followed:

- Complete the application forms and return to the College and Career Center by June 1.
- Working papers must be on file in the school counseling office.
- Seniors must be in attendance at school for six periods before leaving for work.
- Students participating in an athletic program will not be permitted to participate in the work study program during that particular sports season.
- Students enrolled in the work study program must be passing all courses with a minimum average of “C” in each course in order to continue to participate in this program. The Department of Labor supports the school system in allowing the principal to revoke a student’s working papers if the work program is negatively impacting a student’s success in school.
- Students who become unemployed will be assigned to a study hall.
- Students are required to sign in and/or sign out every day at the reception desk outside the main office. Failure to do so may result in disciplinary action and/or removal from the program.

- Students may not work for a parent, guardian, or relative without a waiver

Dual Enrollment

North Warren Regional has partnered with Warren County Community College (WCCC) to offer a Dual Enrollment Program. The purpose of the Dual Enrollment Program is to provide high school students with the opportunity to earn both high school and college credit simultaneously during regular school hours at North Warren at no cost to the student. Students will receive instruction by their high school teachers who meet community college teaching requirements. Students enrolled in approved dual enrollment courses will earn college credits documented on a Warren County Community College transcript.

Students who earn a grade of C or better in an approved dual enrollment course will receive college credit with the exception of students enrolled in high school AP courses who MUST take the AP exam prior to receiving college credit as well as earning a grade of C or better in the AP course. Grades and credits will be recorded on a permanent Warren County Community College transcript.

Please speak to your counselor to determine which North Warren courses qualify as part of the dual enrollment program for Warren County Community College credits.

Senior Project

Under Option II, students may register to take the course Senior Project in the 12th grade.

Instructional Services

English Language Learners

English Language Services is designed to meet the needs of the non-native speakers of English in our community. The curriculum and texts vary with the needs of the population served in any year. The course provides individual instruction in reading, writing, and speaking American English.

Gifted and Talented Education

Middle School students are evaluated for an enrichment program in the 7th grade. Criteria assessed for admission include subject grades, standardized test scores, and former/current teacher recommendations. Students assessed in the areas of performing or visual arts will provide a performance or portfolio of their work for evaluation.

The needs of gifted students in the High School are met through more challenging and rigorous coursework available through Honors and AP courses.

Math, Language Arts, Reading and Writing Intervention

Intervention classes are provided to assist students in remediating skills when they are identified as being at-risk for passing state proficiency assessments (PARCC). Students are identified through a combination of standardized test scores, course grades, and staff recommendations. Parent and student referrals are accommodated when possible. This is a mandatory course for students identified as needing remediation. The instruction emphasizes remediation and reinforcement of basic skills in reading, writing, and mathematics, as well as promoting good study skills.

Special Education

The North Warren Regional School District provides a comprehensive array of special education services as mandated by federal and state law. The Child Study Team consists of a school psychologist, school social worker, and learning disabilities teacher consultant.

Members of the CST consult with classroom teachers, administrators, and parents regarding instructional methods and/or counseling necessary to meet the specific needs of individual students. CST members:

- Participate in the evaluation of students who may need special education programs and services.
- Participate in the determination of eligibility of students for special education programs and services.
- Deliver appropriate related services to students with disabilities (e.g., school-related counseling).
- Provide appropriate preventive and support services to non-disabled students.
- Provide services to the school staff regarding techniques, materials, and programs for students experiencing difficulties in learning.
- Consult with school staff and parents in order to optimize learning for students; and
- Assist with designing, implementing, and evaluating techniques to prevent or remediate educational difficulties.

The Child Study Team's focus centers on developing creative ways to help students realize their potential in school. This focus is not to be restricted to diagnosis, labels, or categories, but to look at students as individuals, and to involve students, parents, and teachers in a problem-solving process leading to student success. The speech and language specialist provides instruction for communication-based learning needs which include the areas of articulation, fluency, voice, and language. The majority of the language instruction is curriculum-based and is delivered as a supplement to the student's general classroom assignments.

The special education teachers effectively deliver instruction designed to meet the individualized needs of the student with educational disabilities. Instructional programs include separate classroom settings and in class resource room instruction.

Student Services

Health Services

The Health Office is designed to assist any student who becomes ill in school or needs to take medication prescribed by their doctor. Parents can assist by keeping their child home when they are ill. In the event that your child become ill in school, please make sure that your contact and medical information is current.

Specific health screenings are routinely conducted. For example, hearing and vision screenings are performed in the 8th and 10th grades. Scoliosis screenings are performed in the 7th, 9th, and 11th grades. For more information about health services, please visit the North Warren Regional School District website.

Intervention and Referral Services (I&RS)

The North Warren Intervention and Referral Services(I&RS) believes that the goal of the I&RS committee is to assist our colleagues and the families of North Warren with strategies for struggling learners who have social, emotional, and academic concerns. If you have concerns regarding your child, please contact your child's school counselor for a pre-referral conference.

Student Counseling

The focus of the counseling department is to insure quality school counseling services for each student in the North Warren Regional School District. To fulfill this, counselors will assist students to:

- Assess their strengths, aptitudes, and interests
- Plan their educational program
- Develop decision-making and problem-solving skills
- Identify their career options
- Build a foundation for a fulfilling life

Dean of Students and Student Assistance Counseling

Students and parents may access the services of the Dean of Students for any social or emotional issues that go beyond the ability of the family to address. These types of issues may include drug and alcohol abuse, grief over personal loss, self-esteem/self-image issues, and/or interpersonal concerns. The Dean of Students provides individual and group counseling services and makes referrals to community agencies when appropriate. The Dean of Students also works on providing preventative strategies to help the entire school community address social issues.

College and Career Counseling

The College and Career Center is an extension of the services provided by the school counseling department. A primary goal of the College and Career Center is for students to utilize its resources to identify their interests and talents as they prepare for post-secondary educational opportunities and productive careers. Students can research both college and career information and will develop their college/career portfolio either at the Center or by using online web-based programs from home. Students work on various levels of career education including work release and independent projects during senior year.

Scholarship information, financial aid information, voter registration, and registration forms for the Selective Service are available in the Center (or online at <http://www.sss.gov/>). All males turning 18 years old must register with the Selective Service.

Factors in College Admissions

Academic Record: The academic record includes an evaluation of the number of academic units a student has completed in high school, the levels of these courses, and the grades earned. All of this data is combined to determine a student's GPA and class rank.

Testing Data: Testing data may include the Scholastic Aptitude Test (SAT), Scholastic Aptitude Subject Tests (SAT II), the American College Test (ACT), and any Advanced Placement exams that were taken. Many two-year colleges and career/technical schools do not require SAT scores. If planning to attend one of these schools, please contact the admissions office of the school.

Recommendations: Recommendations are typically requested by students from their school counselor and/or classroom teacher.

Resume: The student's resume should include all experiences beyond the classroom curriculum which may be invaluable towards the college admissions process.

Recommended College Academic Units:

English (most challenging level feasible) 20 credits

Mathematics (at least through Algebra II) 20 credits

Science (laboratory courses) 20 credits

Social Studies 15 credits

World Languages (three consecutive years) 15 credits

Athletic Eligibility

In order to be eligible to participate in high school athletics, students must meet the following NJSIAA Criteria:

- All incoming ninth grade students are automatically eligible for athletic competition during the first semester (fall and winter sports seasons) of ninth grade.
- To be eligible for athletic competition during the first semester (fall and winter sports seasons) in the tenth grade or higher, a student must have earned at least 30 credits.
- To be eligible for athletic competition during the second semester (spring sports season) in the ninth grade or higher, a student must have earned at least 15 credits during the preceding first and second marking periods.

- Students interested in participating in college athletics are to register with the NCAA Clearinghouse Eligibility Center at the beginning of their junior year and speak with their school counselor. Athletes will not be able to participate in College Division I or II programs without NCAA Clearinghouse approval, even if you have been accepted at the school. At the end of your junior year, a transcript will be sent to the Eligibility Center from the school counseling office. Additionally, a student should have their SAT and/or ACT scores forwarded directly to the Eligibility Center (by using Code 9999) whenever they take the SAT or ACT exam.

Visit <http://www.ncaapublications.com/> to view the Guide for College Bound Athletes, and the manual for each of the Divisions.

Notices

Affirmative Action Statement

The North Warren Regional School District declares that the intent of this Affirmative Action Statement is to ensure educational equality for all students regardless of race, ethnicity, religion, affection or sexual orientation, gender, nation of origin, or disability. This includes, but is not limited to testing, interviewing, transferring in or out of district, grade promotion, social activities, and recreational programs the District sponsors and supports.

Equity in Education Policy Notice

The North Warren Regional School District does not discriminate on the basis of race, creed, color, national origin, ancestry, age, marital status, affectional or sexual orientation, gender, religion, disability, or socio-economic status.

The North Warren Regional Board of Education has established policies pursuant to the state equity code, Managing for Equality and Equity in Education (N.J.A.C. 6A:7). This administrative code specifies standards for district boards of education in establishing policies and procedures for the provision of educational programs and services for all students pursuant to all applicable laws, codes, and regulations, which include but are not limited to:

State	Federal
Article I, Paragraph 5 of the New Jersey State Constitution	Titles VI and VII of the Civil Rights Act of 1964
New Jersey Law Against Discrimination (N.J.S.A. 10:5)	Title IX of the Education Amendments of 1972
History of the United States and New Jersey (N.J.S.A. 18A:35-1)	Equal Pay Act of 1973
Equality in Educational Programs (N.J.S.A. 18A:36-20)	Section 504 of the Rehabilitation Act of 1973
Prohibition of Discrimination (N.J.S.A. 18A:36-20)	Americans with Disabilities Act of 1990
	Individuals with Disabilities Education Act (IDEA) of 1997

The North Warren Regional Board of Education has approved a three-year Comprehensive Equity Plan to address equality in school and classroom practices, equality in employment and contract practices, and professional development in equity issues. This document, as well as all relevant Board policies, is available to the public in the District office.

Section 504 Rehabilitation Act

- Section 504 of the 1973 Rehabilitation Act is a non-discrimination statute barring discrimination on the basis of one's disability.
- It is the policy of the school district not to discriminate on the basis of disability in its educational programs, activities, or employment policies as required by the Act.
- The Act requires the school district to locate, evaluate, and determine if the student is a qualified individual requiring accommodations necessary to provide access to educational programs.
- Parents are entitled to have the opportunity to review relevant educational records under the Family Education Rights and Privacy Act (FERPA).
- Parents or guardians disagreeing with the decisions reached by school staff for accommodations necessary for access to educational programming and/or facilities may request a hearing before an impartial hearing officer by notifying the school principal.
- Within five days of a hearing, all parties will be advised of the outcome of the complaint process.
- The designated school district Section 504 Coordinator..

Harassment, Intimidation, and Bullying

The Board of Education prohibits acts of harassment, intimidation, or bullying of a student. A safe and civil environment in school is necessary for students to learn and achieve high academic standards. Harassment, intimidation, or bullying, like other disruptive or violent behaviors, is conduct that disrupts both a student's ability to learn and a school's ability to educate its students in a safe and disciplined environment. Harassment, Intimidation, and Bullying Definition "Harassment, intimidation, or bullying" means any gesture, any written, verbal or physical act, or any electronic communication, as defined in N.J.S.A. 18A:37-14, whether it be a single incident or a series of incidents that:

- Is reasonably perceived as being motivated by either any actual or perceived characteristic, such as race, color, religion, ancestry, national origin, gender, sexual orientation, gender identity and expression, or a mental, physical or sensory disability; or
- By any other distinguishing characteristic; and that
- Takes place on school property, at any school-sponsored function, on a school bus, or off school grounds, as provided for in N.J.S.A. 18A:37-15.3, that substantially disrupts or interferes with the orderly operation of the school or the rights of other students; and that
- A reasonable person should know, under the circumstances, that the act(s) will have the effect of physically or emotionally harming a student or damaging the student's property, or placing a student in reasonable fear of physical or emotional harm to his/her person or damage to his/her property; or
- Has the effect of insulting or demeaning any student or group of students; or
- Creates a hostile educational environment for the student by interfering with a student's education or by severely or pervasively causing physical or emotional harm to the student. "Electronic communication" means a communication transmitted by means of an electronic device, including, but not limited to, a telephone, cellular phone, computer, or pager