

Crestwood Secondary Campus

281 South Mountain Boulevard
Mountain Top, PA 18707
(570) 474-6782



Course Selection Guide 2021-2022

www.csdcomets.org

Crestwood Secondary Campus
Course Selection Book
2021-2022

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Course Selection Book Part 1:
The Planning Process



Crestwood School District:

An Equal Opportunity Educational System

Crestwood School District will not discriminate on the basis of race, color, age, national origin, sex, or handicap in its admission procedures, educational programs and activities, or employment practices as required by Chapter VI, Title IX and Section 504.

For information regarding civil rights or grievance procedures, contact Mr. Joseph M. Gorham, Title IX and section 504 coordinator, at 281 South Mountain Boulevard, Mountain Top, PA 18707, (570) 474-6782. For information regarding services, activities, programs and facilities that are accessible to and usable by handicapped persons, contact the building principal.

Statement of Equity in Vocational Education

Crestwood School District offers vocational programs in health, trade and industrial occupations. Admission to these programs is based on completion of ninth grade. Crestwood School District will not discriminate on the basis of race, color, age, national origin, sex, or handicap in its admission procedures, educational programs and activities, or employment practices as required by Chapter VI, Title IX, and Section 504.

For information regarding civil rights or grievance procedures, contact Mr. Robert Mehalick, Title IX and section 504 coordinator, at 281 South Mountain Boulevard, Mountain Top, PA 18707, (570) 474-6782. For information regarding services, activities, programs and facilities that are accessible to and usable by handicapped persons, contact the building principal of the individual schools.

Crestwood Secondary Campus – (570) 474-6782, Ext. 301

Margaret S. Foster

Principal of Academic Affairs

John Gorham

Principal of Student Affairs

Fairview Elementary School – (570) 474-5942

Kevin Seyer

Principal

Rice Elementary School (570) 868-3161

Bonnie Gregory

Principal



January 2021

Dear Parent/Guardian:

It is the intent and purpose of the Crestwood School District to fulfill the educational needs of each student in the District. To accomplish this goal, Crestwood Secondary Campus is requesting your cooperation. We ask that you and your student(s) assess his/their individual academic goals and future aspirations, and then jointly select the appropriate course of study.

The course selection process is the start of identifying an action plan that will systematically make it possible to achieve your most immediate goal: positive progress toward graduation and a Crestwood Secondary Campus Diploma. Best wishes in your quest toward achieving your academic goals. Remember, there are many people that have a defined mission to help you through this sometimes difficult but exciting process. Do not hesitate to consult Crestwood Secondary Campus administrators, guidance counselors, department chairpersons or faculty members as you work together with your student(s).

Scheduling information is available online at www.csdcomets.org. If you should have any particular problems or questions, please contact the Guidance Office for assistance at (570) 474-6782, ext. 318.

We earnestly request your cooperation in this matter, as it is important to your student's academic experience.

Thank you in advance for guidance and cooperation with this important educational matter.

Respectfully,

Mrs. Margaret Foster

Margaret S. Foster
Principal of Academic Affairs
Secondary Campus

Mr. John Gorham

John Gorham
Principal of Student Affairs
Secondary Campus

281 South Mountain Boulevard, Mountain Top, PA 18707
(570) 474-6782 · District Office Fax (570) 474-2254

Crestwood School District extends equal opportunities to all individuals without discrimination because of race, creed, color, sex, age, national origin or handicap.

Crestwood School District

Mission Statement

The mission of the Crestwood School District is to support personalized learning so students are college and career ready upon graduation.

Vision

Crestwood School District is dedicated to respect, integrity, community, excellence, and team work in all we do.

Shared Values

1. We believe that all students can acquire knowledge, skills, and process information in the pursuit of an appreciation for life-long learning.
2. We believe that all students can develop integrity.
3. We believe that all students can be creative and utilize higher order thinking skills.
4. We believe that all students can develop the ability to adapt to change.
5. We believe that all students should respect the differences of society's diverse ethnic, racial, religious, and socioeconomic population.
6. We believe that young adults possess a varied amount of potential that can be developed and nurtured with the assistance of educators.
7. We believe that our school is the educational, civic, social, and athletic center of our community.
8. We believe that quality education and the associated accountability is the responsibility of the entire community.
9. We believe that the ultimate motivation and responsibility for achievement and success depends on the perseverance and committed effort of the individual student.
10. We believe that regardless of individual circumstances, all students can achieve with guidance, direction, and unwavering belief in the power of high expectations.
11. We believe that all students are entitled to learn in a safe, healthy, and orderly environment.
12. We believe that a major purpose of education is to provide opportunities for individuals to be responsible and productive citizens.

Introduction

This publication is intended to convey information to both parents and students about the offerings in Crestwood Secondary Campus in order that a careful and wise choice of subjects can be made. Parents are urged to read this carefully and to consult with a counselor concerning any questions that may arise.

Crestwood Secondary Campus offers a comprehensive scholastic program. By wise selection of courses, a student may prepare to enter an institution of higher learning, work at a selected vocation, or enter the world of business. Regardless of personal aspirations, he/she will be afforded the opportunity to gain a broad, liberal education. There are a wide variety of subjects from which he/she may select. It is important that each young person have a purpose in mind as he/she plans his/her schedule. The “Program of Studies” is designed to aid in that plan. The preparation of a schedule is an important matter which should be considered very carefully by the student and parents with the help of the school counselor. Decisions should be based on the student’s abilities, interests, aptitudes, willingness to work, and future vocational or educational plans. Parents should feel free to contact the Guidance Office to discuss this important matter. The telephone number is (570) 474-6782, extension 318.

It should be recognized by parents and students that the program of studies is essentially mandated by the Pennsylvania Department of Education. We consider this program along with the mandated subjects in senior high as a basic education. It is through the selection of courses in the senior high, that the student designs his/her curriculum. It is our desire that each student, through a choice of elective subjects, may have his/her own curriculum consistent with his/her aspiration, potential, and past achievement. Please keep in mind that in Part 2 of the Course Selection Book: Course Descriptions, the word *required* is defined as coursework that should be completed prior to this specific course noted. The word *recommendation* details what the professional staff at CSC believes to be an indicator of academic success for each specific course.

The purpose of this information is to assist parents and students in making curriculum choices and to serve as a guide to an intelligent and reasonable course selection. This selection should be made in view of the student’s past achievement record, initiative, desire, attitude concerning studies, and standardized test results.

The curriculum outline in this Course Selection Guide is designed to give students some choices when considering their post-secondary transition and career field. The broadest considerations in this transition include college coursework, preparation for the business field, vocational education, and the comprehensive world of work. They may also select those academic subjects for which they qualify and that will meet their needs. Requirements for graduation will be in accordance with curriculum regulations of Pennsylvania State Board of Education.

A completion project (graduation project), and successful completion of PA Keystone assessments (proficient or advanced) after the completion of Algebra I, Biology in grade 10, and Literature in grade 11 are required to obtain a PA State-approved diploma. Additionally, Chapter IV of the Pennsylvania School Code requires that the Crestwood School District offer systematic supplemental instruction to all students that score less than proficient on the Keystone exams. Crestwood Secondary Campus meets this expectation through a combination of computer-aided learning and direct instruction. These courses are competency-based and are designed to assist students that have not achieved state mandated proficient status on the Keystone State Exams.

Guidance Department

A planned program of guidance counseling is an integral part of the educational program of our school and will be provided to all students.

Guidance services are available for every student in the school. These services include, but are not limited to, assistance with educational planning, interpretation of test scores, occupational information, career information, tutorial study help and study skills development, address concerns within the home, school and/or social issues. Students wishing to visit a counselor should contact their counselor and arrange an appointment. In case of an emergency, students should speak to a counselor directly.

Counseling is an essential aspect of a well-rounded education. The services provided have the potential to facilitate and accelerate positive and consistent academic and social development.

Guidance Contact Information

Your Guidance Counselor is assigned alphabetically, except North Campus (7th & 8th grades):

Mr. Joel Heintzelman (H-O) ext. 317
Joel.Heintzelman@csdcomets.org

Mrs. Holly Hischak (A-G) ext. 329
Holly.Hischack@csdcomets.org

Mrs. Leann Womelsdorf (P-Z) ext. 333
Leann.Womelsdorf@csdcomets.org

7th & 8th grades – Mr. Andy Sorber, ext. 338
Andy.Sorber@csdcomets.org

Scheduling Procedures

- Each grade is assigned a week in February for scheduling.
- Counselors will go into student classes at the beginning of the assigned week to explain course availability, online scheduling and to distribute appropriate documentation for parent review and signature. Students are then to return the documentation to their teacher in preparation for online scheduling
- Counselors will meet with students mid-week in the South Campus Media Center for online scheduling. Once they have scheduled, parents will be able to view courses selected via Skyward. Families will not be able to make online change once information is entered.
- Students are asked to review all scheduling information with their families prior to the day of scheduling. Parents are encouraged to contact their student's guidance counselor and or subject teacher for course recommendations.
- It is essential that students bring with them their username and passwords to the media center. Usernames and password must not be shared with other students.

Advanced Placement (AP) Program

Advanced Placement courses for the next school year will be offered in the following areas at Crestwood Secondary Campus:

- Calculus
- French
- Spanish
- English Literature
- US History
- Physics I/II

Advanced Placement (AP) courses offer our students the opportunity to do college level work at Crestwood. They are available to qualified, academically oriented students. Upon completion of the AP course, the student may take the nationally-administered examination in May. Depending on performance on the examination, the student may receive college credit for each examination he takes. Due to the “No Drop” policy, students who enroll in AP courses will not be able to withdraw from the course. A letter will be distributed to AP students stating the “No Drop” policy. The student and parent must sign the letter and return it to the Guidance Department in order to be enrolled in the course.

Admissions Procedure for AP Courses

Admission to the Advanced Placement courses requires meeting several criteria. These criteria include the following (unless otherwise SPECIFICALLY detailed in the AP course description for each AP course).

1. A commitment to academic achievement.
2. A grade point average of 3.4 or better.
3. An understanding and acceptance of the time the courses involve, both in terms of study time and homework.
4. Teacher and counselor-written recommendations to the Principal.
5. In some cases, a teacher interview.
6. Performance on academic achievement tests.
7. Parental approval and support.
8. Parental permission letter regarding “No Drop” policy must be returned.

As many indicators of academic performance as possible are used. Yet, no single item is ever the sole criterion for selecting the AP student. Basically three (3) questions will be considered:

1. Does the student have sufficient general ability?
2. Does the student have adequate academic preparation?
3. Does the student have sufficient motivation and maturity?

The policy at Crestwood Secondary Campus will be to strive to accommodate as many students as possible. There are; however, limits to the numbers that may be admitted. By their nature, Advanced Placement classes need to be limited. When selections are made, preference will be given to those students who have demonstrated the greatest academic achievement in previous years. If a student has a low Grade Point Average, but expresses a strong desire to begin pursuing academics seriously, that element of his/her desire will be given most serious consideration.

Statements Regarding Advanced Placement Courses

Attendance:

At Crestwood, it is felt that there is no substitute for class time. Therefore, students enrolled in AP courses will follow the school attendance policy with the following addition:

It is required that all school-excused absences be made up in time and work at the discretion of the teacher. If a student has more than four (4) school-excused absences per marking period, a counseling session with parent, student, and teacher may be held.

Parents should schedule doctor and dentist appointments and other non-emergency absences so that they will not conflict with AP classes.

Weighted Value:

For class rank purposes, each Advanced Placement course will be assigned a weighted value of 1.35.

Important scheduling information to consider in the decision-making process...

1. Study the descriptions of subjects offered and pay special attention to prerequisites for certain courses.
2. Crestwood Secondary Campus operates on an eight period instructional day. The school schedule revolves on a six (6) day cycle. Please note under course description the number of times a course shall meet during the six-day cycle. (For example: 9th grade English meets (6/6) – every day of the cycle).
3. All students will be scheduled in a Comet Time period designed to support, reinforce, or expand learning opportunities.
4. Learn the requirements for entrance to the college or school (business, technical or nursing) you plan to attend and for entrance to the kind of work you plan to do after leaving high school.
5. Each student must schedule a minimum of five (5) major subjects and physical education. In addition, ninth grade students must schedule Health.
6. Consult your parents, counselors and teachers for the help you may need in selecting courses. Teachers' approval is required for mathematics, science and foreign language.
7. Have your parents or guardians review and approve your final subject selection.
8. Some subjects, although offered at this time, may have to be eliminated from the schedule because of limitations of personnel, facilities, or the number of students enrolling in the course. Should a subject be canceled, the schedule will be adjusted accordingly.
9. **STUDENT SCHEDULES WILL BE CHANGED ONLY IF THERE WAS A COMPUTER/CLERICAL ERROR IN SCHEDULING OR IF AN EMERGENCY OCCURS.** The administration, guidance department and the entire faculty are at your service to help you with any questions that you may have. Please take advantage of this offer.

Promotion

1. Each student must complete four (4) major subjects in a school year to be promoted to the next grade.
2. A student can make up failures by successfully completing subjects taken in an approved summer school.
3. Private tutoring to make up failures must have prior approval of the campus Principal.
4. The principal may certify promotion in grades nine through eleven under certain conditions after consultation with the teachers involved and the Guidance Department.

Crestwood School District Graduation Requirements

Crestwood School District will award a diploma for successful completion of twenty-three (23) credits in grades 9, 10, 11 and 12.

In general, courses are designed to meet the needs of those students preparing for post-secondary transition after graduation.

Credits should include:

1. Four credits in English: English I, II, and III, and one English elective in grade 12.
2. Four credits in Social Studies: World Cultures I and II, American Cultures, and a social studies elective in grade 12.
3. Three credits in Mathematics: Algebra I and II, Geometry and one academic math elective in grade 12. Students who begin Algebra I in grade 8 will have two (2) academic math electives, one in grade 11, and one in grade 12.
4. Three credits in Science: Physical Science, Biology, Chemistry I or Environmental Science, and one science elective in grade 12.
5. Two credits in World Language in grades 9-12 are encouraged.
6. Two credits in Arts and Humanities.
7. Two elective credits from any subject area.
8. One credit in Health and Physical Education. (.25 credits per year)
9. Students must schedule five subjects and pass four in grade 12 to graduate.

Career & Technical - WBACTC

Students enrolled at the W-B Area Career & Technical Center in grades 10-12 will earn 23 credits due to mathematics and arts/humanities credits incorporated in the Vocational-Technical curriculum. Enrollment for all three years in grades 10, 11 and 12 is required to earn full credit. The subject area credits apply with these exceptions:

1. Three credits in Social Studies: World Cultures I and II, and American Cultures.
2. Three credits in Science: Physical Science, Biology, Applied Science Chemistry, and Applied Science Physics.
3. Three credits in Mathematics

Weighted Grade Equivalency

In order to have an equitable class rank system for all students, the Crestwood Board of Education approved a weighted value for certain courses. All major courses except those listed received a value of 1.00.

Course #	Course Name	Weight Value	Credits
001223	French III	1.10	1
001224	French IV	1.20	1
001233	Spanish III	1.10	1
001234	Spanish IV	1.20	1
003122	Geometry Adv	1.10	1
003221	Algebra II-9	1.10	1
003325	Algebra III & Trig	1.10	1
003411	Math Analysis	1.10	1
004210	Chemistry I	1.10	1
005420	Art Practicum	1.10	1
006441	Auto Accounting II	1.10	1
006442	Advance Comp Appl	1.10	1
007327	Pre-Engineering I	1.10	1
007430	Manufacturing IV	1.10	1
007431	Manufacturing V	1.10	1
004110	Biology – 9	1.10	1

Course #	Course Name	Weight Value	Credits
000121	English I Honors	1.10	1
000221	English II Honors	1.10	1
000330	English III Honors	1.10	1
003310	Trig/El Functions	1.20	1
003410	Calculus	1.20	1
004310	Biology II	1.20	1
004311	Chemistry II	1.20	1
004321	Chemistry II Honors	1.20	1
004420	Physics	1.20	1
007427	Pre-Engineering II	1.20	1
000440	English Lit AP	1.35	1
001225	French AP	1.35	1
001235	Spanish AP	1.35	1
002440	U S History AP	1.35	1
003412	Calculus AP	1.35	1
004430	Physics AP I	1.35	1
004440	Physics AP II	1.35	1

Electives

Course #	Course Name	Credits	Course #	Course Name	Credits
0124	Reading/Study Skills	1	5220	Art I	1
0231	Creative Writing/Film	.5	5320	Art II	1
0232	Public Speaking	.5	5420	Art Practicum	1
0310	SAT Test Prep (P-F)	.5	5520	Digital Communication	1
0431	Shakespeare	1	6224	Coding	1
0440	English Lit. & Comp. AP	1	6320	Comp App/Microsoft Office	1
1821	French I	1	6330	Entrepreneurship	1
1122	French II	1	6340	Automated Acct. I	1
1223	French III	1	6441	Automated Acct. II	1
1224	French IV	1	6442	Adv. Computer Application	1
1831	Spanish I	1	6443	Business Law	1
1132	Spanish II	1	6444	Business Law II	1
1233	Spanish III	1	7120	Nutrition & Wellness	1
1234	Spanish IV	1	7131	Nutrition & Wellness II	1
2450	Current Issues	1	7130	Human Development	1
3121	Essential Algebra I	1	7126	Manufacturing I	1
3123	Essential Algebra II	1	7226	Manufacturing II	1
3201	Personal Finance	1	7426	Manufacturing III	1
8328	Music Theory I	1	7430	Manufacturing IV	1
8329	Music Theory II	1	0129	Career Readiness	.25
8330	Music Theory III	1	7127	Integrated Tech. Concept	1
8331	Music Theory IV	1	7327	Pre-Engineering Level I	1
8122	Intermediate Band	1	7427	Pre-Engineering Level II	1
8327	Chorus	1	6335	Sports, Entertainment & Social Media Marketing	1
			9430	Anatomy, Physiology, & Kinesiology	1

Pre-Engineering at Crestwood Secondary Campus

An Overview

The Pre-Engineering Program at Crestwood Secondary Campus is a five-year program that begins with an exploratory component of over twenty-five modules in the technical domains of applied electrical controls, pneumatics, mechanical drive systems, computer-based training systems, applied thermal science, applied mechanisms in addition to the traditional content areas of structural, mechanical and electrical engineering.

Ultimately, the program is designed to promote engineering, engineering-related studies, and emerging technologies.

Instruction places emphasis on teamwork, problem-solving and application of theory through a variety of project-based outcomes. Additionally, the program is unique in that it provides for students an opportunity to enroll in a Penn State Intro to Engineering class during their senior year. This class allows the students to receive 3 college credits during the school day at Crestwood.

Specifically, the Crestwood Secondary Campus the Integrated Technology Concepts curriculum is the foundation our Pre-engineering Lab. From this curriculum our students explore a range of technological theory to promote master project designs.

The Pre-Engineering Program is a four-year program designed for students whose career intent is within the Engineering field. This program is designed to promote engineering in fields such as Advanced Manufacturing, Alternate Energy, and traditional electrical and mechanical engineering.

Content will include electrical and mechanical theory, advanced problem solving, calculator use, pneumatic and hydraulic systems, Programmable Logic Controllers, computer control systems, robotics, automated manufacturing, system design, and materials testing.

Level 1 of the program incorporates a total of seven technology domains that include the following: power and energy, communications, bio-medical, transportation, agri-science, manufacturing and construction. This level of the curriculum is driven by a series of team-based thematic master projects which include but are not limited to; automated mechanical devices, a hovercraft, and Smart House control systems.

Level 2 explores more complex designs that include the competency-based learning of robotics, computer aided design, Internet marketing, advanced AC/ DC electrical systems, video production, graphic design, structural engineering, pneumatics, advanced thermal systems material processes, CNC machines, computer controls, and computer-aided manufacturing.

After success in ITC 1 & ITC 2 students have the educational option to progress toward our Pre-engineering component of the curriculum. Level 1 of the pre-engineering coursework places strong emphasis on electricity/ electronics due to the regional need for a workforce trained in the aforementioned technical competencies. Consequently, students are required to exit this course with the fundamental knowledge and associated skills to advance into certification programs.

Level 2 of the pre-engineering component exposes students to Solid-State fundamentals and Digital Electronics fundamentals. This level of coursework provides students with the opportunity to work with advanced circuitry, the latest solid state technology, digital logic, and digital electronic circuits increasing their knowledge base through discrete and integrated solid-state devices.

Statement on Career & Technical Center Enrollment

Each ninth grade student will be asked to decide whether he or she would like to enroll in vocational education. Most vocational education programs prepare students to obtain entry-level job skills so that they will qualify for a job following graduation. Further training at a post-secondary education institution is also an option. Please take the time to read this important information and to discuss career goals and choices in vocational education opportunities at the Wilkes-Barre Area Vocational Technical School, which may be selected by your son/daughter.

Wilkes-Barre Area Career & Technical Center (WBACTC)

GRADES	COURSE OFFERINGS
10-11-12	Air Conditioning and Refrigeration
10-11-12	Audio Visual Communications
10-11-12	Automotive Body and Fender
10-11-12	Automotive Mechanics I *
10-11-12	Automotive Mechanics II *
10-11-12	Building Trades Maintenance
10-11-12	Business Data Processing *
10-11-12	Carpentry and Millwork
10-11-12	Child Care
10-11-12	Computer Information Technology
10-11-12	Cooperative Education
10-11-12	Cosmetology I
10-11-12	Cosmetology II
10-11-12	Culinary Arts I *
10-11-12	Culinary Arts II *
10-11-12	Diesel and Heavy Equipment
10-11-12	Drafting *
10-11-12	Electricity
10-11-12	Graphic Arts *
10-11-12	Health and Dental Assistant *
10-11-12	Law Enforcement
10-11-12	Machine Shop
10-11-12	Marketing
10-11-12	Masonry
10-11-12	Ornamental Horticulture
10-11-12	Plumbing and Pipe Fitting
10-11-12	Residential Construction
10-11-12	Warehouse Management
10-11-12	Welding

* Tech Prep Approved Course

Course Selection Book Part 2:
Course Descriptions



English

0120 ENGLISH I - (6/6) This course is designed to expand 9th grade students' reading, writing, speaking, and listening skills in order to make them college and career ready. Students will encounter various genres of world literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence-based writing. With a focus on critical thinking and collaboration, students' studies will encompass the skills necessary to be a successful communicator in the 21st century.

(English)

0121 HONORS ENGLISH I - (6/6) This course is designed for 9th grade students who are interested in a more in-depth and challenging English experience. It is designed to expand students' reading, writing, speaking, and listening skills in order to make them college and career ready.

Students will encounter various genres of world literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence-based writing. With a focus on critical thinking and collaboration, students' studies will encompass the skills necessary to be a successful communicator in the 21st century. Honors students will learn to use literary criticism to analyze texts, and learn more about the historical and cultural contexts of their readings. Advanced classes will also complete more readings, including required summer reading with associated assignments.

Requirement: Final grade in English I of B+ or better AND teacher recommendation

0220 ENGLISH II - (6/6) This course is designed for all 10th grade students and builds upon the reading, writing, speaking, and listening skills developed in English I. Students will encounter various genres of world literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence based writing. With a focus on critical thinking and collaboration for college and career readiness, students will continue to develop the skills necessary to be a successful communicator in the 21st century.

(English)

0221 HONORS ENGLISH II - (6/6) This course is designed for 10th grade students who are interested in a more in-depth and challenging English experience. It builds upon the reading, writing, speaking, and listening skills developed in English I. Students will encounter various genres of literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence-based writing. With a focus on critical thinking and collaboration for college and career readiness, students will continue to develop the skills necessary to be a successful communicator in the 21st century. Honors students will learn to use literary criticism to analyze texts, and learn more about the historical and cultural contexts of their readings. Advanced classes will also complete more readings, including required summer reading with associated assignments.

Requirement: Final grade in English I of B+ or better AND teacher recommendation

0320 ENGLISH III - (6/6) This course is designed for all 11th grade students and builds upon the reading, writing, speaking, and listening skills developed in English II. Students will encounter various genres of American literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence-based writing. With a focus on critical thinking and collaboration for college and career readiness, students will continue to develop the skills necessary to be a successful communicator in the 21st century.

(English)

0420 ENGLISH IV - (6/6) This course is designed for all 12th grade students and builds upon the reading, writing, speaking, and listening skills developed in English III. Students will encounter various genres of British literature and several styles of writing, with a particular common core emphasis placed on nonfiction texts as well as evidence-based writing. With a focus on critical thinking and collaboration for college and career readiness, students will continue to develop the skills necessary to be a successful communicator in the 21st century.

(English)

0440 AP ENGLISH LITERATURE AND COMPOSITION - (6/6) This 11th grade course (also available to 12th grade students, if seating capacity allows) is taught on a college level and is intended for the ambitious and serious student. The course is designed so that the student will be able to receive college credit upon completion of the course and the successful completion of the Advanced Placement Exam. Students will learn to engage with imaginative literature through careful reading and critical analysis of representative works from various genres and periods. They will also explore literary elements such as structure, style and themes, as well as the use of figurative language, imagery, symbolism and tone. Students will write to analyze literary works, expressing their ideas through expository, analytical, and argumentative essays.

Criteria

- Recommendation from a high school English teacher
- A cumulative GPA of 3.8 or higher at time of scheduling (maintained to end of current school year)
- An intent to take the College Board's AP Literature and Composition exam
- An understanding that presence in class is fundamental to learning, therefore attendance must be consistent and regular.

0232 PUBLIC SPEAKING - (6/6 - semester) This elective course, open to students in 9th through 12th grades, will emphasize the practical skill of speaking in public, including techniques to lessen speaker anxiety, the use of visual aids to enhance speaker presentations, effective use of voice and of nonverbal communicators, as well as listening, oral reading, and how to engage a modern audience. Credit .5

(English-Humanities-Elective)

Requirement: Successful completion 9th grade English

0310 SAT TEST PREP - (6/6 semester) This course is a one-semester elective for 10th and 11th grade students interested in preparing for the Scholastic Aptitude Test (SAT). The course will emphasize test taking skills, familiarity with the testing format and grading and review of topics relevant to the Math and Reading and Writing test sections. Credit .5
(English-Humanities-Elective)

0431 SHAKESPEARE - (6/6 semester) This 10th through 12th grade elective English course is designed for the student who wants to read, hear, view and criticize a variety of plays by England's most popular and controversial playwright.

5520 DIGITAL COMMUNICATIONS - (6/6) This course is for 10th through 12th grade students interested in learning how to create electronic and paper-based publications, specifically the school newspaper and yearbook. Students will examine article and caption writing, page layouts, and photography and camera techniques as they pertain to the creation and publication of the yearbook and digital school newspaper.

0231 CREATIVE WRITING - (6/6 semester) This course is based on the notion that the fact that writing just a little every day will take away the anxiety of the blank page and make an individual more observant, more in touch with one's creativity, and as a result, happier and more fulfilled. Short (one- to two-page) writing assignments will help students dive into their own discovery process and practice working with the elements of storytelling. This course is suitable for beginning and intermediate writers interested in short stories.

0235 FILM THEORY - (6/6 semester) In this course, 10th through 12th grade students will examine 20th/21st century American history, culture and society through film. The primary texts for this course will be American films. Students will critically analyze how American cultural and social conflicts are portrayed and worked out in popular films. By watching, discussing, and writing about these films, students will examine how motion pictures create a window into modern American society.

5120 ART OF COMMUNICATION - (6/6 quarter) Through this course, 9th grade students will examine themselves as everyday communicators. Topics will include how to effectively interact with others through nonverbal communication, class participation, group discussion, and conversation, as well as how to be a skilled listener.

World Languages

Language and communication are at the heart of the human experience. Learning to communicate in another language is critical to our students' ability to function linguistically and culturally in a global society. The Department of World Languages envisions a future in which all students will develop and maintain proficiency in at least one other language.

1831 SPANISH I - (6/6) This course is available to students in grades 8-12. The course introduces students to the Spanish language and culture. Students develop basic skills in pronunciation and intonation with emphasis on the communication skills of listening, speaking, reading, and writing. Students will learn the basic rules of Spanish grammar in the present tense through stem changing verbs along with basic communication expressions and sentence structure. Additionally, students will discuss the customs, traditions, and geography of Spain and our Spanish-speaking neighbors. (Humanities Elective)

1132 SPANISH II - (6/6) This course is available to students in grades 9-12. The course reviews and expands first year grammar structure and the development of the basic communication skills of listening, speaking, reading, and writing. Vocabulary, sentence structure, and phrases are increased to attain proficiency in the language. The students will learn the past tense—both formation and usage. The understanding and appreciation of Spanish customs, culture, and civilization are stressed throughout the readings.

(Humanities-Elective)

Requirement: Successful completion of Spanish I

Recommendation: Minimum grade of C in Spanish I and 8th or 9th grade Academic English

1233 SPANISH III - (6/6) This course is available in grades 10-12. It seeks to further proficiency in listening, speaking, reading, and writing. Increased emphasis is placed on conversation skills and readings, along with advanced grammar study and vocabulary. Students will learn to differentiate between past tenses (imperfect and preterit) in speech and writing. The subjunctive mood will also be introduced along with command expressions. Further knowledge of Spanish and Latin.

American Culture is covered throughout the text.

(Humanities Elective)

Requirement: successful completion of Spanish II

Recommendation: Minimum grade of C+ in Spanish II

1235 SPANISH AP - (6/6) This course is currently open to grade 12. It is a course for students who plan to further language studies at the collegiate level and/or seek fluency in Spanish. Students will be immersed in the target language, speaking only Spanish while attending class, expanding vocabulary and gaining an in-depth understanding of advanced Spanish grammar. (Students read and discuss short literary works adapted from the classical and modern Spanish writers for an understanding of Spain and Latin America. The general aims of the course are to develop proficiency in understanding Spanish, to further strengthen the ability to carry on a conversation in Spanish, to improve reading skills, and to practice organized composition work in Spanish, along with a review and expansion of advanced grammar.) The course is designed so students will be able to receive college credit and successfully complete the Advanced Placement Exam in Spanish.

(Humanities-Elective)

Requirement: Spanish III, Admissions Policy

Recommendation: Minimum grade of B+ in Spanish III

1821 FRENCH I - (6/6) This course is available to students in grades 8-12. The emphasis in French I is to attain proficiency in the fundamental skills of listening, speaking, reading, and writing. The students begin to think in French and thereby develop confidence in the ability to communicate in the language. The emphasis on the activities and interests of contemporary French youth, coupled with notes on French civilization, provides the students with an initial understanding of French culture.

(Humanities-Elective)

1122 FRENCH II - (6/6) This course is available to students in grades 9-12. In French II, students review essential grammatical points and vocabulary learned in French I and continue the study of fundamental skills with an increased emphasis on speaking and writing. The supplementary reading material exposes students to the geographic, ethnic and cultural variety of the French-speaking world.

(Humanities Elective)

Requirement: French I

Recommendation: Minimum grade of C in French I

1223 FRENCH III - (6/6) This course is available to students in grades 10-12. The main objective of French III is to attain competence in the four language areas: listening, speaking, reading, and writing with special emphasis on speaking and writing. The text allows maximum interaction among students to practice hearing, speaking, and writing French based on tasks related to daily life situations. Students are encouraged to be as creative as possible in expressing their ideas.

(Humanities elective)

Requirement: French II

Recommendation: Minimum grade of C+ in French II

1225 FRENCH AP - (6/6) This course is currently open to grade 12. It is a course for students who plan to further language studies at the collegiate level and/or seek fluency in French. Students will be immersed in the target language, speaking only French while attending class expanding vocabulary and gaining an in-depth understanding of advanced French grammar. (The course uses a thematic approach to stress conversation, the advanced study of grammar, culture, and composition, with emphasis on oral communication. At this advanced level, the basic language skills of listening, speaking, reading and writing will be clarified and refined. Frequent conversations, writing and oral reports are an important part of this course.) The course is designed so that students will be able to receive college credit and successfully complete the Advanced Placement Exam in French.

(Humanities-Elective)

Requirement: French III and Admissions Policy

Recommendation: Minimum grade of B+ in French III

Social Studies

2220 WESTERN CIVILIZATION – This course is offered to 11th grade. It will emphasize the development and impact of Europe on the modern world. The course will emphasize the evolution of ideas and institutions that constitute the Western Tradition. Students will survey the political, economic, and social development of the world beginning in 1450. Students will also examine the impact of the western ideas on non-western nations and the Americas.

2120 US HISTORY I – This course is offered to 9th Grade students, it consists of a survey of the political, social, economic, and cultural events in American History from the Colonial to the Reconstruction Era. This course is designed to the foundations of early American history from the Age of Discovery through the Civil War era. Included in the course will be the examinations of colonial society, the causes and consequences of the American Revolution, the rise of mass democracy, the growing sectionalism that tore the nation apart in 1861 during the American Civil War, and the impact of the American Civil War on the Reconstruction Era. Students will learn to analyze primary sources, draw connections on broad historical themes in American history, and to grow in critical thinking skills.

2320: US HISTORY II – (6/6) This course is offered to 10th and 11th grade, it consists of a survey/study of the political, social, economic, and cultural events in American History from the Spanish American War, to the events of the World War I, to the Great Depression, World events that would lead to World War II, changes in American Culture in the post war period, the events of the Cold War, leading to the Korean and Vietnam Wars, to the space age, and events leading to the new millennium and the present day. Connections will be made throughout the course to present-day events.

2410 SOCIOLOGY/PSYCHOLOGY - (6/6) This 12th grade elective introduces the student to basic concepts in Sociology – the scientific study of social structure, culture, socialization, groups, relationships, family, race, and the inequalities of life. Psychology covers the study of behavior to include the life span, workings of the mind and body, learning processes, personality and the individual.

(Social Studies-Humanities-Elective)

Requirement: American Cultures

2430 ECON/POLITICAL SCIENCE - (6/6) This 12th grade elective consists of two mini-courses:

Economics (spring semester) - Students learn the basic principles of economics. Students will study Microeconomics, where students explore types of businesses, markets, and the different methods of savings and investments. Students will then study Macroeconomics, National Income Accounting, the business cycle, forecasting, and various economic stabilization techniques.

Political Science (fall semester) – This course examines constitutional provisions that guarantee the civil rights of Americans and discusses modern interpretations of constitutional issues. Modern American political issues are also examined with emphasis on recent elections. Party politics, including third parties and dominant political issues, will be surveyed throughout the semester.

(Social Studies-Humanities Elective)

Requirement: American Cultures

2450 CURRENT ISSUES - (6/6) This course is an elective offered to 9th, 10th, 11th, and 12th grade students. It involves the study of current events in the world, nation, state, and local communities. Newspapers and the internet are used to study economic, political, cultural, and social issues of the period.

(Social Studies-Humanities-Elective)

2440 U.S. HISTORY AP – (6/6) This 11th grade course is taught on a college level and is designed for students enthusiastic and serious about United States history. The course is designed so that the student will be able to receive college credit upon completion of the course and the successful completion of the Advanced Placement Exam. The course will develop students' understanding of the United States from 1491 to the present. The course has students investigate the content of U.S. history for significant events, individuals, developments, and processes in nine historical periods, and develop and use the same thinking skills and methods used by historians when studying the past. The course will enhance students' ability to read and analyze American primary source documents and college-level texts. The course also provides seven themes (American and National Identity; Migration and Settlement; Politics and Power; Work, Exchange, and Technology; America in the World; Geography and the Environment; and Culture and Society) that students explore throughout the course in order to make connections among historical developments in different times and places.

Mathematics

3820 ALGEBRA I - (6/6) This course includes fundamental operations with real numbers, classification of numbers, simplifying radicals, solution of equations and inequalities in one and two variables, domain and range, writing and graphing linear equations, solving systems of equations, exponents, data analysis, probability, GCF and LCM of monomials, operations with polynomials, the basics of factoring, and the understanding of an algebraic approach to problem solving.

(Mathematics)

Recommendation: Minimum grade of C in Pre-Algebra

3121 ESSENTIAL ALGEBRA I - (6/6) This course is part one of a four year sequence covering the same concepts and skills found in an Algebra I/Geometry/Algebra II sequence. The basis of this course is to use an accessible approach for the mastery of concepts using a focused presentation of material. This course offers real-life connections to the student, with a gradual increase in level of difficulty. Topics include tools of algebra, modeling relationships with variables, real and rational numbers, solving equations and inequalities, functions, graphing and writing linear equations, and systems of equations.

(Mathematics)

Recommendation: D or E in Pre-Algebra

3125 ESSENTIAL ALGEBRA I/ESSENTIAL ALGEBRA II – (6/6) Part two of the four year sequence offers an accessible approach for mastery of concepts using a focused presentation of material. This course offers a partial emphasis on remaining Algebra I concepts and initial Algebra II concepts. Topics include systems of equations, linear inequalities, exponents, polynomials, radicals, probability, data analysis, systems of linear inequalities, feasible region, and the study of functions, including operations of functions and exponential and radical functions.

(Mathematics)

Recommendation: D in Essential Algebra I or E in Algebra I

3124 ESSENTIAL GEOMETRY - (6/6) Part three of the four-year sequence focuses on the study of plane geometry and coordinate geometry. Topics include points/lines/planes/angles, deductive reasoning, parallelism/perpendicularity, congruent triangles, quadrilaterals, indirect proof and proof by contradiction, similar polygons, right triangles, circles and area/perimeter/volume/surface area. An approach with practical applications is stressed.

(Mathematics)

Recommendation: Minimum grade of D in Essential Algebra I/II

3123 ESSENTIAL ALGEBRA II - (6/6) Part four of the four-year sequence emphasizes the study of factoring, linear systems of equations and inequalities, feasible regions, quadratic, exponential, rational, irrational, logarithmic and polynomial expressions, equation inequalities and functions, complex numbers, arithmetic and geometric sequences, data analysis and statistical graphs, and linear programming. A real-life based approach is emphasized.

(Mathematics)

Recommendation: Minimum grade of D in Essential Geometry or E in Geometry

3120 GEOMETRY - (6/6) This 11th grade course is designed to relate mathematics to the environment of the student. Deductive and inductive reasoning will be used to formalize knowledge of angles, parallel and perpendicular lines, properties of polygons and circles, similarity and congruence, area and perimeter of plane figures, and volume and surface area of solid figures. Proofs by contradiction, loci, constructions, and coordinate geometry will also be emphasized.
(Mathematics)

Recommendation: Minimum grade of C in Algebra I or B+ or better in Essen Algebra I/Essen Algebra II

3122 GEOMETRY ADV - (6/6) This 10th grade course is recommended for the student in the accelerated math sequence. In addition to the topics of geometry 3120, consideration will be given to non-Euclidean geometries, analytic geometry, coordinate geometry and proofs using coordinate geometry.

(Mathematics)

Recommendation: Minimum grade of C+ in Algebra II/9 and teacher approval

3201 Personal Finance – (6/6) Personal finance is a mathematics course that is designed to help students acquire essential skills and knowledge to make informed decisions about real world financial situations and to also help students decide future career choices.

(Mathematics – Elective – 1 credit)

Recommendation: Students must have successfully completed 2 math courses at Crestwood.

3220 ALGEBRA II - (6/6) This course provides an in-depth treatment of Algebra I concepts and expands to include linear expressions and equations, variation, exponents and radicals, relations and functions, irrational and quadratic equations, exponential functions, logarithmic functions, irrational and quadratic functions, polynomials, rational expressions, rational functions, rational inequalities, complex numbers, arithmetic and geometric sequences, linear programming and statistical graphs.

(Mathematics-Elective)

Recommendation: Minimum grade of C in Algebra I and D in Geometry

3221 ALGEBRA II/9 - (6/6) This course provides an in-depth treatment of Algebra I concepts and expands to include linear expressions and equations in two variables, properties of equality, proportions, operations, systems of equations, solving inequalities, relations and functions, linear programming, irrational and quadratic equations and functions, radical expressions and functions, exponential and logarithmic expressions and functions, rational functions, complex numbers, polynomials, probability, equations of circles, arithmetic and geometric series and sequences, and data analysis including statistical graphs and standard deviation. This fast paced course is designed for students with a strong background in Algebra I.

(Mathematics-Elective)

Recommendation: Minimum grade of C+ in Algebra I/8 and teacher approval

3310 TRIGONOMETRY & ELEMENTARY FUNCTIONS - (6/6) Trigonometry is ideally suited for students who are interested in continuing their study of math. Topics covered are extremely useful in calculus and vector analysis. Emphasis is placed on circular functions, periodic functions, and complex numbers. Students who do not intend to major in math will find concepts in this course useful in physics and engineering. Elementary Functions deals mainly with the topic of polynomial, logarithmic, exponential, and circular functions. This course is especially useful for students expecting to continue the study of mathematics, engineering, physics, computer programming, or other scientific fields. This course is recommended for students in the accelerated math sequence. (Mathematics-Elective) Recommendation: Minimum grade of C+ in Algebra II/9 and advanced geometry and teacher approval.

3325 ALGEBRA III AND TRIGONOMETRY - (6/6) Algebra III is an extension of Algebra II. Topics include factoring, major rules of algebra, quadratic equations and functions with applications, polynomial equations and functions, radical equations and functions, rational expressions, equations and functions, exponential and logarithmic equations and functions, absolute value equations, exponential growth, graphing of all types of functions, complex fractions, multiplication and division of rational expansions, powers of sums, abstract fractional equations and unit multipliers. A full semester of trigonometry from a practical and applied approach will include circular functions and periodic functions.

(Mathematics-Elective)

Recommendation: Minimum grade of C in Algebra II

3420 PROBABILITY AND STATISTICS - (6/6) Open 12th grade students, Probability and Statistics is the study of purely chance phenomena predicting what will happen under circumstances that include both known and measurable elements and chance. Statistics is the science or art of collecting and analyzing data and making inferences from the data. Probability and Statistics together are involved in single games of chance, matching pennies, throwing dice, drawing cards, and problems in such various fields as physical science, social sciences, industry and insurance.

(Mathematics-Elective)

Recommendation: Minimum grade of D in Algebra I, Algebra II and Geometry

3411 MATH ANALYSIS - (6/6) This course provides 12th grade students with a basic background necessary for advanced math courses in college. Considerable emphasis is placed on circular functions and trigonometry, which includes right triangle trigonometry, law of sines and cosines, the unit circle, half-angle, double-angle, sum and difference formulas, identities, solving and graphing trigonometry equations. Calculus topics such as limits, limits at infinity, continuity and discontinuity, and differentiation and implicit differentiation with applications will be emphasized.

(Mathematics-Elective)

Recommendation: Minimum grade of C+ in Geometry and Algebra II

3410 CALCULUS - (6/6) This 12th grade course provides an excellent sample of collegiate mathematics integrating all high school mathematics subjects - Algebra II, trigonometry, and elementary functions. For the student who are interested in mathematical or scientific studies this course provides a running start. Topics include functions, derivatives, integration, limits, continuity, differentials, logarithms, and exponentials.

(Mathematics-Elective)

Recommendation: Minimum grade of D in Trigonometry & Elementary Functions or Math Analysis or dept. permission

3412 CALCULUS AP - (6/6) This 12th grade course is taught on a college level and is intended for the ambitious and serious student. The course is designed with the intent of providing college credit upon completion of the Calculus AP course and the successful completion of the Advanced Placement Exam. Topics include limits, continuity, derivatives, integration, differentials, logarithms, exponentials, slope fields, and applications of each. The use of a graphing calculator is considered an integral part of the Calculus AP course.

(Mathematics-Elective)

Recommendation: Admissions Policy

0310 TEST PREP - (6/6 semester) This course is a one semester elective for 10th and 11th grade students interested in preparing for the College Board entrance exam. The course will emphasize test taking skills, familiarity with the testing format and grading and review of relevant topics in Math and English. Credit .5

(Mathematics-Elective)

Science

4120 PHYSICAL SCIENCE - (6/6) Modern Physical Science is presented in 9th grade. Its purpose is to provide an understanding of the basic concepts in chemistry and physics and to develop literacy in science. Lectures, group laboratory work, student-teacher demonstrations, and related outside reading and project work are utilized throughout the program to achieve these objectives and to help relate science to the experiences of the learner.

4110 BIOLOGY I - (7/6) Modern concepts in biology are presented in 10th grade. These concepts lead to an understanding of cellular biology, biochemistry, microbiology, genetics, zoology, and evolution through individual and group laboratory investigations, discussions, lectures, demonstrations, and related outside reading and project work. Scientific skills are developed as is the ability to solve problems, interpret data, and employ critical reasoning.

(Science)

4210 CHEMISTRY I - (7/6) A modern chemistry course is presented to 10th, 11th, and 12th grade academic students. The purpose is to present the basic principles of chemistry and to provide an adequate background for further scientific study. Independent critical and analytical thinking and problem-solving skills are provided through a correlated laboratory program, lectures, discussions, and demonstrations.

(Science)

Requirement: 10th grade students need to have completed Algebra II-9. 11th and 12th grade students must have completed Essential Algebra II or be concurrently enrolled in Algebra II.

Recommendation: Minimum grade of C+ in the required courses.

4310 BIOLOGY II - (7/6) This course is designed as an advanced biology course for students who have previously completed Biology and Chemistry. This course differs from other biology courses in the amount and depth of material covered and the rate at which it is covered. Besides elaborating on topics mentioned in first year Biology, new areas that include embryology, plant and animal anatomy/physiology, and ethnology are covered. The course accomplishes its objectives through laboratory investigations, statistical evaluation of data, and classroom discussions. This course is recommended for students entering the health field.

(Science-Elective)

Requirement: Biology and Chemistry I

Recommendation: Minimum grade of C+ in Biology and Chemistry I

4311 CHEMISTRY II - (7/6) Grades 11 and 12 - Chemistry II is an elective course designed for serious science students who have attained a C+ in Biology, Chemistry, Algebra, and Geometry. Topics studied include kinetics, equilibrium, organic chemistry, nuclear chemistry, analytical thinking, problem solving, research, labs, and demonstrations.

Requirement: Biology, Chemistry I, Algebra I & II, and Geometry

Recommendation: Minimum grade of C+ in Biology, Chemistry I, Algebra I & II, and Geometry

4340 ENVIRONMENTAL SCIENCE – (6/6) Grades 10 through 12 – Environmental Science is composed of five major units: General Ecology, Population Ecology, Energy, Pollution, and Global Climate Change. In addition, the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world will be investigated through field trips, lab experiments, and on-campus outdoor activities. Environmental science is interdisciplinary; it embraces a wide variety of topics from different areas of study.

(Science-Elective)

Requirement: Biology

4322 PRACTICAL SCIENCE PHYSICS - (3/6) This course is designed for 11th and 12th grade vocational students with a minimum use of mathematics. Emphasis is placed on practical aspects and group laboratory experiments. Credit .5

(Science-Elective)

4323 PRACTICAL SCIENCE CHEMISTRY - (3/6) This course is designed for 11th and 12th vocational students with a minimum use of mathematics. Emphasis is placed on practical aspects and group laboratory experiments. Credit .5

(Science-Elective)

4420 PHYSICS - (7/6) This course is recommended for 12th grade academic students. It provides a systematic introduction to the main principles of physics and emphasizes the development of problem-solving ability through both individual work and group laboratory experiences. It is important that students have successfully completed Trigonometry & Elementary Functions or be concurrently enrolled in Math Analysis or Algebra III and Trigonometry.

(Science Elective)

Requirement: successful completion of Algebra I, Algebra II, Geometry, and Chemistry I Recommendation Minimum grade of C+ in Algebra I, Algebra II, Geometry, and Chemistry I.

4120 PATHWAY SCIENCE – (6/6) This course was designed to offer freshmen a sampling of multiple disciplines in the science field. It is divided into four areas and students will rotate each quarter. Students will complete an introduction to Biology, Chemistry, Physics, and Environmental Science. The purpose of each subject area is to expose students to basic scientific content and skills related to these four disciplines. In addition, nontraditional science careers will be discovered through activities, lab experiments, and hands-on learning.

Business Education

0129 CAREER READINESS - (6/6) This 45 day course is designed for 9th grade students with the purpose of developing knowledge and skills in job seeking and career options by integrating individual interests. Emphasis will also be placed on basic computer skills and keyboarding to aid in the creation and editing of career readiness documentation. Credit .25

6224 CODING – (6/6) This course is designed for 10th, 11th, and 12th grade students who wish to learn fundamentals of coding. Students will create Web design projects using basic HTML, and be exposed to other programming languages. Students may be required to do research using the internet and other means. Credit 1

*Please note this course was previously named Web Design and students who have completed Web Design cannot enroll in this course.

(Elective)

6330 ENTREPRENEURSHIP WITH BUSINESS CONCEPTS – (6/6): This course is designed for 10th, 11th, and 12th grade students who would like to learn the fundamentals of organizing and starting a small business. Content covered includes but is not limited to: the challenges of entrepreneurship, strategic planning, building a business plan, forms of ownership, financial planning, marketing, pricing, ethical/legal concerns and the regulatory environment.

6320 COMPUTER APPLICATIONS/MICROSOFT OFFICE - (6/6) Grades 10-12 This course is designed for 10th, 11th and 12th grade students who would like to learn the intermediate features of Microsoft Word and the basics of Excel, PowerPoint and Publisher. Students in this class will also be using the internet to transmit information.

(Elective)

6442 ADVANCED COMPUTER APPLICATIONS/MICROSOFT OFFICE - (6/6) This course is designed for 10th, 11th and 12th grade students who would like to learn advanced features of Microsoft Word, Excel, Access and PowerPoint.

(Elective)

Requirement: Computer Applications/Microsoft Office

6340 AUTOMATED ACCOUNTING I - (6/6) This course is designed for 10th, 11th and 12th grade students who would like to learn the fundamentals of bookkeeping and accounting. Students will learn to understand business activities and procedures, keep journals and ledgers, and prepare, interpret, and analyze financial statements both in a manual and automated manner.

(Elective)

6441 AUTOMATED ACCOUNTING II - (6/6) This 11th and 12th grade course is designed for students who would like to learn fundamentals of ledgers, journals, work sheets, and financial papers on the merchandising level of business for single proprietor, partnership, and corporation.

(Elective)

Requirement: Automated Accounting I

6443 BUSINESS LAW- (6/6)- This course is designed to introduce 10th, 11th and 12th grade students to the study of law through a brief look at ethics and the law, civil and criminal law, and the court system. Additional topics include contracts, legal careers, writing checks, marriage, divorce and its legal consequences, borrowing money and buying on credit, loans, saving money, owning a vehicle, buying a home, insurance protection, and wills.

Credit 1.0 (Elective)

6444 YES I (Your Employability Skills) - (6/6 semester) This course is designed to develop knowledge and skills in job seeking and career options by integrating individual interests and fostering productive community partnerships. The framework will be based upon academic, career, and personal/social domains.

(Elective)

Credit .5

6445 YES II (Your Employability Skills) - (6/6) This course is designed for 12th grade students who wish to become YES certified. . The program is designed to bridge the worlds of education and work by developing and enhancing students' basic job skills that managers in all businesses and industries require. The course curriculum consists of 36 modules that are meant to give students the "real life" knowledge they can apply both on and off the job. In addition, the Y.E.S. Northeast curriculum closely aligns with the new Chapter 4 Academic Standards for Career Education and Work. The program helps students develop the fundamental skills employers require to maintain a well-trained workforce. It addresses the following key employability topics: teamwork, entrepreneurship, career path, cover letter and resume writing, interviewing skills, applying to college, scholarship search, and an electronic portfolio. Students will be required to attend four field trips, meet an attendance requirement and take a literacy test, math test, aptitude test, and drug test to be eligible for the YES certificate. Each YES graduate receives a \$1,000 college scholarship to Penn State (Hazleton or Schuylkill).

(Elective)

6335 SPORTS, ENTERTAINMENT & SOCIAL MEDIA MARKETING – (6/6) This full year course will be broken down into two parts:

Sports and Entertainment Marketing

This part of the course covers fundamental concepts in sports, entertainment, and recreation marketing. It also covers essential skills related to advertising, sponsorship, and marketing campaigns. In addition, the course covers crucial workplace skills, such as teamwork and leadership skills.

Social Media Marketing

This part of the course will lead you to an understanding of principles of social media marketing. You will learn how marketers conduct research, make decisions, and strategize to help sell goods and services using social media platforms and other digital tools. You will also be challenged to think like a marketer as you consider financial, strategic, and communication components to compile a social media plan.

(elective)

Practical Arts

5220 ART I - (6/6) Grades 10-12 – An introductory course which exposes students to the following media: pencil, charcoal, colored pencil, pen and ink, marker, pastel (oil and chalk), watercolor paint, acrylic paint, and clay. Students will learn to draw from direct observation. Students are required to keep a sketch diary as homework, and it is checked every two weeks.

(Arts-Elective)

5320 ART II - (6/6) Grades 10-12 – This course takes the media introduced in Art I: pencil, charcoal, colored pencil, pen and ink, marker, pastel, watercolor paint, acrylic paint, papier mache, and clay a step further with more involved projects which include: self-portrait, architectural rendering, still life, gesture drawing, slab construction and throwing on the wheel. Students will be required to do more concept work before starting their projects. Students are required to keep a sketch diary as homework which includes writing.

(Arts-Elective)

Requirement: Art I.

Recommended grade of C+ or higher in Art I

5420 ART Practicum - (6/6) Grades 11-12 – This course is for the student considering a major in art. Emphasis is placed on portfolio-quality assignments. Projects are involved and complex with a strong emphasis on conceptual work, life drawing and sketchbooks. Students are required to keep a sketch diary as homework which includes writing.

(Arts-Elective)

Requirement: Art II. Recommended: A grade of B or higher in Art II

7120 NUTRITION & WELLNESS I – (6/6) Grades 10-12 - This course will offer students practical means of making nutritional, healthy foods and provide them with basic cooking skills for everyday living. Units include the study of food production & processing, nutrition, lifespan nutritional differences, nutrition affecting health & wellness. Cooking labs are approximately once a week with academic work and demonstrations in between them. Students will also explore a wide variety of food preparation techniques, meal service, and kitchen design concepts. Credit 1.0

(Arts-Elective)

7131 NUTRITION & WELLNESS II – (6/6) This course continues the study by students in understanding the role of nutrition in health and wellness. Demonstrations, hands-on food labs, guided instruction and cooperative learning are used throughout the course. Students will be given the opportunity to demonstrate the necessary skills to plan, purchase and prepare nourishing meals and to evaluate and improve their day-to-day food choices. Students will explore the science behind many food preparation principles, the food production industry, and the structure and function of all of the essential nutrients. Students will also study current and emerging food trends and global nutrition concerns. Credit 1.0

(Arts-Elective)

Prerequisite: Nutrition and Wellness 1

7126 BASIC WOOD SHOP - (6/6) This course is open to 10th through 12th grade students. It covers the use of hand tools and introduces power tools. Students will design and manufacture their own scroll saw and band saw projects. Students will spend several weeks exploring woodworking processes and how to SAFELY operate machinery. Students will construct individual projects.
(Arts-Elective)

7226 WOOD SHOP II - (6/6) This course is open to 10-12 grade students and is designed to further instruct in the field of woodworking. Students will construct advanced wood projects with the use of the table saw, dado saw, and lathe.

(Arts-Elective)

Required: Basic Wood Shop

Recommendation: Minimum Grade of C in Wood I

7426 WOODSHOP III - (6/6) Grades 10-12 - This course helps the student understand furniture construction and design. Problem solving and research will be two areas of focus in this course.

Requirement: Basic Wood Shop, Wood Shop II

Recommended: Minimum grade of B in Basic Wood Shop or Wood Shop II

(Arts-Elective)

7430 ADVANCED WOOD - (6/6) Grades 11-12 – This course will have the students construct a complex woodworking project. The materials and equipment used will be an extension of those used at the Woodshop III level. Students should be prepared to explore advanced procedures throughout the year.

(Arts-Elective)

Required: Basic, Wood I, Wood II, Wood III and teacher recommendation

Students interested in taking ITC classes should have an interest in pursuing a technology career. The subject areas are taught with very in-depth theory and problem solving techniques.

7127 INTEGRATED TECHNOLOGY CONCEPT LEVEL I - (6/6) ITC1 is an introduction to the pre-engineering program. Students will explore technological theory to promote master project designs. This course is a hands-on, project-based technology program, which incorporates all seven technology sectors: Power & Energy, Communication, Bio-Medical, Transportation, Agra-science, Manufacturing and Construction. Integrated Technology Concept Level I is a program driven by a series of team-based thematic master projects which include: solar-powered fuel cell, hovercraft, automatic-controlled hydroponic garden, ergonomic workstation, automated can crusher and Smart House control systems.

7227 INTEGRATED TECHNOLOGY CONCEPT LEVEL II - (6/6) ITC2 is an advanced technology program that prepares students for the pre-engineering program. ITC2 explores technological units in robotics 2, computer aided design, Internet marketing, AC/DC electrical systems 2, video production, graphic design, structural engineering, pneumatics, thermal systems 2, material processes 2, CNC machines 2, computer controls, and computer-aided manufacturing. Team-based thematic master projects include: Bridge Design, CO2 Car, Electrical Titan Tank and Catapults

Requirement: Integrated Technology Concepts I

Recommended: Minimum grade of B in Integrated Technology Concepts I

7327 PRE-ENGINEERING LEVEL I - (6/6) This course is an introduction to electricity/electronics. Students will cover a broad introduction to electrical AC & DC circuits to give the students the fundamental knowledge and skills needed to advance into many technical certification programs. Students learn basic concepts of electricity and gain experience building a wide variety of circuits. The electrical theory, hands-on experiments, and quality equipment of this course will provide students with the necessary tools to successfully meet their educational objectives. This comprehensive course is designed to give the student a thorough understanding of this advanced subject matter. The practical application of concepts is provided through hands-on circuit building, so students learn by doing.

Requirement: Integrated Technology Concept Level II

Recommended: Minimum grade of B in Integrated Technology Concepts Level II

7427 PRE-ENGINEERING LEVEL II - (6/6) This course is an advanced electrical program consisting of Solid-State Fundamentals and Digital Electronics Fundamentals. This course provides an introduction to electronic circuits that employ the latest solid-state technology, digital logic and digital electronic circuits. Students gain an understanding of basic principles, as well as knowledge of the real-world systems to which they apply. They learn by doing, and gain knowledge of both discrete and integrated types of solid-state devices.

Students will find digital circuits in the home, automobile, industry, and other applications. The use of modern digital techniques is limited only by the imagination. The comprehensive theory, coupled with hands-on experiments, and quality equipment provides students with the opportunity to expand their skills and knowledge of digital electronics. The electrical components provide the students with the necessary components to successfully meet their educational objectives.

Requirement: Pre-engineering Level I and teacher recommendation

Recommended: Minimum grade of B in Pre-engineering I

8121 INTRODUCTION TO MUSIC - (6/6 quarter course) This 9th grade music course provides understanding of the periods and elements of music which leads to a lifetime appreciation of music and the arts. Cultural perspective on music and dance will also be explored. Credit .25

(Arts-Elective)

8327 CHORUS - (6/6) This course is a year-long course, open to grades 9-12, that explores choral music from a variety of cultures and time periods through study and performance. The core curriculum emphasizes the basics of vocal technique, sight-reading, interval training and various musical styles.

8328 MUSIC THEORY I - (6/6) This course is a year-long course open to grades 10-12. A prerequisite for Music Theory is a prior knowledge in musical notation and the ability to read music. Music Theory 1 focuses on scales, intervals, chords, rhythmic dictation and basic keyboarding through study and performance.

8329 MUSIC THEORY II - (6/6) This course is a year-long course open to grades 10-12. Students must have already taken Music Theory 1 or be able to pass a pre-test. This course acquaints the serious music student with a working knowledge of the essentials of scale construction, chord make-up, harmonization of a given melody and general background in writing music, sight singing and keyboarding.

8330 MUSIC FUNDAMENTALS - (6/6) This 9th grade course is year-long which introduces students to the rudiments of Western Music through oral, aural and written practice utilizing rhythm, melody and musical notation. Individual skills are addressed through a variety of means, emphasizing keyboard, guitar and singing.

7130 HUMAN DEVELOPMENT - (6/6) This class is offered to students grade 10-12. The first semester focuses on Human Development from conception to late teens. The second semester focuses on development into adulthood (life skills) to end of life. This is a class that is a mix of lecture/notes and hands on activities/projects.

(elective)

Health & Physical Education

9224 - HEALTH – (2/6) The emphasis of 9th grade health is the future well-being of the student. Included in this course are units on mental health, drugs, alcohol, and tobacco, human sexuality, and AIDS education. A review of anatomy and physiology are included in this course. Credit .2
(Health)

9122-9422 - PHYSICAL EDUCATION – (2/6) Physical Education is a state requirement for all grades, 9 through 12. The program is designed to provide instruction through a wide variety of activities that require many different skills. Lifetime or individual sports are also introduced to the students in order to provide knowledge and skills that may be applied to future leisure time. Credit .2
(Physical Education)

9425 – PHYSICAL EDUCATION ADVANCED – (2/6) This course is for students who are interested in improving their personal fitness. This program has been designed with total conditioning in mind. Topics include strength training, cardiovascular endurance, flexibility, body composition, agility, balance, speed and other related aspects of personal fitness. Through the course, students will gain knowledge and skills needed to develop lifelong pattern of physical activity. Evaluation is based upon a demonstration of knowledge through written assignments, teacher prepared tests, completion of various physical activities, and execution of a personal fitness program. Credit .2
(Physical Education)

9430 - ANATOMY, PHYSIOLOGY & KINESIOLOGY – (2/6) This course provides students the opportunity to gain advanced knowledge of health, safety, and physical education as interrelated to anatomy, physiology, and kinesiology. All material covered will follow the Pennsylvania State Standards for Health, Safety, and Physical Education. Students will identify structure, function, mechanical principles of movement, and other correlated topics of body systems in terms of physical fitness, sport participation, wellness, health, injury prevention/treatment. Credit.2

ADAPTIVE PHYSICAL EDUCATION - Adaptive Physical Education is an individually tailored program of exercises and activities based on the diagnosis and recommendations of a physician. Credit .2
(Elective)

Gifted Enrichment

5150-5450 GIFTED ENRICHMENT- (3/6) The Gifted enrichment program allows students to develop to their maximum potential. Opportunities in creative problem solving, independent study, research skills, leadership qualities, intellectual initiative, critical thinking, and responsibilities are afforded the student through various individual and group activities. Students will be considered for admission into the program after meeting screening and identification criteria.

Requirement: See Guidance Department for details