

PROGRAM OF STUDIES



VERNON TOWNSHIP HIGH SCHOOL

2016-2017

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INTRODUCTION

The staff at Vernon Township High School strives to provide an educational environment that provides learning experiences which enable each student to reach his or her potential. It is our belief that academic excellence is within the reach of all students. Of equal importance is our concern for each student's personal growth and social responsibility. We are committed to providing a positive environment in which staff, students, parents and the community at large can work together to encourage decision-making, problem solving and a spirit of service to our neighbors. This collaboration fosters learning and promotes the highest level of student and staff performance. Through the integration of technology, the district seeks to enhance the delivery of instruction and prepare students and staff to compete successfully in an ever-changing world. The program of studies has been developed to provide you and your parents with valuable information regarding graduation requirements, curriculum, course descriptions, and suggestions for developing a four year program based on your future goals and interests. It is recommended that you take advantage of the many and varied course offerings and activities available to you at Vernon Township High School.

It is extremely important that you treat the development of your program for next year with care. Please understand that the high school master schedule is developed based on your course requests at the time of scheduling. The schedule is built on the assumption that your requests have been made after discussions with your parents, teachers, and counselor. The integrity of your requests has implications for staffing, books, supplies, and room assignments. We make every effort to honor those requests. Therefore, upon completion of the open portal scheduling process your schedule will be locked. **Requests for the personalization of schedules based on teacher, class, period, or friend preferences will not be honored.** Requests for level changes may be considered through the first marking period as a result of a parent/teacher/student/counselor/ department supervisor conference. Please make every effort to make your course selections with these thoughts in mind.

21st CENTURY LEARNING EXPECTATIONS

Responsible Citizens observe policies and expectations for behavior. They are able to work cooperatively, collaboratively, and independently as appropriate to a learning task. They take steps to achieve personal, academic, and career goals. They are able to make informed decisions concerning health, diet, and exercise in order to maintain a healthy lifestyle. They participate in their school and community in order to understand and preserve our democratic process, our culture, and our environment. They consider other points of view in order to make ethical decision and to live productively in a diverse society.

Critical Thinkers and Problem Solvers read, comprehend, synthesize, and reflect on content area materials and scholarly resources. They have organizational and study skills with which to accomplish their work. They collect and evaluate data to identify patterns, make inferences, and draw conclusions. They manipulate, combine, and apply formulae. They predict reasonable results using estimation and conceptual knowledge. They develop and test hypotheses, drawing conclusions from experiments, data, and research. They discuss, analyze, and evaluate in light of historical precedent, current events, and civic responsibilities. They observe, analyze, and present ideas, feelings, and beliefs about cultures and societies.

Researchers work with a variety of print resources and technological applications to increase learning. Researchers are able to identify and apply technology to an academic task. They use technology responsibly to obtain, organize, and communicate information and to solve problems. They are able to evaluate the accuracy, usefulness, and appropriateness of information resources

Effective Communicators are able to read, write, and speak English as well as listen to understand, and communicate in another language. They participate in discussions by listening, asking questions, and responding. They design and compose work for a variety of audiences and purposes. They use the vocabulary and symbolic language specific to content areas such as math and music. They use a repertoire of skills and techniques to create and interpret works in a variety of media such as the fine and performing arts, as well as film and other forms of communication.

THE SCHEDULING PROCESS FREQUENTLY ASKED QUESTIONS

Here are some of the most frequently asked questions about our course selection and schedule change process. Please see your school counselor if you need help at any time.

Q. How do we build our master schedule?

A. The master schedule at VTHS is 100% “student-centered,” meaning that it is created solely from student course requests. This process is very different from the way in which a college or university creates its program. In college, you are handed a list of courses, buildings, instructors, etc., and you are required to work out your program based on the needs of the institution. At the high school, we take your requests and build the school’s master schedule in order to meet student needs. As noted earlier, we hire teachers, purchase textbooks, and obtain equipment and supplies in an effort to satisfy the highest percentage of students with their first choice classes.

Q. Is it possible to adjust or change a course in my schedule after school starts in September?

A. Students are required to remain in their selected level of courses for a ten day time period after which they can begin to discuss level changes with their teachers. Elective and/or other class changes are not entertained after the conclusion of the selection process. Level adjustments may be made, however, if the major subject area teacher finds that there is a clear and documented academic necessity for a change. If a change is determined to be appropriate, the class can be changed *only if there is room in the new class section*. For example, if you and your teacher determine that the AP course is too difficult, then you may be moved to the “CP” level, provided there is space in the class. This change, however, may impact the rest of your schedule. Please remember that changes for reasons other than academically-driven level adjustments will not be made, due to the disruption to the overall school program.

Q. When do I have to have my final course selections entered into POWERSCHOOL?

A. You have until **February 24, 2016**, to make any and all changes or adjustments to your course selections.

Q. Should I follow the recommendation of my teacher for course placement?

A. Your teacher knows your academic skills best, and his or her recommendation is usually right on! Please speak to your teachers to help you make the best and most appropriate choices.

Q. If I change my mind and no longer want a course that I selected, can I change it?

A. Until **February 24, 2016**, you can change a course, add, or drop any class. After this time, changes are permitted only based on clear academic needs such as level change and failure to meet pre-requisites. It’s a good idea to research all courses very carefully and consider all of the activities, work, and other demands on your time when your course selections are made. Please work with your counselor and teachers to ensure that you make the best decisions possible for next year and your future.

Q. Can I change the order of my classes if I don’t like the way the final schedule came out?

A. We wish that we could make everyone happy with that “perfect schedule.” We do our best to get everything you need even if it isn’t in the order or with “that teacher” you might prefer. Please understand that the counselor is not able to consider any requests for preferential, lateral or any other type of schedule customization. Convenience changes such as moving a certain class to the beginning or end of the day will not be honored.

Q. Is there any way to drop or change a class AFTER **February 24, 2016**?

A. Yes, if there is a dramatic and documented academic problem you may appeal in writing to the department supervisor using the appropriate form to adjust your program. This is a rare occurrence that is typically teacher-generated based on radical change in student performance. Remember to use the resources available to you during the scheduling season; everyone wants to help you to make good decisions.

Q. When will I get my schedule?

A. The parent Portal is closed down during the summer months. It will re-open on **August 22, 2016**, at which time the schedules will be available.

Q. Can I delete a class if I decide I want a study hall?

A. Too many changes disrupt the school's program; we are unable to accommodate the potentially large number of students leaving or entering classes. Our master schedule is built with care "just for you," so we must ask that you see a class through to its conclusion. Counselors and teachers are always available to help you navigate through potential problems.

Q. Will I get all the classes I requested on my schedule?

A. That is our goal; however, there can be times when schedule conflicts, cancelled or full classes may prevent that. It is important when working with your counselor, teachers, and parents that you prioritize your course requests and be ready to make choices when necessary. In most cases, you will be asked to select an alternative course if a class doesn't run or if there is an irresolvable conflict. The guidance counselors will help you to make another appropriate choice.

Q. If I took a study hall and want an additional class, can I add one?

A. Yes, any time up through the first 10 days of school, provided there is room in the class.

Q. What if I feel "overwhelmed" by the course load I took?

A. Working with your counselor and your teacher, we will work together to help you to become a more effective "time manager" by giving you strategies for success. If there is a documented extreme academic need you may be advised to change a course level. Everyone at VTHS is committed to helping you find a solution to your concern(s). Dropping a class is the last possible alternative after all options have been exhausted. Please research all courses very carefully and consider all of the activities, work, and other demands on your time when your course selections are made.

Q. What if I've tried everything up to and including attending extra help, tutoring, meeting with the teacher and counselor etc., and I am still unsuccessful in a major course, can I drop it?

A. If every possible avenue of intervention has been exhausted and the student is still experiencing difficulties, a schedule change may be honored.

REQUIREMENTS FOR HIGH SCHOOL GRADUATION

Graduation requirements are outlined on the following chart and are subject to change pending policy review by the State Department of Education. Students will need to demonstrate proficiency in the New Jersey Core Curriculum Content Standards.

- Students must meet or exceed Vernon Township High School attendance requirements.
- Satisfactorily complete a minimum of 125 credits (any increase subject to BOE approval).
- Satisfactorily complete the following course requirements as mandated by the state/district.

Graduation Requirements: Starting with the class of 2016

Years Required	Course Description	Credits Needed
4 Years	Physical Education/Health	20 Credits
4 Years	English	20 Credits
3 Years	Mathematics (includes Algebra I & Geometry or content equiv.)	15 Credits
3 Years	Social Studies (includes US I, II and World History)	15 Credits
3 Years	Science (includes Biology, Life Science or content equiv.)	15 Credits
1 Year	World Language	5 Credits
1 Year	Visual/Performing Arts	5 Credits
1 Year	Practical Arts	5 Credits
½ Year	Financial, Economic, Business, & Entrepreneurial Literacy	2.5 Credits
	Additional Credits in Academic/Elective	22.5 Credits
	Minimum Credits	125 Credits

Most lab classes meet six times per week and are valued at six credits. Most subject classes meet five times per week for a full year and are valued at five credits. Semester classes meet five times per week for a half-year and are valued at 2.5 credits.

COMMUNITY SERVICE REQUIREMENTS

Community Service is defined as volunteer services beyond the confines of the traditional classroom that fosters civic responsibility for the benefit of the community. This service is non-paid, non-graded and non-punitive. Through this service, students will develop skills, career awareness, and self-esteem. The intent of the requirement is to encourage students to be active and engaged members of their communities and to address important community issues. Service can unite neighbors, mobilize volunteers and encourage a lifelong ethic of public participation and is best performed in conjunction with a reputable public service organization.

To this end, the new guidelines for what qualifies as community service for the district graduation requirement are as follows:

- No pay may be received for service.
- No credit will be given for extracurricular (co-curricular) activities or for senior service activities.
- No service may be performed during a student's school hours.
- No credit for service will be recorded without a parent or guardian's signature, both for permission and approval.
- No credit for service will be recorded without the student's counselor signature of approval.
- It is highly recommended that service be in conjunction with a reputable public service organization. Suggestions are provided on the verification form.
- No credit will be given for work with a profit-making organization.
- No credit will be given for co-curricular activities, i.e., managing sports teams, ski instructors, lifeguards etc.

Students will be required to complete a minimum of fifty hours of community service before graduation. Counselors will discuss the guidelines, student responsibilities and verify completion of the community service requirement. It is recommended that students begin completing their community service requirement in the ninth grade by completing 10

hours of community service; a tenth grade student 15 hours; an eleventh grade student 15 hours and a twelfth grade student 10 hours.

Parents are required to sign their students' community service forms before the activity begins and upon completion. Students are encouraged to contact organizations/agencies on their own to schedule volunteer hours. Four activities per year will be scheduled by the School Counseling Department in cooperation with the United Way. These activities will take place on weekends and will provide students with opportunities to fulfill their requirements.

ATHLETIC ELIGIBILITY

The NJSIAA establishes the criteria for student/athlete academic eligibility for participation in any athletic program at the high school level. All students who wish to participate in interscholastic athletic programs must have passed 30 credits at the conclusion of the academic year (including summer school) in order to be eligible for fall and winter sports seasons. Each student must be passing 30 or equivalent (6 courses) by the end of the first semester (1st two marking periods) in order to be eligible for the spring season. Any student/athlete who needs clarification of academic eligibility or his/her academic status should see their counselor PRIOR TO signing up for a sport.

CLASS STANDING

A student's class standing is established annually to provide a point of reference for completing the requirements for graduation. A student has freshman status when promoted or assigned to grade 9. Further class standing is achieved through earning a minimum number of credits per grade level.

All other students must accumulate 35 credits to attain sophomore status, 65 credits to attain junior status and 100 credits to attain senior status.

GRADE REPORTING

Quarterly grades will be posted on the Parent Portal at the conclusion of each marking period. Only the final report is mailed home. Students and parents may check grades in progress using the PowerSchool Parent Portal on the web. When doing so, please note that grades in progress may only reflect an average of the grades that have been RECORDED as of that date and time. Only final averages will appear on a student's high school transcript.

INSTRUCTIONAL LEVELS

Meeting the instructional needs of students is a major goal of a comprehensive high school. Realizing that we serve students with varying abilities, our instructional program incorporates several different levels designed to meet the objectives indicated below. Students are encouraged to participate in courses that are compatible with their interests, ambition, and motivation.

Honors and AP	Requires the highest degree of personal motivation and academic commitment. Course content is rigorous and demands are extensive. A summer project is required which is due on the first day of class and graded as a major test.
CP (College Prep)	For the committed student seeking comprehensive academic preparation for higher education.
General	Provides a foundation in academic areas. Enrollment is restricted.
Special Services	Instruction is designed to accommodate student IEPs and to prepare students for independent lives with the ability to function beyond high school. Enrollment is restricted.

GRADE POINT AVERAGE AND CLASS RANK

A student's Grade Point Average (GPA) is calculated by:

- Multiplying the earned grade in a course by one of the following four multipliers:
 - Unweighted Courses 1.00
 - College Preparatory Courses 1.02
 - Honors 1.06
 - AP 1.09
- Multiplying the enhanced grade in each course by the number of credits of the course,
- Adding the totals of all courses, and
- Dividing the final total by the number of credits attempted.

The class rank is then calculated by arranging the individual grade point averages of all students in each grade level from highest to lowest. Numerical average and class rank are calculated prior to the start of each year.

COURSES FOR COLLEGE CREDIT

Vernon Township High School currently offers the following courses for college/university credit for a nominal fee:

Art History AP	- Fairleigh Dickinson University
Art Major AP	- Fairleigh Dickinson University
Economics CP	- Fairleigh Dickinson University
Biology AP	- Fairleigh Dickinson University
Human Biology CP	- Fairleigh Dickinson University
Organic/Biochemistry Honors	- Fairleigh Dickinson University
French IV Honors	- Seton Hall University
French AP	- Seton Hall University
Music Theory II AP	- Seton Hall University
English 12 AP Lit. & Comp.	- Seton Hall University
Psychology CP	- Seton Hall University
Sociology CP	- Seton Hall University
U.S. History AP	- Seton Hall University
Chemistry AP	- Syracuse University
Forensic Science Honors	- Syracuse University
Physics Honors	- Syracuse University
Marketing II	- Sussex County Community College

Before enrolling in a course for credit through Sussex County Community College students must complete an SCCC application and have scored a minimum of 540 and 530 on the Critical Reading and Math sections of the SAT respectively. Students who have not taken the SAT or have not met the minimum score standards must take the ACCUPLACER test to determine readiness for college level courses. Students will need to schedule an appointment to take the test at the SCCC campus.

ONLINE COURSE OPTIONS

Vernon Township High School in collaboration with several ONLINE providers offers students the opportunity to take courses for credit recovery, replacement courses and/or acceleration of their program. All costs associated with taking ONLINE courses are the responsibility of the student and parent. The student's counselor can serve as a liaison between the student and the ONLINE provider. Questions regarding ONLINE courses should be directed to the School Counseling Office.

CAREER AND COLLEGE PLANNING

As student(s) and parent(s) plan a high school program, it is important to keep one's goals in mind. Courses taken in high school most often provide the means to achieving an individual's goal of entering a two-or four-year college, a career school, military service, or full-time employment. Vernon Township High School guidance counselors are ready sources of information on high school programming and planning for colleges and careers. Serving in an advisory capacity, counselors can be helpful to both students and parents when choices must be made. Through counseling, group meetings, Naviance and other online resources both students and parents can learn about admission requirements, types of training, and future opportunities in a variety of fields.

COLLEGE REQUIREMENTS

FOUR-YEAR COLLEGE

Generally, four year state colleges require a minimum of 16 academic units (several have increased that to 18) at the college prep level or higher for admission. Academic units are course offerings from the English, math, social studies, science and world language departments. Many of the more competitive colleges/universities may require more with additional expectations in math, world language and science.

English.....	4 units
Algebra I and II, Geometry.....	3-4 units
Laboratory Science.....	3 units
US and World History	3-4 units
World Languages.....	2-4 units
Academic Related Electives	4 units

Elective units will vary according to a student's interests and/or planned career choice. It is important that students and parents consult individual college websites and/or catalogs as well as college guidebooks to determine academic and elective requirements at colleges of interest. Early and continued program planning by students and parents is strongly recommended, as particular elective areas may have course sequences which require up to four years to complete.

Four year colleges are most likely to consider the following factors in order of importance when determining a student's eligibility for admission.

High School Record - Strength of schedule, grade point average, rank in class

Test Results - Standardized test scores (SAT,ACT)
- Some colleges require SAT-II subject test(s), often for placement purposes

Recommendations - Letters submitted by teachers, counselors, and others assessing a student's performance and character

Involvement - Activities outside the classroom often play an important part in developing leadership, maturity, and discipline. Colleges look for consistency and commitment rather than number of activities and memberships.

COMMUNITY COLLEGE – TRANSFER PROGRAMS

New Jersey community colleges generally have an open admission policy. High school graduation or successful completion of a GED program is required for matriculation. All community colleges will require minimum SAT scores or an Accuplacer test to determine readiness for college level courses. Certain programs such as nursing may have additional requirements. Preparation for success at the community college is essentially the same as preparing for the first two years at a four year institution. College level work is expected.

English	4 units
Math.....	3-4 units
US and World History.....	3 units
Science	3 units
Academic/Career Related Electives	2 units
Career/Major Related Electives	4 units

TWO-YEAR COLLEGE, CAREER SCHOOL, MILITARY SERVICE, FULL-TIME EMPLOYMENT

Although these programs usually require no more than a high school diploma, students entering such programs should have a solid background in written and spoken English, mathematics, and an understanding in applied science and computer applications. Since the objective of these programs is to train skilled workers, the student with a solid academic background has a better chance of being placed in a lucrative and satisfying job. General recommendations:

TESTING

Throughout the school year the School Counseling Department sponsors various tests. The PSAT is administered each fall to sophomores and juniors. The PLAN is also administered to sophomores typically in the spring to assist them in evaluating their readiness to enter two-and/or four-year college programs. The ENGAGE series of academic behavior assessments helps educators enhance student success from middle school to college. EXPLORE prepares students not only for their high school coursework, but for their post-high school choices as well.

The ACT, SAT and SAT-II (Subject Tests) are administered in the fall and spring of each year. These tests measure a student’s verbal and mathematical reasoning ability and the ability to apply that knowledge. The SAT and ACT are used by most four-year colleges as part of their admission/placement process. The Armed Forces Vocational Aptitude Battery (ASVAB) may be administered to interested juniors and seniors to assist them in determining vocational strengths and career alternatives. Juniors and seniors interested in pursuing a military career may also take the ASVAB for placement purposes.

SUSSEX COUNTY TECHNICAL SCHOOL

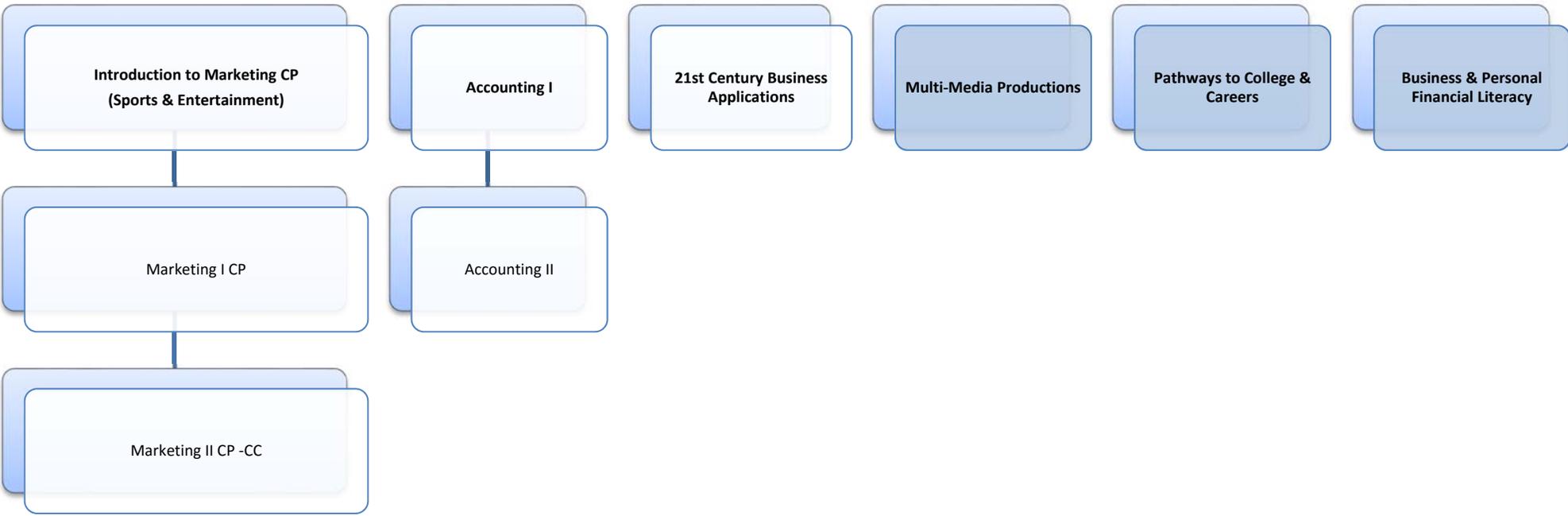
Vernon Township High School recognizes the need for a segment of its student population to obtain a technology oriented education. Vernon Township High School offers introductory level instruction in some of these areas. For the student seeking in-depth instruction in a technical area of study, enrollment in the Sussex County Technical School is a viable option. Students may elect to attend SCTS on a full-time or shared-time basis. **New Jersey graduation requirements have been increased and a four year graduation timeline may not be possible without scheduling some academic courses at Sussex Tech in addition to classes in your major program. Therefore, it is strongly recommended that students consider a full time program at Sussex Tech.**

SAMPLE GRADE 9 SHARE-TIME SCHEDULE

Period 1 – Tech. Shop	<p>Please Note: Students will not have a scheduled lunch and must eat on the bus. In this example there is no room for five academic classes. Master schedule constraints may mean that another academic class may need to be eliminated. There are 21.5 courses that are required for graduation.</p> <p>If only 18 courses are taken at VTHS creating a shared-time schedule to meet all requirements would be a Challenge</p>
Period 2 – Tech. Shop	
Period 3 – Academic (Math??)	
Period 4 – Travel Time	
Period 5 - Lunch	
Period 6 – English	
Period 7 – World History	
Period 8 – Geo Science	
Period 9 – Physical Education/Health	

BUSINESS DEPARTMENT

2016-17 COURSE OFFERINGS



BUSINESS DEPARTMENT

VBUS4041 21st CENTURY BUSINESS APPLICATIONS Full Year 9,10,11,12 5.00 credits

This course is designed for students to learn how to effectively utilize Microsoft Office applications in the 21st Century as it relates to business and their daily lives. Students will learn the basic competencies of each application with an emphasis on software integration skills, formatting, word processing, spreadsheets, databases and graphics. The skills developed in this course will be extremely beneficial to college-bound students regardless of their majors.

V4071 MULTI-MEDIA PRODUCTIONS Semester 9,10,11,12 2.50 credits

Students will learn how to use a variety of multi-media equipment designed to create dynamic presentations and multi-media projects. Projects may include animation, interactive games, albums and brochures. Students will produce movies, documentaries, and editorials using digital movie cameras and equipment.

V4093 BUSINESS & PERSONAL FINANCIAL LITERACY Semester 9,10,11,12 2.50 credits

This course is designed to promote personal and financial responsibility related to financial planning, savings, investment, and charitable giving in the global economy. Students will learn to take responsibility for personal financial decisions, summarize major consumer protection laws, develop a plan for spending and saving and developing a system for keeping and using financial records. Applying consumer skills to purchase decisions including developing a personal financial plan, maintain creditworthiness, borrow at favorable terms, and manage debt. *Graduation Requirement beginning with the Class of 2014.*

4200 ACCOUNTING I Full Year 9,10,11,12 5.00 credits

This is an introduction to accounting, which stresses the fundamental skills required of the accountant in the business world. Content includes accounting for sole-proprietorship, partnership, service and merchandising businesses. A simulation is used to give students practical experience in starting, operating, and closing an accounting cycle for one fiscal period.

VBUS4510 ACCOUNTING II CP Full Year 10,11,12 5.00 credits

Prerequisite: Accounting I

Previous skills learned are further developed with emphasis on new applications of varied phases of accounting. The use of microcomputers and business simulations are used to add a sense of reality and to keep pace with current developments in the field of accounting.

VBUS4503 INTRODUCTION TO MARKETING CP Full Year 10,11,12 5.00 credits
(SPORTS & ENTERTAINMENT)

This course will include the theories, fundamentals and practical applications of marketing. Diversity of the sports and entertainment business, including concerts, conventions, trade shows, exhibits and other events facilitated in such venues, will be examined. Students will explore careers in professional sports and events marketing. In addition, economics and business ethics issues, as well as actual case studies, will be explored. Students will also have the opportunity to participate in DECA, which offers a competitive event in Sports and Entertainment Management Decision Making.

4505 MARKETING I CP **Full Year** **11,12** **5.00 credits**
Prerequisite: Introduction to Marketing CP

Marketing is a comprehensive introduction to topics and practical experience in the following areas: free enterprise system, advertising & media, finance, salesmanship, management & ownership, fashion & merchandising, data systems, and restaurant marketing.

Students will have the opportunity to apply theory through the operation and management of the school store. Text case studies relating to marketing principles will be an integral part of the course. Students are encouraged to participate in DECA which involves: marketing competitions, career field trips and seminars, school-related projects, and business and community involvement.

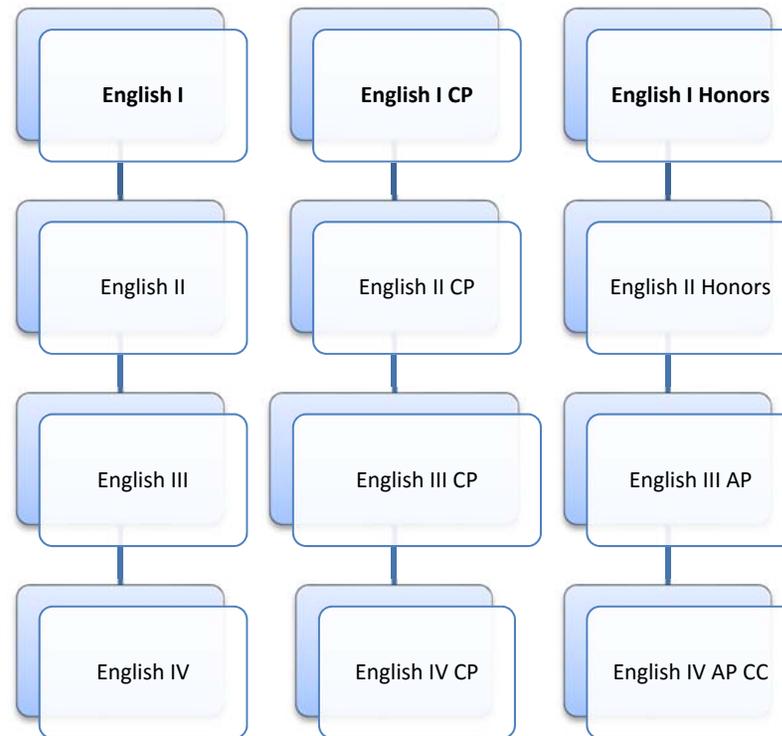
4525 MARKETING II CP CC **Full Year** **12** **5.00 credits**
Prerequisite: Marketing I CP

This course offers advanced study in the area of advertising, finance, salesmanship, management, business ownership, fashion merchandising, and data systems. Students are encouraged to participate in DECA which includes: marketing competitions, career field trips and seminars, school related projects, and business and community involvement. **Students have the option for attaining college credit for this course from Sussex County Community College.**

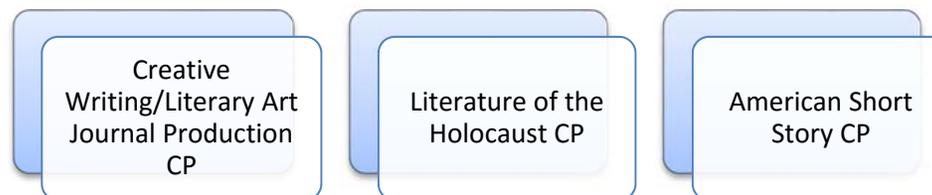
V4540 PATHWAYS TO COLLEGE AND CAREERS **Semester** **9,10,11,12** **2.50 credits**

This course invites students to explore opportunities and requirements in planning for college and careers. Students will be able to explore career goals and consider a plan and timetable including educational and training requirements, and possible college costs. Students will identify personal interests and aptitudes related to careers including analyzing how economic, social-cultural, and political conditions can affect income and career potential. Students will be able to identify the educational and training requirements. Students will research how to find and apply for college and jobs, create a personal resume, develop interviewing techniques, analyze the application process, including financial form.

ENGLISH DEPARTMENT 2016-17 COURSE OFFERINGS



ENGLISH DEPARTMENT ELECTIVES



ENGLISH

VENG5010 ENGLISH I Freshman Academy	Full Year	9	5.00 credits
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This is a recommended English course for 9th grade students identified by the NJ PARCC assessment as being partially proficient, as well as any student having difficulty mastering grade level reading and writing skills. Instruction and assessment will focus on development and improvement of those Language Arts skills mandated in the New Jersey Core Curriculum Content Standards and assessed via the PARCC. This course will focus on providing high interest literary selections and a comprehensive language skills program.

VENG5020 ENGLISH I CP Freshman Academy	Full Year	9	5.00 credits
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English I CP is a multi-faceted course made up of the following components: reading, writing, grammar, vocabulary and discussion. Students will be exposed to a survey of world literature as well as informational texts and poetry. Students will write essays in various modes, including persuasive, expository, and thesis writing. Instruction and assessment will focus on development and improvement of those language arts skills mandated in the Common Core State Standards and assessed via the PARCC. **A summer reading assignment will be required and an assessment will be given on the opening days of school and graded as a major test.**

VENG5030 ENGLISH I HONORS Freshman Academy	Full Year	9	5.00 credits
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Prerequisite: Recommendation by 8th Grade English Teacher/Guidance Counselor

English I Honors is a full-year course featuring writing, grammar, oral expression, library skills, dictionary skills, and vocabulary. This course follows the pattern of the college prep English I course at an advanced, accelerated level. In addition to representative literature in each genre, course material includes the Arthurian Legend and related literature. Instruction and assessment will focus on development and improvement of those Language Arts skills mandated in the New Jersey Core Curriculum Content Standards and assessed via the PARCC. To qualify for English 9 Honors, students must be recommended by their 8th grade teacher. Students will learn of the requirements for enrollment in their English 8 class or through their guidance counselor. **A summer project that will require analytical reading and a cohesive essay will be due on the first day of class and graded as a major test.**

VENG5110 ENGLISH II	Full Year	10	5.00 credits
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This is a recommended English course for 10th grade students who have been identified as having difficulty in mastering grade-level reading, writing and comprehension skills. This course is also recommended for any student who has experienced major difficulty in the traditional Language Arts program. This course will focus on providing high interest, traditional American literary selections, applicable informational texts and historical primary documents, accompanied by a comprehensive language skills program. Emphasis will be placed on fulfilling the Core Curriculum Content Standards and preparing students for success on the PARCC.

VENG5120 ENGLISH II CP	Full Year	10	5.00 credits
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In this course students will study traditional American literature, including novels and poetry. These texts will be supplemented by informational material culled from a variety of primary source documents, selected to enhance understanding and appreciation of the core texts. Instruction and assessment will focus on development and improvement of those Language Arts skills mandated in the Common Core Curriculum Content Standards and assessed via the PARCC. **A summer reading assignment will be required and an assessment will be given on the opening days of school and graded as a major test.**

VENG5130 ENGLISH II HONORS **Full Year** **10** **5.00 credits**
Prerequisite: Recommendation by 9th grade English Teacher

This course serves as a comprehensive study of American Literature and social progress focusing on the issues of religion, race, gender and social equality from colonization to today. Students will examine primary literary works as well as supplemental historical documents and other informational texts. Instruction and assessment will focus on the development of Language Arts and critical thinking skills in adherence to the Common Core and in preparation for the PARCC. **A summer reading project, essay and English I teacher recommendation is required before entering the course.**

VENG5210 ENGLISH III **Full Year** **11** **5.00 credits**

This is a required course for 11th grade students who have been identified as having difficulty in mastering grade-level reading and writing skills. This course is also recommended for any student who had experienced difficulty in the traditional Language Arts program. This course reviews British literature that deals with representative pieces from the Anglo-Saxon period to the Post-Colonial period. Emphasis will be placed on fulfilling the Common Core Curriculum Standards and preparing students for success on the PARCC.

VENG5220 ENGLISH III CP **Full Year** **11** **5.00 credits**

This course reviews British literature that deals with representative pieces from the Anglo-Saxon period to the Post-Colonial period. Informational texts have been added to address the themes running throughout the literature. Instruction and assessment will also address those skills and concepts necessary to prepare students for the PARCC and SAT exams. **A summer reading assignment will be required and an assessment will be given on the opening days of school and graded as a major test.**

VENG5230 ENGLISH III AP **Full Year** **11** **5.00 credits**
Prerequisites: Recommendation by English Teacher II Teacher

This course follows the English Language and Composition curriculum and assessment style as well as the Common Core Standards. Informational text (the only type of text on this AP test) and some British literature form the focus of this course. Students will develop critical standards for the appreciation and analysis of informational text and literary works and will engage in the writing process with an emphasis on rhetorical analysis, argument, and synthesis of information from multiple sources. Instruction and assessment will also address those skills and concepts necessary to prepare for the PARCC Assessment and SAT tests. **A summer project is required. It is expected that students enrolled in this course will sign up to take the AP test.**

VENG5310 ENGLISH IV **Full Year** **12** **5.00 credits**

Students engage in the writing process with particular emphasis placed on the process of writing a comprehensive essay. Selected novels, stories, and other literary forms are studied. This course emphasizes the development of reading skills.

VENG5320 ENGLISH IV CP **Full Year** **12** **5.00 credits**

This course will serve as a general survey of World, British and American Literature. The texts will be supplemented by informational material from a variety of primary source documents, selected to enhance understanding and critical thinking skills in accordance with the Common Core and in preparation for College and Career Readiness. **Students will be required to complete a Senior Thesis paper** based on Hamlet which will be designed to refine understanding of the research process. **A summer reading assignment will be required and assessment will be given on the opening days of school and graded as a major test.**

VENG5330 ENGLISH IV AP CC **Full Year** **12** **5.00 credits**
Prerequisite: Recommendation by 11th grade CP or AP English Teacher

World and modern American literature are the focus of the course. Students will develop critical skills for the independent appreciation of literary works and engage in the writing process with an emphasis on writing critical analysis, exposition and literary theory. Students will be given the opportunity to earn three credits from Seton Hall University for a nominal fee via Project Acceleration. Additionally, students will be required to complete the AP exam, which also presents the opportunity to get college credit at a discounted rate. The course will follow College Board recommendations, approval and assessments. **A summer project, essay and English III teacher recommendation are required before entering the course.**

V5611 CREATIVE WRITING/LITERARY **Full Year** **10,11,12** **5.00 credits**
ART JOURNAL PRODUCTION CP

In this course, students will explore all phases of creative writing, including poetry, fiction and non-fiction prose, personal essays, one-act plays and dialogues. Students participate in weekly “round tables” which help foster their literary critiquing skills. The course culminates in the production of *The Back Porch Review*, an award-winning literary art journal. The creation of this journal allows students to develop skills in proofreading, layout, and design. Course may be taken more than once, for credit, with the approval of the teacher.

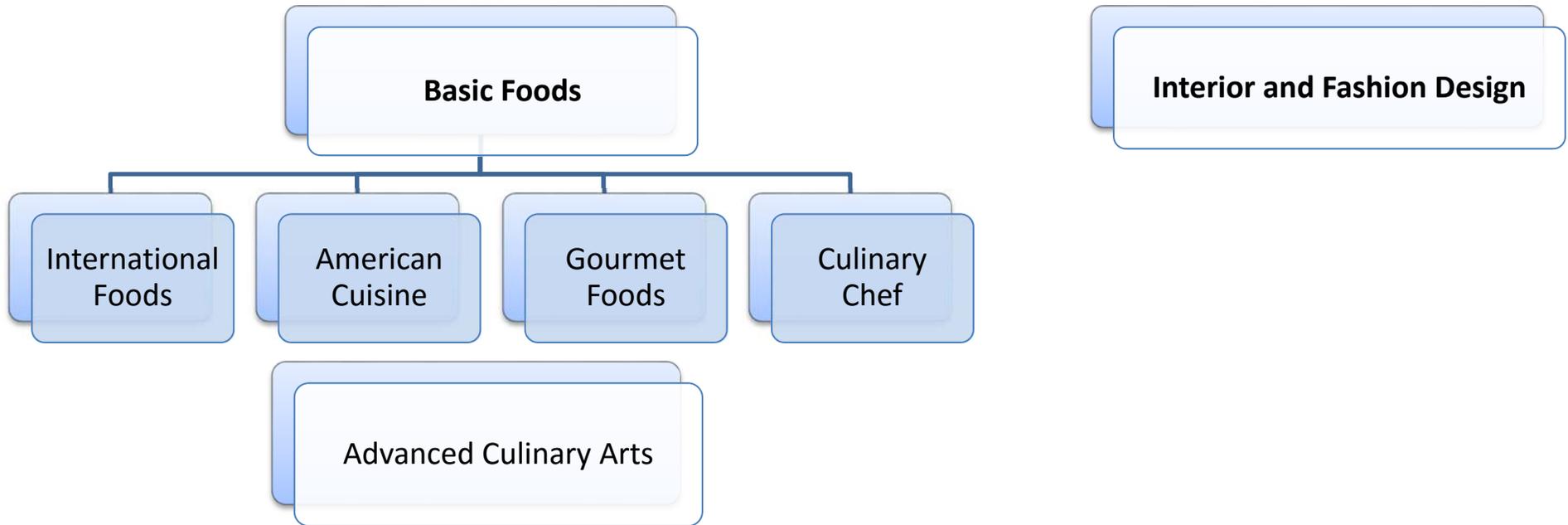
5705 LITERATURE OF THE HOLOCAUST CP **Full Year** **11,12** **5.00 credits**

This course provides a comprehensive study of the Holocaust, genocide and tolerance in the twentieth and twenty-first centuries by studying Holocaust history and reading primary source material including fiction, historical fiction, memoirs, poetry, the graphic novel, drama and film. Students will respond to the literature through journals, presentations, and research. Participation in the annual tolerance fair is mandatory.

5770 AMERICAN SHORT STORY CP **Full Year** **11,12** **5.00 credits**

This course is an intense exploration of the genre of short fiction by American writers from the Civil War through the present. Students will examine the American experience by connecting with the words of writers from different times and different cultural backgrounds. In addition, students will develop their reading comprehension skills, study habits, oral presentation competence and critical thinking abilities. This course also includes writing components in the forms of thesis papers and reader response essays.

FAMILY & CONSUMER SCIENCE DEPARTMENT
2016-17 COURSE OFFERINGS



FAMILY & CONSUMER SCIENCES

8100 BASIC FOODS **Full Year** **9,10,11,12** **5.00 credits**

Basic Foods is an introductory foods course that offers all VTHS students the opportunity to learn real life cooking skills which they will use each day. Have you ever wanted to prepare pancakes for Sunday morning breakfast, make tacos for your family or bake cupcakes for your friend's birthday? Basic Foods will show you how. Emphasis is placed not only on cooking but includes kitchen management, safety, and nutrition. Students will learn basic culinary skills including but not limited to chopping, slicing, measuring, sautéing, etc. Students break into cooking labs and will learn how to follow a recipe. The cooking labs will prepare foods such as Cinnamon Buns, Muffins, Dinner Rolls, Apple Pie, Cakes, Cookies, along with Taco's, Pizza and the all-time favorite Mac and Cheese.

8200 INTERNATIONAL FOODS **Semester** **10,11,12** **2.50 credits**

Prerequisite: Successful completion of Basic Foods with at least a "C" average

Students enrolled in International Foods will develop an awareness and appreciation of other cultures relative to meal patterns, food choices, holiday preparations, skills and techniques of food preparations. Students will utilize skills mastered in Basic Foods to prepare more complex foods related to a number of different world regions. Emphasis will be placed on exploring the cuisines of France, Germany, Italy, and Asia. Be prepared to create recipes such as Buche de Noel, Picture Bread, Bruschetta and Fried Won Tons. Students will be encouraged to share their own rich cultural heritage as well. Come and explore the cuisines of the world!

8240 AMERICAN CUISINE **Semester** **10,11,12** **2.50 credits**

Prerequisite: Successful completion of Basic Foods with at least a "C" average

Students enrolled in American Cuisine will explore the regional differences that exists related to food across the United States. Students will start eating and cooking their way across America in New England by preparing Blueberry Muffins and Molasses donuts. Closer to home from the Pennsylvania Dutch students will master the art of making Funnel Cakes that will rival anything that can be bought at a State Fair. The varied cuisine of the American South yields Hush Puppies and Southern Fried Chicken. Wisconsin Cheddar Cheese Soup and Iowa Potato Bread allow New Jersey students the opportunity to show the Mid-West what good chefs they are. Our trip concludes on the Pacific Coast where we will all try our hand at baking delicious Sourdough Bread. For Free/Experimental day, students may prepare that regional New Jersey Classic- Taylor Ham, Egg and Cheese. Enjoy the varied cuisines of the USA right in your own backyard.

8260 GOURMET FOODS **Semester** **10,11,12** **2.50 credits**

Prerequisite: Successful completion of Basic Foods with at least a "C" average

The focus of this course is to understand the "what, why, and how" of food preparation. Students will be better informed about food and how to translate what they know into healthy lifestyles and behaviors. Emphasis will be placed on healthy eating, preparing foods creatively, holiday preparations, cake decorating, homemade pasta, and specialty sauces.

8280 CULINARY CHEF **Semester** **10,11,12** **2.50 credits**

Prerequisite: Successful completion of Basic Foods with at least a "C" average

This course will offer more advanced principles of food preparation for the student who wishes to enter the food industry. Students will select and prepare foods creatively such as appetizers, decorative yeast breads, specialty pastries, main dishes, holiday preparations, etc.

8285 ADVANCED CULINARY ARTS **Full Year** **11,12** **5.00 credits**

Prerequisites: Students should have completed Gourmet Foods and Culinary Chef or have a recommendation from the Advanced Culinary Arts teacher prior to enrolling in this course.

This course will teach advanced skills and techniques needed to prepare and present food creatively. Preparing and serving food involves skill, science and art. This course will improve culinary skills for those students interested in becoming a professional chef or food stylist.

VFCS8400 INTERIOR AND FASHION DESIGN **Full Year** **9,10,11,12** **5.00 credits**

Do you enjoy rearranging and redecorating your bedroom or changing outfits multiple times during the day? Does designing and/or thinking about clothing and patterns inspire you? Do you like to mix and match colors, fabrics and different pieces of furniture with objects? This hands-on course will give you the knowledge and skills to turn a plain space into a unique and extravagant living space. You will learn how to make clothing and other fabric products as well as the principals of design and fashion. We will learn about textiles- how and where are they manufactured, why are certain materials used, and the importance of color in interior design and fashion. Discussion topics include how culture, history and renewable resources influence interior design and fashion trends. Directed laboratory projects will give you the opportunity to apply garment and interior design principals by creating and producing your own designs. Enroll and let the creating BEGIN!

VFCS8400 TEACHING AS A CAREER CP CC **Full Year** **12** **5.00 credits**

Prerequisite: Teacher recommendation

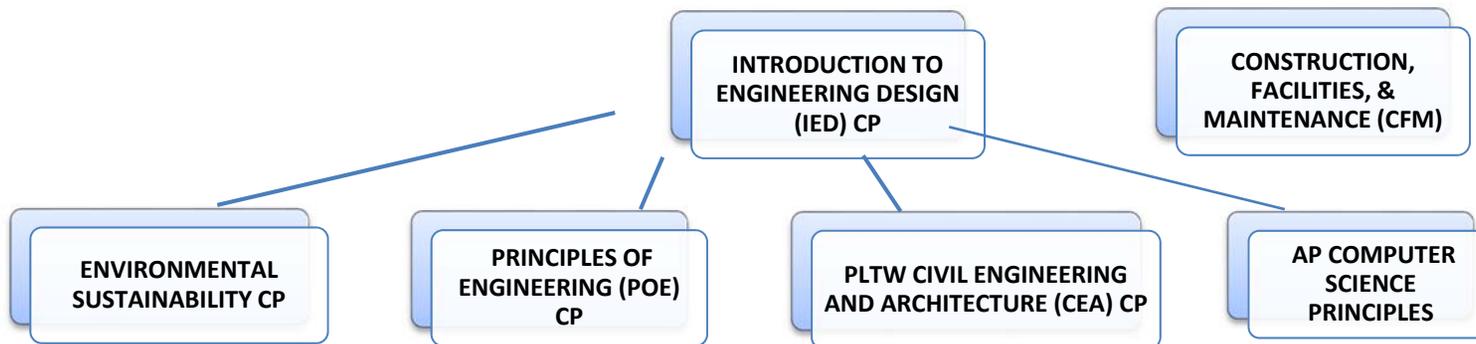
Teaching as a career is designed to introduce the beginning student to the field of education. It is designed to expose future educators to the power of knowledge, the discoveries of the past, and the tenacity to acquire future knowledge by his/her own effort. It is the intent of this class to prepare potential teachers for a career in education by giving them exposure to the following themes:

- Experiencing the Learner
- Experiencing the Profession
- Experiencing the Classroom
- Experiencing Education

Students will have the option for attaining concurrent college credit for this course.

ENGINEERING & TECHNOLOGY EDUCATION DEPARTMENT

2016-17 COURSE OFFERINGS



Note: After Introduction to Engineering Design (IED) is fulfilled, Level 2 Classes can be taken in any sequence, or Concurrently.

Examples:

1. IED → POE → CEA → Environmental Sustainability

2. IED → AP Computer Science Principles → CEA → POE

3. IED → Environmental Sustainability → AP Computer Science Principles → CEA

ENGINEERING & TECHNOLOGY EDUCATION

VIA7445 CONSTRUCTION, FACILITIES & MAINTENANCE (CFM) Full Year 9,10,11,12 5.00 credits (May be repeated).

Featuring units Building, Maintenance, Facility Maintenance, Building & Grounds, Construction & repair, and Painting & Carpentry. CFM takes the traditional Woodshop class and updates it focusing on career readiness! Students taking CFM will work cooperatively with their peers to complete and plan projects using both computers and power tools. Students may repeat the course and 11th and 12th grade students may also participate in an internship/work-study opportunity working alongside a community member working within the field.

VIA7401 INTRODUCTION TO ENGINEERING DESIGN (IED) CP Full Year 9,10,11,12 5.00 credits Prerequisite: Enrollment in or successful completion of Algebra I

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th or 10th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

VIA7425 PRINCIPLES OF ENGINEERING (POE) CP Full Year 10,11,12 5.00 credits Prerequisite: Grade of 80 or above in Introduction to Engineering Design (IED) and successful completion of Algebra I and/or Geometry

This survey course of engineering exposes students to some of the major concepts they'll encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community.

VIA7435 PLTW CIVIL ENGINEERING AND ARCHITECTURE (CEA) CP Full Year 10,11,12 5.00 credits Prerequisite: Grade of 80 or above in Introduction to Engineering Design (IED) and successful completion of Algebra I and/or Geometry

The major focus of this course is completing long-term projects that involve the development of property sites. As students learn about various aspects of civil engineering and architecture, they apply what they learn to the design and development of a property. The course provides teachers and students freedom to develop the property as a simulation or to students to model the experiences that civil engineers and architects face. Students work in teams, exploring hands-on activities and projects to learn the characteristics of civil engineering and architecture. In addition, students use 3D design software to help them design solutions to solve major course projects. Students learn about documenting their project, solving problems, and communicating their solutions to their peers and members of the professional community of civil engineering and architecture. This course is designed for 11th or 12th grade students.

VCSI2951 ENVIRONMENTAL SUSTAINABILITY CP **Full Year** **10,11,12** **6.00 credits**

Prerequisite: Grade of 80 or above in Introduction to Engineering Design (IED) and Biology AP. Sophomores must be taking Biology or AP.

Environmental Sustainability (ES) is a high school-level specialization course in Project Lead the Way (PLTW) Engineering. In ES, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions. Through both individual and collaborative team activities, projects, and problems, students problem solve as they practice common design and scientific protocols. Students develop skills in designing experiments, conducting research, executing technical skills, documenting design solutions according to accepted technical standards, and creating presentations to communicate solutions.

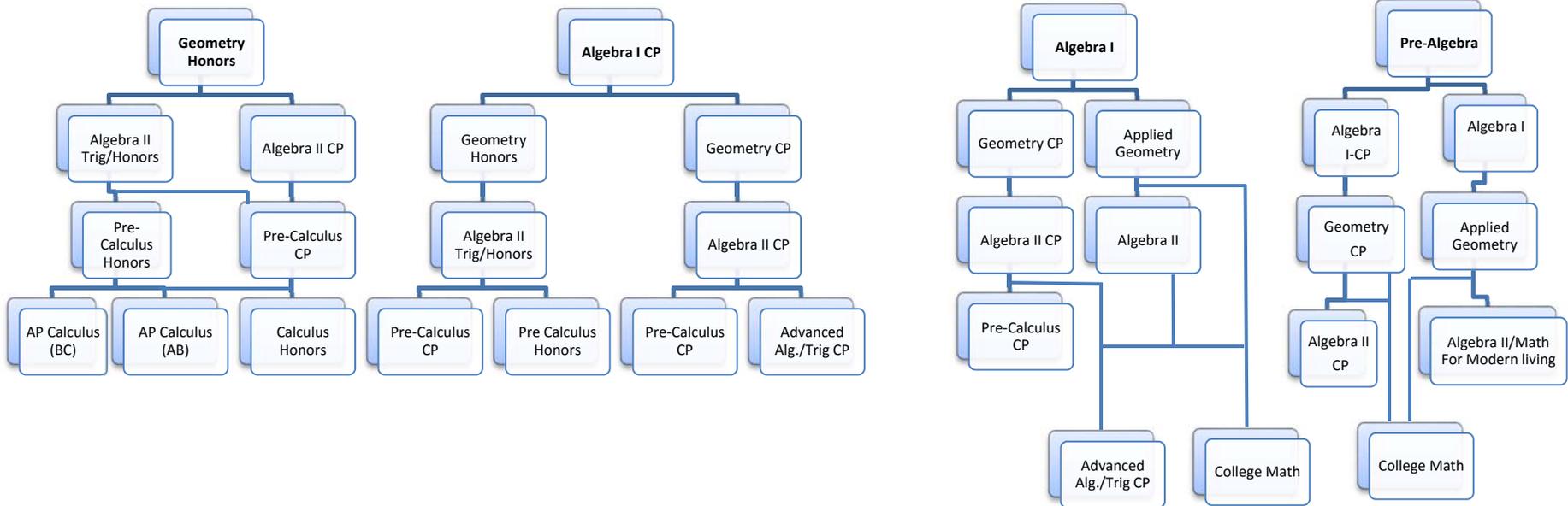
VMAT0200 AP COMPUTER SCIENCE PRINCIPLES/PLTW **Full Year** **9,10,11,12** **5 .00 credits**

Prerequisite: Successful completion of Algebra I

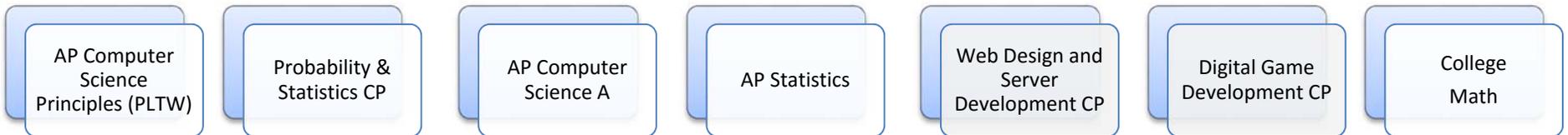
AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practice of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.

MATHEMATICS DEPARTMENT

2016-17 COURSE OFFERINGS



MATHEMATICS DEPARTMENT ELECTIVES



MATHEMATICS

NOTE: All New Jersey state colleges now require a minimum of three years of college-preparatory Mathematics this includes Algebra I, Geometry, and Algebra II.

130 MATH FOR MODERN LIVING **Full Year** **12** **5.00 credits**

This course presents those applications of mathematics found in daily living with which the student may wish to become familiar. A few of the topics to be studied are auto insurance, banking services, income tax computation, housing and utility costs, making consumer decisions, health and life insurance, commercial transportation, loans, and retirement income.

VMAT215 ALGEBRA I **Full Year** **9,10,11** **5.00 credits**

Operational skills and concepts are developed as an out-growth of the system of real numbers. Emphasis is on the development of abstract reasoning and problem-solving skills. Components of this course are included on the PARCC.

220 ALGEBRA I CP **Full Year** **9,10,11** **5.00 credits**

Prerequisite: Pre-Algebra with a grade of 80% or better

Operational skills and concepts are developed as an out-growth of the system of real numbers. Emphasis is on the development of abstract reasoning and problem-solving skills. Components of this course are included on the PARCC.

VMAT300 APPLIED GEOMETRY **Full Year** **10,11,12** **5.00 credits**

Prerequisites: Algebra I B or Algebra I CP

This course will take a practical, hands-on approach to the study of Euclidean geometry. Emphasis will be on every day applications of geometry concepts. Euclidean geometry is the core around which major themes of this course are organized. In addition, this course includes logical sequence, geometry applications of algebra, and the use of transformations and constructions.

310 GEOMETRY CP **Full Year** **10,11,12** **5.00 credits**

Prerequisites: Algebra I CP with a grade of 80% or successful completion of Algebra 1B with a grade of 90% and teacher recommendation

Euclidean geometry is the core around which major themes of this course are organized. In addition, this course includes logical sequence, geometry applications of algebra, and the use of transformations and constructions.

VMAT320 GEOMETRY HONORS **Full Year** **9** **5.00 credits**

Prerequisites: Algebra I CP with a grade of 85% or better and teacher recommendation

Geometry Honors includes the topics covered in Geometry CP. Topics will be covered at a faster pace and in greater depth. Computer applications and proof writing will also be emphasized. A major goal of this course will be to develop logical thinking skills. **A summer project is required which will be due on the first day of class and graded as a major test.**

330 ALGEBRA II **Full Year** **11,12** **5.00 credits**

Prerequisites: Applied Geometry or Geometry CP

Emphasis in this course is on extension of concepts, principles and operations which have been developed in the study of Algebra I. Graphing calculators will be used. NOTE: New Jersey State Colleges now require Algebra II of all students prior to admission.

400 ALGEBRA II CP **Full Year** **10,11,12** **5.00 credits**

Prerequisites: Geometry CP with a grade of 75% and teacher recommendation

Algebra II CP is offered to students who have successfully passed Algebra I CP or Algebra I B. This course is designed to provide students with a thorough knowledge of numbers, functions and their graphs, and real-world applications of functions. Topics such as data analysis, linear, quadratic, exponential, logarithmic functions, and conic sections will be included. Graphing calculator activities will be presented throughout the course to make mathematics enjoyable and relevant to the students. The Algebra II CP curriculum is also available to students over the course of two school years, as Algebra II A and Algebra II B. The first half of the material is covered in Algebra II A and the second half during Algebra II B. Students in the Algebra II CP course may take Pre-Calculus after completion of this course. Students will develop the skills needed to become proficient in the fundamental principles of mathematics so they can successfully study the mathematics that follow this course

VMAT0410 ALGEBRA II/TRIG. HONORS **Full Year** **9,10** **5.00 credits**

Prerequisites/Core Requisites: Geometry Honors with a grade of 85% or Geometry CP with a grade of 90% and teacher recommendation

Algebra II/Trigonometry Honors is offered to students who have successfully passed Algebra I CP and Geometry CP or Honors. This course is designed to provide students with a thorough knowledge of numbers, functions and their graphs, and real-world applications of functions. Topics such as data analysis, linear, quadratic, exponential, logarithmic, and trigonometric functions, and conic sections will be included. Graphing calculator activities will be presented throughout the course to make mathematics enjoyable and relevant to the students. Students in the Algebra II Honors course may take Pre-Calculus CP, Pre-Calculus Honors or AB Calculus after completion of this course. Students will develop the skills needed to become proficient in the fundamental principles of mathematics so they can successfully study the mathematics that follow this course.

VMAT0590 PRE-CALCULUS CP **Full Year** **11,12** **5.00 credits**

Prerequisites: Algebra II CP with a grade of 75% and teacher recommendation

Pre-Calculus completes the formal study of the elementary functions that begins in Algebra I CP and Algebra II CP. This course addresses topics in algebraic, geometric and logical approaches. This course is offered to students who have successfully completed Algebra II CP. Students focus on the use of technology, modeling, and problem solving involving data analysis, trigonometric and circular functions, their inverses, polar coordinates, complex numbers, vectors, exponential and logarithmic functions. Word problems and real-life applications are utilized to help make mathematics meaningful and enjoyable to students. Graphing calculators are used extensively to aid students in navigating through modeling, data analysis, and problem solving.

VMAT600 PRE-CALCULUS HONORS **Full Year** **10,11,12** **5.00 credits**

Prerequisites: Algebra II/Trig. Honors with a grade of 85% and teacher recommendation and completion of assigned summer work

Pre-Calculus Honors is offered for students who have successfully completed Geometry Honors in 9th grade and Algebra II Honors in 10th grade. This course provides a necessary mathematical background for students interested in science, mathematics, engineering and other related fields and areas of study. Pre-Calculus Honors provides the first stage needed in the study of Calculus and AP Calculus. Pre-Calculus Honors emphasizes the study of functions and their graphs. Trigonometry and analytic geometry are reviewed with the emphasis being placed on applications of basic principles. An introduction to Calculus is given with an emphasis on limits and the derived function. Vectors, matrices and discrete math are also studied. Graphing calculator activities will be presented throughout the course to make mathematics enjoyable and relevant to the students.

VMAT0615 CALCULUS HONORS **Full Year** **11,12** **5.00 credits**

Prerequisites: Trig/Pre-Calculus CP with a grade of 75% or Pre-Calculus Honors

This course is offered to seniors wishing to take a fourth year of math but not take the AP Calculus test. It is concerned with the calculus of elementary functions, a study of analytic geometry and the use of a graphing calculator. This class DOES NOT prepare students for the AP Calculus test in May.

620 CALCULUS AP (AB) **Full Year** **11,12** **5.00 credits**

Prerequisites: *a grade of 93 in Algebra II/Trig. Honors, a grade of 88 in Pre-Calculus Honors, or a grade of 93 in Pre-Calculus, *teacher's recommendation, and *completion of the assigned summer work

AP Calculus AB is a full semester first-level college course designed for students who will pursue a study in mathematics, science, engineering, business, pharmacy, or medicine. Calculus AB covers limits, derivatives, integrals, approximation, and applications and modeling. It is an advanced mathematics course that analyzes meaningful real life situations and uses appropriate technology to develop concepts and applications related to continuity and discontinuity of functions as well as differentiation, and integration. The AP Calculus AB course at Vernon Township High School will follow a curriculum based upon the curriculum of the state of New Jersey and the guidelines of the College Board.

VMAT0630 CALCULUS AP (BC) **Full Year** **11,12** **5.00 credits**

Prerequisites: * a grade of 97 in Pre-Calculus Honors or satisfactory performance in AP Calculus AB, * teacher's recommendation, and *completion of the assigned summer work

AP Calculus BC is a full semester second-level college course designed for students who will pursue a study in mathematics, science, or engineering. Calculus BC covers limits, derivatives, integrals, approximation, and applications and modeling in more details. It is an advanced mathematics course that analysis meaningful real life situations through modeling and by using advanced integration techniques. The AP Calculus BC course at Vernon Township High School will follow a curriculum based upon the curriculum of the state of New Jersey and the guidelines of the College Board.

VMAT0250 PROBABILITY & STATISTICS CP **Full Year** **10,11,12** **5.00 credits**

Prerequisite: Successful Completion of Algebra I CP and teacher recommendation

Probability and Statistics is an elective for students who have successfully completed Algebra I CP. This is an introductory level course which covers the basic organizational skills, strategic planning, decision making and problem solving techniques. The skills learned in this class will be useful beyond high school. Topics such as designing and conducting valid surveys, collecting, analyzing, and presenting data, and probability and problem solving are explored during the course. Computers and graphing calculators will be used throughout the course to make the math relevant and enjoyable to students.

VMAT0160 STATISTICS AP **Full Year** **11,12** **5.00 credits**

Pre-requisite: Successful completion of Algebra II/Trigonometry Honors or Pre-Calculus

The AP Statistics course is designed to provide students with a learning experience equivalent to an introductory college, non-calculus-based course in statistics and will introduce the major concepts and tools for collecting, analyzing, and drawing conclusions from data. The equivalent introductory college statistics class is typically required for majors in the fields of social sciences, health sciences, and business. This course is also an effective preparation for science, engineering, and mathematics majors whose course curriculum usually dictates upper-level calculus-based statistics. Important considerations for the class will be the themes of: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Technology will be utilized in the form of computers, computer software, and graphing calculators. Students will engage in constructing own knowledge through the incorporation of lab activities, group problem-solving, projects, and class presentations. The AP Statistics course at Vernon Township High School will follow a curriculum based upon the curriculum of the state of New Jersey and the guidelines of the College Board.

VMAT0210 ADVANCED ALGEBRA/TRIGONOMETRY CP Full Year 11,12 5.00 credits
Prerequisites: Successful Completion of Algebra II CP

Advanced Algebra/Trigonometry CP is offered to students who have successfully passed Algebra II CP. This course is designed to provide students with a thorough knowledge of logical analysis and effective problem solving techniques in various areas relevant to a non-calculus first year college level general math course. Topics such as reasoning, strategies for problem solving, set theory, introduction to logic, counting methods, probability, and basic concepts of algebra, geometry, and trigonometry will be covered. Graphing calculators and college placement testing practice activities will be presented throughout the course to make the math relevant and enjoyable to students.

VMAT0645 AP COMPUTER SCIENCE A Full Year 10,11,12 5.00 credits
Prerequisite: Successful Completion of Introduction to Programming CP

AP Computer Science A is intended to serve both as an introductory course for computer science majors and/or as a course designed for people who will major in other disciplines that require significant involvement with technology. It is not a substitute for the usual college-preparatory mathematics courses. The following goals apply to the AP Computer Science A course when interpreted within the context of the course. Students should be able to:

1. Design and implement solutions to problems by writing, running, and debugging computer programs.
2. Use and implement commonly used algorithms and data structures.
3. Develop and select appropriate algorithms and data structures to solve problems.
4. Code fluently in an object-oriented paradigm using the programming language Java. Students are expected to be familiar with and be able to use standard Java library classes from the AP Java subset.
5. Read and understand a large program consisting of several classes and interacting objects. Students should be able to read and understand a description of the design and development process leading to such a program. (An example of such a program is the *AP Computer Science Case Study*.)
6. Recognize the ethical and social implications of computer use.

The AP Computer Science A course at Vernon Township High School will follow a curriculum based upon the curriculum of the state of New Jersey and the guidelines of the College Board.

VMAT0220 COLLEGE MATH Full Year 11,12 5.00 credits
Prerequisites: Successful Completion of Algebra I and Applied Geometry

This course is designed to build upon algebra and geometry skills learned in previous classes and prepare students for success in college, career, and beyond. The course reinforces and extends the fundamentals of geometry and algebra and will focus on the Algebra Accuplacer test to cover topics including: operations with whole numbers and fractions, operations with decimals and percents, and applications and problem solving. Students that earn above a 76 on this test will fulfill graduation requirements and place out of no credit math classes at community college. After completion of the Accuplacer exam students will study a variety of probability, statistics and algebra II concepts.

VMAT0230 WEB DESIGN & SERVER DEVELOPMENT CP Semester 10,11,12 2.50 credits
Prerequisites: Successful Completion of Algebra I

This course is designed to allow students to understand two facets of a large subset of their daily life. How to design web sites, as well as how to build and maintain the technological platform which they require in order to exist. Students will learn both software and hardware requirements necessary for a web server to exist, as well as how to use them to host their own projects. Students will also learn about the problems behind maintaining a web server and preventing/correcting security vulnerabilities.

VMAT0240 DIGITAL GAME DEVELOPMENT CP Semester 10,11,12 2.50 credits
Prerequisites: Successful Completion of Algebra I

This course is targeted as an introduction to game theory and development. Students will be engaged throughout the course to design both new and classic games through a user-friendly game programming interface. Many topics will be addressed throughout the course including game design, theory, creation, and production. Students will learn how games are distributed and design game programs that are platform independent.

VMAT0200 AP COMPUTER SCIENCE PRINCIPLES/PLTW Full Year 9,10,11,12 5.00 credits
Prerequisites: Successful Completion of Algebra I

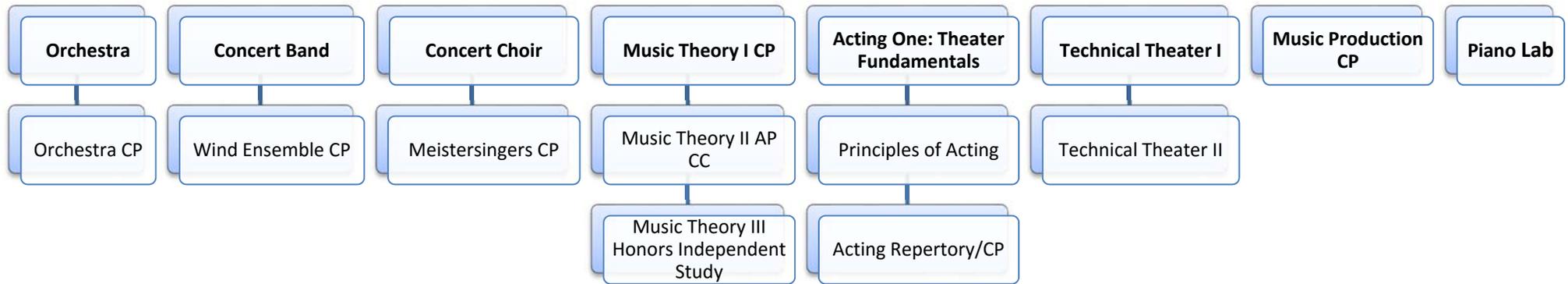
AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and practices of computational thinking and inviting students to understand how computing changes the world. The rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field.

VMAT0710 WEB PAGE DESIGN Semester 9,10,11,12 2.50 credits

Web Page Design provides a common-sense approach to design fundamentals, focusing on the web home page as a practical tool designed to capture an audience. It includes critical analysis of web page organization, design, and functionality. This course is designed for students with the essential preparation for using any brand web page design software. The focus is on three basic design concepts for a website: Information design (how to structure information); programming design (getting the site to function); and visual design (what the site will look like).

PERFORMING ARTS DEPARTMENT

2016-17 COURSE OFFERINGS



PERFORMING ARTS

6920 CONCERT BAND **Full Year** **9** **5.00 credits**
Prerequisite: Students with prior instrumental experience.

6500 CONCERT BAND (May be repeated) **Full Year** **9,10,11,12** **5.00 credits**
Prerequisite: Students with prior instrumental experience.

The Concert Band course is designed for the student who has prior instrumental experience. Students are expected to develop higher skills of technical proficiency while developing individual and ensemble musicianship. The focus of the class is to increase the artistic performance level of both individual students and the ensemble as a whole. The course includes the exposure to band literature of various periods and styles, theoretical concepts, proper interpretive skills, correct performance practices, improved personal performance, proper ensemble techniques, and training in team effort and common goal pursuit.

Concert Band meets every day; and additionally, a weekly sectional is required of all members. Regular individual practice is required. Students enrolled in Concert Band commit themselves to personal musical growth, progress toward the goals of the group, and conformity of decorum as outlined in school and departmental policy. Attendance at extra rehearsals and performances is also a requirement. Yearly performances include, but are not limited to, the Holiday Concert, Spring Concert, and Pops Concert. The Solo/Ensemble Recital showcases seniors in the area of classical music.

VPFA6560 MUSIC PRODUCTION & ENGINEERING CP **Full Year** **9,10,11,12** **5.00 credits**
Prerequisite: None

Music production is the fastest growing career and college major within the Performing Arts. This course is designed to introduce students to sound editing and mixing, and digital music composition and arranging. Students will work independently and in groups with Korg keyboards and Apple Computers to bring recorded and midi sounds to life and to create their own original music. Music Production and Engineering students will use simple programs such as Audacity and Garageband as well as industry standard programs such as ProTools and Cubase. This course will help students who enjoy recording their own music and “beats” in their homes as well as students with aspirations to become the next big record producer.

6525 WIND ENSEMBLE CP (May be repeated) **Full Year** **10,11,12** **5.00 credits**
Prerequisites: Enrollment in Wind Ensemble is subject to audition and/or permission of the instructor.

The Wind Ensemble course is designed for the student who has advanced instrumental experience. Students are expected to develop higher skills of technical proficiency while developing individual and ensemble musicianship. The focus of the class is to increase the artistic performance level of both individual students and the ensemble as a whole. Repertoire performed includes advanced band literature of various styles and periods.

Wind Ensemble meets every day; and additionally, a weekly sectional is required of all members. Regular practice at home is recommended and encouraged. Students enrolled in Wind Ensemble commit themselves to personal musical growth, progress toward the goals of the group, and to conformity of decorum as outlined in school and departmental policy.

Written assignments, Performance Assessments, and Yearly performances include, but are not limited to, Fall Concert, Holiday Concert, Spring Concert, and Pops Concert and the High School Senior Class Graduation

6530 ORCHESTRA (May be repeated) Full Year 9,10,11,12 5.00 credits

Orchestra is designed for instrumentalists with prior string performance experience. Students will continue to develop and advance their individual instrumental technique. Individual and ensemble musicianship skills will be developed. The focus of the class is to increase the performance level of both individual students and the ensemble as a whole. Repertoire to be studied will include a wide variety of styles and periods. Members of the Orchestra have the opportunity to audition for the VTHS Chamber Orchestra. Students are also encouraged to audition for honors orchestras, such as the Sussex County Youth Orchestra, Region I Orchestra, and All-State Orchestra. Orchestra meets every day. An additional weekly sectional and regular individual practice are required. Students enrolled in Orchestra commit themselves to personal musical growth, progress toward the goals of the group, and conformity of decorum as outlined in school and departmental policy. Attendance at extra rehearsals and performances is also a requirement. Yearly performances include (but are not limited to) the Holiday Concert, Spring Concert, and Pops Concert. The Solo/Ensemble Concert features solo performances, chosen at the discretion of the director. Students in their second, third, or fourth year may qualify for the Tri-M Music Honor Society.

6540 ORCHESTRA CP (May be repeated) Full Year 9,10,11,12 5.00 credits

Students who are currently members of the VTHS Chamber Orchestra may enroll for Orchestra CP. Chamber Orchestra students strive to develop higher skills of technical proficiency and artistic expression on the individual and ensemble levels. In addition to meeting the requirements for Orchestra, they are expected attend at least one hour-long rehearsal after school each week and numerous afternoon or evening performances throughout the school year. Students in the VTHS Chamber Orchestra will work on literature specifically tailored for various school and community performances in addition to their Holiday, Pops, and spring concert literature.

6600 CONCERT CHOIR (May be repeated) Full Year 9,10,11,12 5.00 credits

This course is designed to develop student skill in vocal technique, sight singing (i.e. music reading skills), ensemble technique, and overall musicianship through a variety of vocal and choral experiences. The focus of the class is to increase the performance level of both individual students and the ensemble as a whole; ensemble music and group activities are central to class activities. Music of all styles and periods will be explored with an emphasis on master choral works. Development of knowledge and skills in sight singing and music theory is included.

Members of the Concert Choir have the opportunity to audition for chamber choirs, and other small ensembles. Students are also encouraged to audition for honor ensembles such as, County, Region, and All-State Chorus. Select opportunities are provided for solo development and performance; voice part, seniority, and ability levels are determining factors.

Chorus meets every day; and additionally, weekly sectionals are required. Students enrolled in Concert Choir commit themselves to personal musical growth, progress toward the goals of the group, and to conformity of decorum as outlined in school and departmental policy. Attendance at extra rehearsals and performances is also a requirement. Yearly required performances include, but are not limited to, the Holiday Concert, On Broadway Concert, and Spring Concert. The Solo/Ensemble Recital showcases seniors in the area of classical music.

6620 MEISTERSINGERS CP**Full Year 10,11,12****5.00 credits**

Prerequisites: Concert Choir and Audition/Recommendation.

Student admission to this class is by audition and instructor approval only. The course is designed for advanced singers with one, two, or three years of experience in one of the VTHS concert choirs. Students who have been members of County, Region, or All-State choruses will receive special consideration for admission. Advanced vocal technique and ensemble skills will be developed while advanced choral music is studied. Additional community performances will be expected of this ensemble. Students will be involved with more demanding and sophisticated standards in terms of critiquing, aesthetic awareness, and in examining the studied repertoire's historical, social, and cultural influences.

V6519 PIANO LAB**Full Year****9,10,11,12****5.00 credits**

(This course may be repeated)

This course is designed for beginning level piano/keyboard students. Piano Lab is designed as a one year course for beginning level piano/keyboard students. Using the piano in this full year class, students will learn the basics of music notation, rhythm, melody and harmony. Students will progress through instruction utilizing beginning piano books and supplementary materials. Each student will learn to play repertoire of music commensurate with his/her ability. Access to a piano/keyboard outside the class is helpful but not necessary. Piano Lab may be used as a preparation for Music Theory. This course may be repeated at the discretion of the instructor.

6710 MUSIC THEORY I CP**Full Year****10,11,12****5.00 credits**

This course is a study of the theoretical foundations of music, including all aspects of notation and musical terminology, scale theory, intervals, triads, chords and harmonic progressions. Melodic, rhythmic and harmonic hearing and writing will be developed through sight singing and ear training skill development. Beginning conducting and compositional analysis is included. Students interested in learning more about music as an art, regardless of future musical plans, are also encouraged to participate in this class, as are members of VTHS choirs, bands, orchestras and students who take private piano lessons. The course is designed to complement and expand the performance capabilities and understanding of singers and instrumentalists. *Music Theory I is an essential class for students majoring in music, music education, musical theater, or any performing art related to or engaged with considering music.*

6720 MUSIC THEORY II AP CC**Full Year****11,12****5.00 credits**

Prerequisites: Music Theory I CP and instructor approval.

This course is a continuation at an advanced level of all aspects of music theory as begun in Music Theory I. Advanced ear training, sight singing, and analysis skills will be developed. Compositional skills will also be developed. Advanced part-writing skills, seventh chord construction and use, and modulation will be studied. Students are encouraged to create their own musical compositions. The class includes detailed preparation for the Music Theory Advanced Placement Exam. **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP test. Students have the option for attaining college credit for this course.**

**VPFA6730 MUSIC THEORY III HONORS
INDEPENDENT STUDY****Full Year****12****5.00 credits**

Prerequisites: Successful completion of Advanced Placement Music Theory and a score of 3 or higher on the AP exam and instructor approval.

This course is for students who have successfully completed the AP Music Theory course. Students will continue their growth in solfège and dictation skills. Composition and score analysis will be developed while students advance their knowledge and facility in the area of chromatic harmony. Advanced work with modulation and counterpoint will also be included. Students may choose to take the AP Music Theory Examination a second time. This course runs concurrently with the AP Music Theory class. **A summer project is required which will be due on the first day of class and graded as a major test.**

6800 ACTING ONE: THEATER FUNDAMENTALS Full Year 9,10,11,12 5.00 credits

This is an introductory survey course in theater arts. It provides a complete background in the fundamentals of acting, with attention to scenery, lighting, makeup, theater history, creativity, and the relationship of theater to all of the arts. Much activity is hands-on. This class is a prerequisite for the acting training class, Principles of Acting.

6810 PRINCIPLES OF ACTING Full Year 10,11,12 5.00 credits

Prerequisites: Acting One: Theater Fundamentals, or instructor and administrative approval.

This is a studio course to train actors for the stage, using a variety of approaches to develop characters in the performance situation. Students learn to create believable characters and relationships in monologues and scenes. Attention to voice and body training, begun in Acting One: Theater Fundamentals is continued here. Students in this class have some public performance opportunities and are expected to perform in an end-of-year recital. Principles of Acting is a prerequisite for the advanced Acting Repertory class.

6820 TECHNICAL THEATER I Full Year 9,10,11,12 5.00 credits

This is a hands-on course in theater technology. Students learn about design and construction methods of all types of scenery. Additional activity concerns lighting, sound, special effects, computer control, costumes, and theater management. Students in this course provide assistance to play productions, concerts, and all users of the auditorium.

6830 TECHNICAL THEATER II (May be repeated) Full Year 10,11,12 5.00 credits

Prerequisite: Technical Theater I.

This course is for advanced technical theater students. Meeting concurrently with the Technical Theater class, emphasis is on production research, scenery and lighting design, professional drafting standards, and production crew leadership positions such as master electrician and stage manager. Specific design specialty is tailored to individual student needs. Advanced Technical Theater students are expected to perform a leadership role with the Theater Technical students.

6900 ACTING REPERTORY (May be repeated) Full Year 11,12 5.00 credits

Prerequisites: Principles of Acting, or both instructor and administrative permission.

This is an advanced acting performance class. Students engage in the preparation of a variety of performances for statewide festivals and local public audiences as well as K-12 school groups. Continuing work on monologues, pairs, scenes, and improvisations fosters growth in technique, analysis, and style. Acting Repertory students must recognize that extra-curricular time is required to meet the demands of this course. The Acting Repertory class produces its own full-length showcase at the end of the school year as a final project.

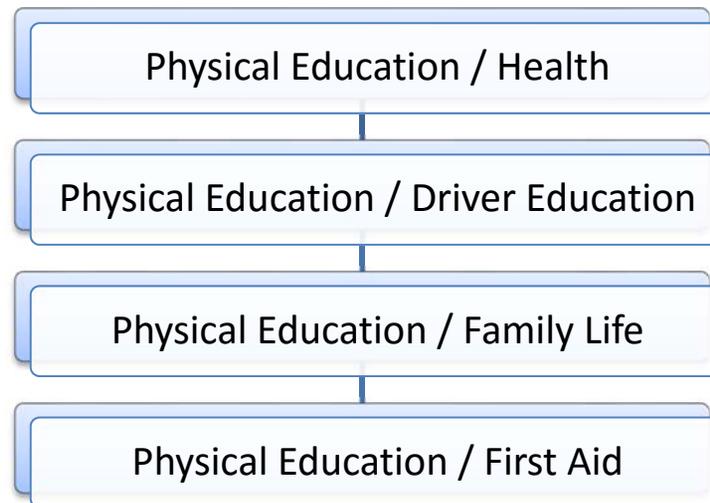
6910 ACTING REPERTORY CP (May be repeated) Full Year 11,12 5.00 credits

Prerequisites: Principles of Acting or instructor and administrative permission - in addition students must be enrolled in their third or fourth year of a Theater Arts class.

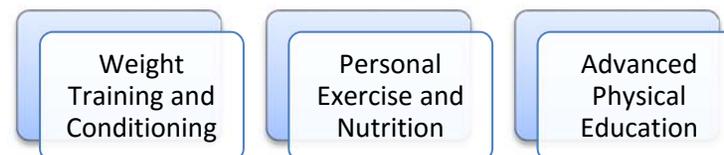
College prep level grading is available as an option for students in their third or fourth year of Acting Repertory class. Students may also be eligible who have completed other performing arts courses. Eligibility to enroll for the College Prep option is only by approval of both the instructor and academic chairperson. Students must complete all requirements of the regular level of Acting Repertory, as well as all additional CP requirements. Mandatory CP requirements are delineated by departmental guidelines. Additional requirements are at the discretion of the instructor. All CP work is graded. Grading criteria for the CP level is specific to the CP course; that is, it is different from the general level course.

HEALTH & PHYSICAL EDUCATION DEPARTMENT

2015-16 COURSE OFFERINGS



HEALTH & PHYSICAL EDUCATION DEPARTMENT ELECTIVES



PHYSICAL EDUCATION & HEALTH

**ELECTIVE IN PLACE OF THE REGULAR PHYSICAL EDUCATION CLASS*

VPED9002	ADAPTIVE PHYSICAL EDUCATION	Full Year	9,10,11,12	5.00 credits
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Adaptive Physical Education is designed to improve the physical and mental well-being of each student within his or her limitations. Emphasis throughout the course is placed on improving the self-worth of each student through his or her effort.

VPED9101	PHYSICAL EDUCATION/HEALTH 9	Full Year	9,10,11,12	5.00 credits-PE
VPED9102	PHYSICAL EDUCATION/DRIVER ED 10			
VPED9103	PHYSICAL EDUCATION/FAMILY LIFE 11			
VPED9104	PHYSICAL EDUCATION/FIRST AID 12			
VPED9201	PHYSICAL EDUCATION/HEALTH LAB 9			4.00 credits-PE
VPED9202	PHYSICAL EDUCATION/DRIVER ED LAB 10			
VPED9203	PHYSICAL EDUCATION/FAMILY LIFE LAB 11			
VPED9204	PHYSICAL EDUCATION/FIRST AID LAB 12			

Physical Education is required of all students. A variety of team and individual sports along with Project Adventure activities are presented with emphasis placed in the 11th and 12th grade on lifetime sports and leisure activities. All activities involve the teaching of skills, developing and maintaining fitness and social interaction.

General Health is part of the ninth grade program. The student becomes the central focus of this course. What he/she learns concerns the optimum health of his/her own body and mind.

Driver Education Theory is presented in the sophomore year. This course presents areas concerning vision, hearing, alcohol, drugs, laws of nature, man's laws, and traffic as they relate to driving a motor vehicle.

Family Life Living is introduced in the junior year. This course includes a preface to marriage and its adjustments and family problems.

First Aid is required of all seniors. This course is concerned with instruction of artificial respiration, and emergency first aid for severe bleeding, shock, poison, minor injuries and an awareness of being safety conscious.

*VPED9116	PE/WEIGHT TRAINING 10 LAB	Full Year	10	4.00 credits
*VPED9117	PE/WEIGHT TRAINING 10	Full Year	10	5.00 credits

The Weight Lifting class is geared to the student who wishes to learn basic anatomy and physiology on their way to mastering the basic fundamentals of weight lifting as well as program design and implementation. Students will be utilizing both the classroom and weight room throughout the school year. Class content will include but will not be limited to the following: anatomy and physiology, body systems, components of fitness, test and measurements to evaluate fitness, basic lifts, free weights and pin loaded machine lifts, muscle groups, nutrition, and the various phases of lifting. Program goals regarding muscular, cardiovascular and flexibility development will also be stressed. In addition to written assignments, an end of year Power Point Project will be required along with a Daily Fitness and Nutrition Log. **This course will serve in place of a student's regular physical education class, as it will meet the required criteria.**

*VPED9111	PERSONAL EXERCISE & NUTRITION	Full Year	11	5.00 credits
*VPED9112	PERSONAL EXERCISE & NUTRITION LAB	Full Year	11	4.00 credits

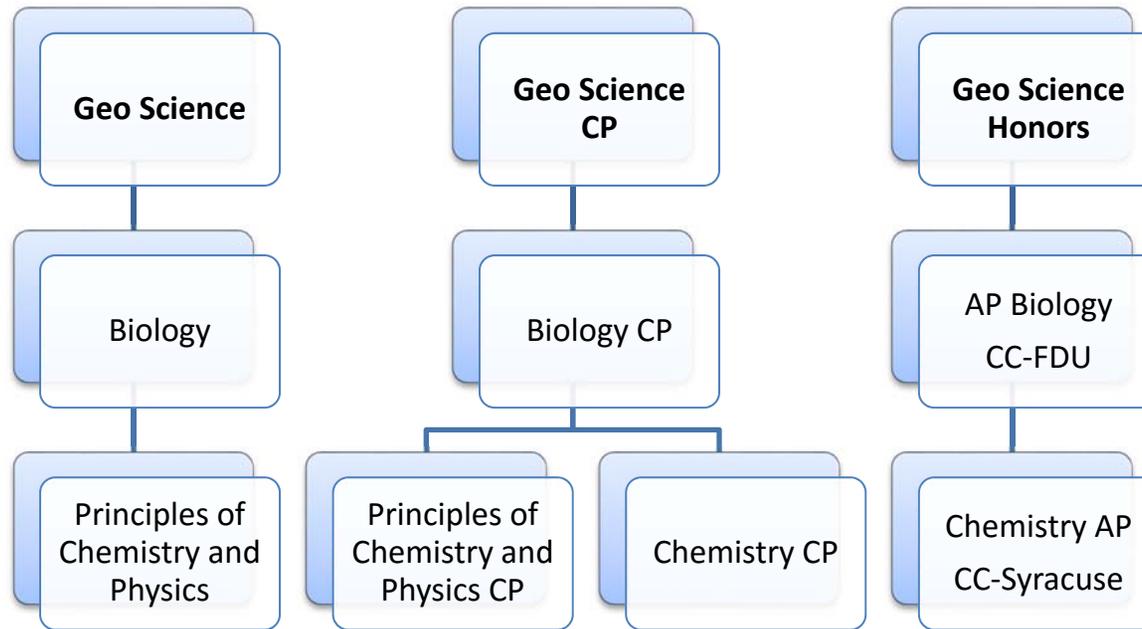
Target Audience – Students who may be dealing with a weight issue, nutritional concerns, and/or an interest in pursuing a healthy and active daily aerobic lifestyle as well as a nutritionally balanced lifestyle. Course Content – One day a week, students will be in the classroom discussing nutrition and personal health. Students will be responsible for learning how to monitor daily caloric intake. Each marking period, students will be involved in doing an individual or a group project based around the concepts of nutrition and personal health. Students will also be submitting weekly articles concerning these topics. The other four days of the week, students will be exploring, implementing, and executing different types of cardiovascular aerobic workouts, movement exploration, as well as weight training regimens to help build healthier cardiovascular systems. Project Adventure style group initiatives and challenges will also be implemented into the course. All students in the class will be out for their regularly scheduled health classes during the same marking period (preferably marking period 3). **This course will serve in place of a student’s regular physical education class, as it will meet the required criteria.**

*9300	ADVANCED PHYSICAL EDUCATION & PERSONAL FITNESS LAB	Full Year	12	4.00 credits
*9310	ADVANCED PHYSICAL EDUCATION & PERSONAL FITNESS	Full Year	12	5.00 credits

This class is OPEN TO SENIORS ONLY who have an A or B average in Physical Education and who are thinking of pursuing a career in the field of health, fitness, physical therapy, athletic training, physical education, coaching and/or fitness management.

The class will meet all four semesters. It will serve in place of their regular physical education class, fulfilling those requirements. One semester will be devoted to First Aid, thus also fulfilling the health requirement.

SCIENCE DEPARTMENT 2016-17 COURSE OFFERINGS



SCIENCE DEPARTMENT ELECTIVES



SCIENCE

VSCI2010 GEO SCIENCE (Lab) **Full Year** **9** **6.00 credits**
Prerequisite: Teacher recommendation required.

This course is designed for students who have scored partially proficient on their state assessments. The course is a study of the Earth operating as a set of complex, dynamic and interconnected systems, and is a part of the all-encompassing system of the universe. Course content includes astronomy, physical and historical geology, oceanography, atmospheric science, and the effect of humans on the Earth, oceans, and atmosphere. Observational and investigative activities will be integrated throughout the unity of study.

V2020 GEO SCIENCE CP (Lab) **Full Year** **9** **6.00 credits**
Prerequisite: Teacher recommendation required.

This course is recommended for both college and career preparation. This course is a study of the Earth operating as a set of complex, dynamic and interconnected systems, and is a part of the all-encompassing system of the universe. Course content includes astronomy, physical and historical geology, oceanography, atmospheric science, and the effect of humans on the Earth, oceans, and atmosphere. Observational and investigative activities will be integrated throughout the unity of study.

VSCI2030 GEO SCIENCE HONORS (Lab) **Full Year** **9** **6.00 credits**
Prerequisite: Teacher recommendation required.

The student can expect an enhanced detailed study of the topics covered in Geo Science CP. Observational and investigative activities will be integrated throughout the units of study. Independent research projects will be required of all students. **A summer project, including a test is required.**

VSCI2110 BIOLOGY (Lab) **Full Year** **10,11,12** **6.00 credits**
Prerequisites: Geo Science and teacher recommendation.

This course is designed for students who have scored partially proficient on their state assessments. The course is centered on the following content areas: cell structure and function, life processes, microbiology and disease, classification of animals and plants, ecology, and genetics. The systems approach is used to study the life functions of animals, plants, fungi, and protists. Emphasis will be placed on laboratory observation as related to specific units of study.

2120 BIOLOGY CP (Lab) **Full Year** **10,11,12** **6.00 credits**
Prerequisites: Geo Science CP.

This is a lab course designed for college and career preparation. This course is centered around the following content areas: cell structure and function, life processes, microbiology and disease, classification of animals and plants, ecology, and genetics. The systems approach is used to study the life functions of animals, plants, fungi, and protists. Emphasis will be placed on laboratory observation as related to specific units of study.

VSCI2130 BIOLOGY AP CC (Lab) **Full Year** **10, 11, 12** **8.00 credits**
Prerequisites: Successful completion of Geo Science Honors or Geo Science CP with teacher recommendation. It is also recommended that students earn a grade of at least 90% or better in the prerequisite college prep courses to better ensure success in this course **or** successful completion of Biology CP **and** Chemistry CP with teacher recommendation.

This course includes all topics covered in the AP Curriculum. Therefore, students should expect a very demanding and challenging experience. **Students will have three double periods per week. A summer project is required which will be due on the first day of class. A test will be given on this material. It is expected that students enrolled in this course will apply to take the AP test. Students have the option for attaining college credit for this course from Fairleigh Dickinson University.**

2220 CHEMISTRY CP (Lab) **Full Year** **11,12** **6.00 credits**

Prerequisites: Successful completion of Biology CP and Algebra I CP and Geometry CP.

This course is recommended for college bound students who have the necessary math background, require a physical lab science for college admission. The course will provide students with an understanding of the major principles of chemistry and basic laboratory techniques as a preparation for their college studies. The course will include topics such as the nature and properties of matter, formula writing, chemical reactions, chemical equations, stoichiometry, properties of solids, liquids, and gases, acids and bases. The course is also concerned with providing students with an understanding and appreciation of the impact of chemistry and technology on their everyday lives.

VSCI2230 CHEMISTRY SUPA AP CC (Lab) **Full Year** **11,12** **8.00 credits**

Prerequisites: Successful completion of Biology AP or Biology CP with teacher recommendation, and Algebra I CP and Geometry CP. An earned grade of 90% or better in the required college prep science courses is recommended for success **or** successful completion of Chemistry CP with teacher recommendation and Algebra I CP.

This course includes all topics covered in the AP Curriculum. Therefore, students should expect a very demanding and challenging experience. Credit is available through Syracuse University. **Students will have three double periods per week. A summer project is required which will be due on the first day of class. Students have the option for attaining college credit for this course from Syracuse University.**

2320 HUMAN BIOLOGY CP CC (Lab) **Full Year** **11,12** **6.00 credits**

Prerequisites: Successful completion of Biology CP with a grade of 75% or higher.

This course includes an in-depth study of the anatomy and physiology of the human body. Parts of the human body are studied in detail with special attention to cells, tissues, organs and organ systems. Laboratory activities are included in the course of study. This course is strongly recommended for those students who anticipate a career in medicine and health related fields. **Students have the option for attaining college credit for this course from Fairleigh Dickinson University.**

2420 PHYSICS CP (Lab) **Full Year** **11,12** **6.00 credits**

Prerequisites: Successful completion of Algebra I CP and a Co requisite of Algebra II CP.

Physics is designed to give students a basic understanding of the laws of mechanics, thermodynamics, light, electricity, magnetism, and other concepts of modern physics. Problem solving, application of concepts, and laboratory activities will be integral components of the course.

VSCI2431 PHYSICS SUPA HONORS CC (Lab) **Full Year** **11,12** **6.00 credits**

Co-requisite: Algebra II/Trig. Honors or Pre-Calculus Honors.

This course will involve an expanded study of all the topics covered in Physics CP but with more rigor and detail. Students should have strong mathematical and reasoning skills. **A summer project is required which will be due on the first day of class. A test will be given on this material.** It is also recommended that students earn a grade of at least 80% in their previous science honors class or at least 90% in their previous science college prep class to better ensure success in this course. **Students have the option for attaining college credit for this course from Syracuse University.**

VSCI2435 SCIENCE RESEARCH HONORS **3/4 Year** **11,12** **3.75 credits**

Co-requisite: Physics AP or Organic/Biochemistry Honors or AP Chemistry.

This class is designed to guide students into the intellectual rigor of active science research generated from their own interests and experiences. Students will be required to design and conduct a research project and present their findings to their class and school district. Students will also be required to participate in student science competitions.

VSCI2530 ORGANIC/BIOCHEMISTRY HONORS CC (Lab) Full Year 12 6.00 credits

Prerequisites: Successful completion of Chemistry AP or Chemistry CP with teacher recommendation.

This course is designed for the enthusiastic science student wishing to pursue knowledge beyond basic chemistry. Laboratories are an integral part of the course of study. The major emphasis is on the nature and behavior of carbon based compounds and the implications of their reactions in relationship to the life processes. The course is highly recommended for those students who anticipate entering the chemical, medical, and health related fields. **A summer project is required which will be due on the first day of class and be weighted as a major grade.** It is also recommended that students earn a grade of at least 80% in the required Honors class or 90% in the required College Prep class to better ensure success in this course. **Students have the option for attaining college credit for this course from Fairleigh Dickinson University.**

2611 ENVIRONMENTAL SCIENCE CP (Lab) Full Year 11,12 6.00 credits

Prerequisites: Successful completion of Biology CP Geo Science CP.

Co-requisite: of Chemistry CP or Principles of Chemistry and Physics CP.

Environmental Science CP uses concepts and information from ecology, biology, physical science, politics, economics, and more, to examine the role of humans on the earth. The students examine the relationships between living organisms and their environment, and use this to understand how the earth's life-support systems are being affected by human impact

2730 ENVIRONMENTAL SCIENCE AP (Lab) Full Year 11,12 6.00 credits

Prerequisites: Successful completion of Biology AP and a co-requisite of Chemistry AP; or successful completion of Biology CP with teacher recommendation and a co-requisite of Chemistry CP.

The course is designed to give students a solid background in Environmental Science. An in depth review of the following topics will be presented: Ecosystems, Populations, Soil Resources, Water Resources, the Atmosphere, Pollution and Environmental Problems, Recycling, Pests and Pest Management, and Energy Resources. **A summer project is required which will be due on the first day of class. A test will be given on this material. It is expected that students enrolled in this course will apply to take the AP test.** It is also recommended that students earn a grade of at least 80% in the required Honors class or at least 90% in the required College Prep class to better ensure success in this course.

VSCI2801 PRINCIPLES OF CHEMISTRY AND PHYSICS (LAB) Full Year 11,12 6.00 credits

Prerequisites: Successful completion of Geo Science and Biology and teacher recommendation.

This course is designed for students who have scored partially proficient on their state assessments. The first half of the course will include topics such as the nature and properties of matter, formula writing, chemical reactions, chemical equations, and properties of solids, liquids, and gases, acids and bases. The second half of the course is designed to give students a basic understanding of the laws of mechanics, thermodynamics, light, electricity, and magnetism.

V2805 PRINCIPLES OF CHEMISTRY AND PHYSICS CP (LAB) Full Year 11,12 6.00 credits

Prerequisites: Successful completion of Geo Science CP and Biology CP and Algebra I CP or Algebra IA.

The first half of the course will include topics such as the nature and properties of matter, formula writing, chemical reactions, chemical equations, and properties of solids, liquids, and gases, acids and bases. The second half of the course is designed to give students a basic understanding of the laws of mechanics, thermodynamics, light, electricity, and magnetism.

SYRACUSE UNIVERSITY CHE 113

VSCI2941 FORENSIC SCIENCE/SUPA HONORS CC (LAB) Full Year 11,12 6.00 credits

Prerequisites: Successful completion of Biology CP.

Co-requisite: Chemistry CP

Forensic Science Honors is focused upon the application of scientific methods and techniques to crime and law. Recent advances in scientific methods and principles have had an enormous impact upon law enforcement and the entire criminal justice system. This course is intended to provide an introduction to understanding the science behind crime detection. Scientific methods specifically relevant to crime and analysis will be presented with emphasis placed upon the techniques used in evaluating physical evidence. Topics included blood analysis, organic and inorganic evidence analysis, microscopic investigations, hair analysis, DNA, drug chemistry and toxicology, fiber comparisons, paints, glass compositions and fragmentation, fingerprints, soil comparisons, and arson investigations. Laboratory exercises will include techniques commonly employed in forensics investigations. **Students have the option for attaining college credit for this course from Syracuse University.**

VSCI2951 ENVIRONMENTAL SUSTAINABILITY CP (LAB) Full Year 10,11,12 6.00 credits

Prerequisites: Successful completion of Introduction to Engineering Design and Biology CP. Sophomores must be taking Biology AP.

Environmental Sustainability (ES) is a high school-level specialization course in Project lead the Way (PLTW) Engineering. In ES, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions. Through both individual and collaborative team activities, projects, and problems, students problem solve as they practice common design and scientific protocols. Students develop skills in designing experiments, conducting research, executing technical skills, documenting design solutions according to accepting technical standards, and creating presentations to communicate solutions.

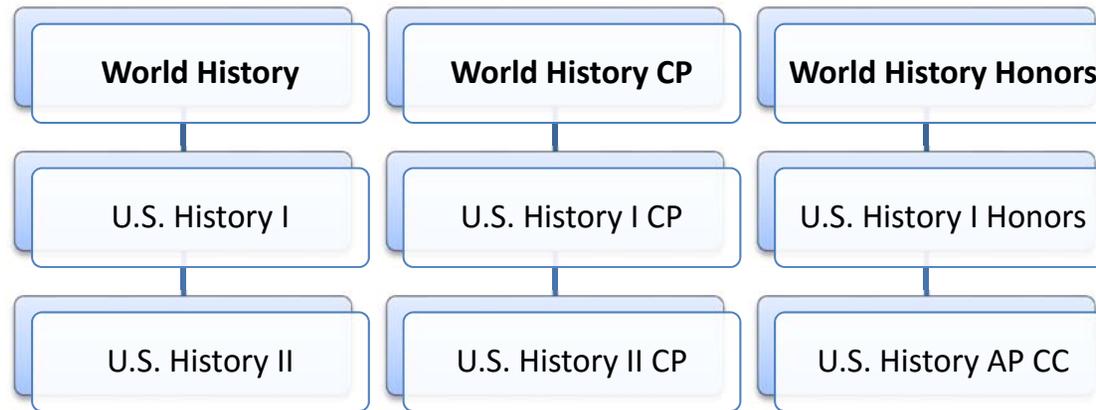
VSCI2971 DYNAMICS OF BIOMEDICAL HEALTH CARE HONORS Full Year 10,11,12 5.00 credits

Prerequisites: Successful completion of Biology AP or Biology CP with Teacher Recommendation. Sophomores must be taking Biology AP.

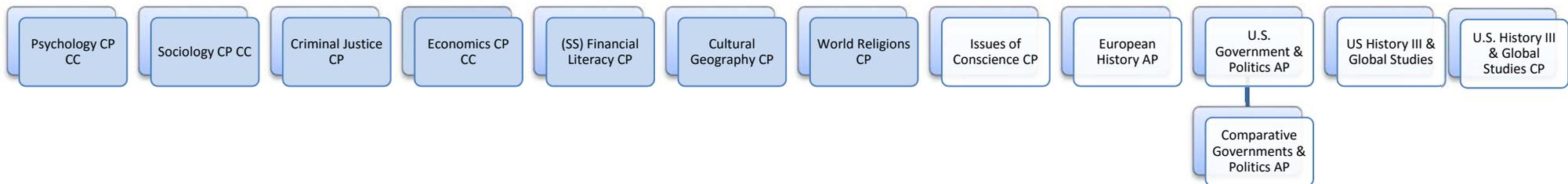
The principles of biomedical Science (PBS) course provides an introduction to biomedical science through exciting hands-on projects and problems. Students investigate concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They will determine the factors that led to the death of a fictional woman as they sequentially piece together evidence found in her medical history and her autopsy report. The activities and projects in PBS introduce students to human physiology, basic biology, medicine, and research processes and allow students to design experiments to solve problems.

SOCIAL STUDIES DEPARTMENT

2016-17 COURSE OFFERINGS



SOCIAL STUDIES DEPARTMENT ELECTIVES



SOCIAL STUDIES

1010 WORLD HISTORY **Full Year** **9** **5.00 credits**
World History is a required course for ninth graders.

Teacher/guidance recommendation is required for entry into this course. The course gives a general overview of World History from the European Age of Exploration to the modern period. This course places special emphasis on reading and writing skills in preparation for the PARCC. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

1020 WORLD HISTORY CP **Full Year** **9** **5.00 credits**
World History is a required course for ninth graders.

As a course designed for the academically inclined student, emphasis will be given to the development of research skills through the study of history. The course includes a survey study of world history from the European Age of Exploration to the modern era. Students will be required to complete some form of research in the various units of study throughout the year. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

VSOS1030 WORLD HISTORY HONORS **Full Year** **9** **5.00 credits**
World History is a required course of ninth graders.

This course will offer balanced global coverage of Africa, the Americas, Asia and Europe. Cultural, institutional, and technological precedents, along with geography, is the foundation for this course. Greater understanding of the evolution of global societies will be developed through a combination of factual information and analysis. To qualify for this course, a student must earn a grade of at least 90% in his/her previous social studies class and must be recommended by his/her 8th grade social studies teacher. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS). **A summer project is required which will be due on the first day of class and graded as a major test.**

Prerequisite to All U.S. History I Courses: Completion of World History Requirement

VSOS1210 U.S. HISTORY I **Full Year** **10** **5.00 credits**
U.S. History is a required course for all tenth graders.

Teacher/guidance recommendation is required for entry into this course. This course satisfies the first year of the State of New Jersey's requirements for United States History. It covers the period of United States History which begins with the American colonial period and concludes with the closing of the frontier in the 1870's - 1880's. This course places special emphasis on reading and writing skills in preparation for the PARCC. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

1220 U.S. HISTORY I CP **Full Year** **10** **5.00 credits**
U.S. History is a required course for all tenth graders.

This course is offered to tenth grade students whose selection is based upon past achievement. Also considered is student interest in history and willingness to accept the additional challenge offered by the course. Although the areas and periods studied are the same as the U.S. History I course, the students are given more time and freedom to consider the impact of ideas and conflicting interpretations on the nature and origin of American political, social, and economic institutions. Position papers and research reports on various ideas and interpretations studied will be required. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

VSOS1230 U.S. HISTORY I HONORS Full Year 10 5.00 credits
U.S. History is a required course for all tenth graders.

Enrollment in this course is based on departmental recommendation and past achievement. The areas studied are the same as U.S. History I College Prep, but issues, ideas and interpretations are studied in more depth. Considerable research is required. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS). **A summer project is required which will be due on the first day of class and graded as a major test.**

Prerequisite to All U.S. History II Courses: Completion of U.S. History I Requirement

VSOS1310 U.S. HISTORY II Full Year 11,12 5.00 credits

Teacher/guidance recommendation is required for entry into this course. This course which fulfills state requirements in New Jersey for United States History begins its study of the United States with the Age of Industrialization in the late 1800's. This course places special emphasis on reading and writing skills in preparation for the PARCC. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

1320 U.S. HISTORY II CP Full Year 11,12 5.00 credits

This course is offered to eleventh grade students whose selection is based upon past achievement. Also considered is their interest in history and a willingness to accept the additional challenge and research requirements. The topics studied include all of those examined in U.S. History II; however, greater consideration is given to conflicting ideas and theories on these topics as revealed in the student's research and discussion in class. Position papers and research reports on various ideas and interpretations studied are required. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS).

1330 U.S. HISTORY AP CC Full Year 11,12 5.00 credits

This course satisfies the second year of the State of New Jersey's requirement for United States history. Enrollment in this course is by departmental recommendation and/or past achievement. This course is taught at a college level. The student is required to write and to make oral presentations frequently on U.S. History topics under study. Writing assignments include document-based essay questions, free response essays, thesis statements and research, etc. The course of study follows the recommendations established by the AP Program. This course will use informational text readings/activities to keep in line with the Common Core Standards (CCS). **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP test. Students have the option for attaining college credit for this course.**

Prerequisite to all Junior/Senior Electives: Students must have completed World History and U.S. History I to enroll in any Social Studies elective.

VSOS1500 CRIMINAL JUSTICE CP Full Year 11,12 5.00 credits
Prerequisites: World History and U.S. History I.

The focus of this course is to examine the American criminal justice system and the agencies and processes that constitute it. Topics covered will include: criminal law, the police and court system, juvenile crime, the prison system, categories of crime, due process, terrorism, gangs, hate crimes, corrections, cybercrime, and careers in criminal justice. This course will explore the dynamic field of criminal justice and the ever-evolving nature of crime.

VSOS1484 CULTURAL GEOGRAPHY CP Semester 10,11,12 2.50 credits
 Prerequisite: World History.

The focus of Cultural Geography is to encourage students to develop a better understanding of the main components of culture (style, art, music, food, economy, family grouping, etc.) and the ways that cultures originate, evolve, and move. Great attention is paid not only to understanding the world around us, but also who we are and the role we play in it. Topics of study will include the interplay between culture and the physical world, population growth, cultural evolution, cultural diffusion, the historical movement of people and ideas and the globalization of culture. Ultimately, this course is centered around, the idea that what happens at a place has become increasingly dependent on what happens among places. **This course is offered on even numbered years (Fall–2016, Fall –2018). This course will be paired with World Religions CP.**

VSOS1410 U.S. HISTORY III & GLOBAL STUDIES Full Year 12 5.00 credits
 Prerequisite: World History, U.S. History I, and U.S. History II.

This course will study key events in post-World War II America and throughout the world. It will begin with the late 1940s and continue to modern day. Key areas of emphasis will be: the Cold War (including containment and the Domino Theory), the Korean War, Baby-boom generation, economic boom of the 1950s, Space race between the U.S. and Russia, the Vietnam War, J. F. Kennedy’s New Frontier, L. B. Johnson’s Great Society, the turmoil of the 1960s (war, drugs, protests, music, assassinations, women’s rights, Martin L. King, Jr. and equal rights, the Nixon years (China, Watergate), recession of 1970s, the Reagan years, the reunification of Germany and the break-up of the Soviet Union, the first and second Persian Gulf war, terrorism (9/11) and globalization today. This course will focus on the last fifty years of American history, with constant global connections. This is a full year Social Studies elective which also may be used in place for non-completion of community service hours.

VSOS1400 U.S. HISTORY III & GLOBAL STUDIES CP Full Year 12 5.00 credits
 Prerequisite: World History, U.S. History I, and U.S. History II.

This course will study key events in post-World War II America and throughout the world. It will begin with the late 1940s and continue to modern day. Key areas of emphasis will be: the Cold War (including containment and the Domino Theory), the Korean War, Baby-boom generation, economic boom of the 1950s, Space race between the U.S. and Russia, the Vietnam War, J. F. Kennedy’s New Frontier, L. B. Johnson’s Great Society, the turmoil of the 1960s (war, drugs, protests, music, assassinations, women’s rights, Martin L. King, Jr. and equal rights, the Nixon years (China, Watergate), recession of 1970s, the Reagan years, the reunification of Germany and the break-up of the Soviet Union, the first and second Persian Gulf war, terrorism (9/11) and globalization today. This course will focus on the last fifty years of American history, with constant global connections. This is a full year Social Studies elective which also may be used in place for non-completion of community service hours.

1431 PSYCHOLOGY CP CC Semester 11,12 2.50 credits

The purpose of this course is to introduce students to the study of human behavior: i.e., examine the biological bases of behavior, evolutionary psychology, perception, learning, cognition, motivation, development (life span), personality theories, psychological tests and measurements, social psychology, psychopathology, psychotherapy, and provide a foundation for those interested in the behavioral sciences and/or human service occupations. Upon completion of this course students will better understand themselves and others. Students will also be well prepared if they plan to major in psychology and be able to complete a research paper for college. This course will be paired with Sociology CP and or Personality Theories CP.

Students must complete all requirements as well as assignments and projects as assigned by the teacher. **College credit may be earned through Seton Hall University.**

1461 ISSUES OF CONSCIENCE CP **Full Year** **11,12** **5.00 credits**

The Holocaust of World War II and acts of genocide in the past and the present will be studied as questions of individual conscience and responsibility are raised. The problems of individual identity in a modern state and individual role in modern society are examined as we study acts of humanity and inhumanity and the consequences of those actions for all of us. Throughout the course, the roles of individuals and groups are analyzed to identify choices made by each and the impact of those choices upon the events that followed.

V1470 WORLD RELIGIONS CP **Semester** **10,11,12** **2.50 credits**

The World Religions course is concerned with encouraging the understanding of major religious movements around the globe. The course specifically explores Hinduism, Buddhism, Judaism, Islam, and Christianity. Additionally, the course will delve into defining the very essence of religion and connecting religious influence with major historical events and trends. **This course will be paired with Cultural Geography CP. This course is offered on even numbered years (Fall–2016, Fall –2018).**

1521 SOCIOLOGY CP CC **Semester** **11,12** **2.50 credits**

This course will develop the process of scientific observations and analysis of social behavior. The basic concepts of sociology that will be studied will provide the student with a greater awareness of others and the way each of us chooses to exist in this society. Specific areas of discussion will include culture, personality, roles, social organizations such as the family, institutions and associations, race and ethnic relations, the community and social change. The student will be expected to participate in group activities and gain experience in research techniques, individually and as part of a group. **This course will be paired with Psychology CP. College credit may be earned through Seton Hall University.**

Students must complete all requirements as well as assignments and projects as assigned by the teacher. **College credit may be earned through Seton Hall University.**

1540 ECONOMICS CP CC **Semester** **11,12** **2.50 credits**

This course is designed to introduce students to the vital and basic concepts of economic systems and decision making. Topics of study include supply and demand, features of the American Economy, credit, savings and the stock market. Ultimately, students in Economics should expect to have a clearer sense of the economic world in which they participate as well as an enhanced ability to make more informed decisions. **This course will be paired with Financial Literacy CP.**

VSOS1545 (SS) FINANCIAL LITERACY CP **Semester** **11,12** **2.50 credits**

Prerequisites: World History, U.S. History I and Economics CP CC.

The focus of this course is to prepare students for the financial decisions they face now and in the future. Students will be introduced to the world of money management and finance. Students will learn about banking (checking, savings, loans), the credit system, stocks, bonds, insurance, taxes, budgeting, financial goals and planning, managing debt, bankruptcy, housing (buying, selling, renting, mortgages), and decision making regarding their personal and business finances. The course will include key financial events in history, including the creation of the Federal Reserve System, the Stock Market Crash of 1929, and the financial funding for both World Wars. **This class is a graduation requirement beginning with the class of 2014. This course will be paired with Economics CP.**

1605 EUROPEAN HISTORY AP **Full Year** **11,12** **5.00 credits**

Prerequisites: Teacher Recommendation and Social Studies Supervisor.

The study of European History since 1450 introduces students to cultural, economic, political and social developments that played a fundamental role in the shaping of the world. This course will help develop an understanding of some of the principle themes in Modern European History. Students will develop an ability to analyze historical evidence, historical interpretation and an ability to express historical understanding in writing. **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP test.**

1600 UNITED STATES GOVERNMENT & POLITICS AP **Full Year** **11,12** **5.00 credits**

Prerequisite: Teacher recommendation required.

This course is taught at a college level. The knowledge and skills needed, will be more complex and at a higher level of difficulty than those required in the CP level classes. Student will be required to write frequently on the topics under study. This will include document-based essay questions, free response essays, thesis statements and research, etc. Students will be required on a regular basis to read and to interpret primary source documents and secondary materials such as maps, charts, posters, political cartoons, etc. and work with the art of historical analysis. Students will be prepared for the AP examination in United States Government and Politics. **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP test. This course is offered on even numbered years (Fall – 2016, Fall -2018).**

V1620 COMPARATIVE GOVERNMENTS & POLITICS AP **Full Year** **11,12** **5.00 credits**

The focus of this course is an in-depth analysis of the forces and concepts behind the various ideologies which have arisen in history and examines the interplay of these forces in the world of international politics. An evolutionary examination of these political ideologies will be provided including the building of a theoretical foundation involving both institutional and behavioral factors. The students will be required to write frequently on the topics under study. These will include document-based essay questions, free response essays, thesis statements and research, etc. This course is taught on a college level. The knowledge and skills needed will be more complex and at a higher level of difficulty than those required in CP level classes. **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP test. This course is offered on odd-numbered years (Fall 2017, Fall 2019, etc.)**

SPECIAL SERVICES

COMPREHENSIVE EDUCATION PROGRAMS

The Comprehensive Education Program offered through the Special Services Department is designed to prepare students for independent adult lives. Emphasis is placed on the development of skills needed to function competently in the job world and in the community. The focus of the curriculum will be to prepare students to demonstrate proficiency in the New Jersey Core Curriculum Content Standards as measured by the PARCC or Dynamic Learning Maps. Functional academics in the areas of Language Arts, Mathematics, Science and Social Studies will be infused into the curricula to concretely show the application of these skills in real-life applications. In addition, these courses will teach the personal skills and strategies students will need to develop inter/intrapersonal competencies necessary for coping with various life experiences. Students will have opportunities to explore and develop friendships, experiment with a variety of social roles, and to experience control over their lives and responsibility for their actions.

VSPS9400 PREPARATION FOR CITIZENSHIP-PRE DILS Full Year 9,10,11,12 5.00 credits

This course will utilize and study environments frequented by students and families to facilitate generalizing skills into real-life situations. Proper behavior in public places, using public transportation, developing an awareness of physical wellness, and learning about citizenship rights and responsibilities are just a few of the topics studied in this course. Academics in the areas of Language Arts, Mathematics, Science and Social Studies which are fundamental to the study of citizenship have been infused into the curriculum of this course.

VSPS9506 CAREER/VOCATION Full Year 9,10,11,12 5.00 credits

This course will focus on the educational stages of career development: awareness, exploration, preparation and training. Students will demonstrate the academic and skill training necessary to obtain and maintain a job. Some of the topics students will study are: effective communication on the job, completing job applications, appropriate dress and behavior for an interview and/or job, and selecting appropriate employment. Academics in the areas of Language Arts, Mathematics, Science and Social Studies which are fundamental to the study of careers and in the development of skills and attitudes necessary for success in the work world have been infused into the curriculum of this course.

**VSPS9420 DEVELOPING INDEPENDENT LIFE SKILLS Full Year 9,10,11,12 10.00 credits
(requires one or two class periods)**

This course will emphasize the development of self-help skills necessary for participating fully in all areas of the home environment critical for functioning as an independent adult. Students will learn personal management skills such as budgeting and developing an ability to determine essential needs versus non-essential items. Examples of topics studied in this course are: understanding simple business writing necessary for everyday living, and locating resources in the community. In addition, this course will be based on a simulated work environment to introduce, practice and review pre-vocational and vocational skills.

Academics in the areas of Language Arts, Mathematics, Science and Social Studies which are fundamental to the development of independent life skills have been infused into the curriculum of this course.

VSPS9430 SURVEY OF PRACTICAL ARTS MENTOR PROGRAM Full Year 9,10,11,12 5.00 credits
Prerequisite: Teacher Recommendation.

This course is designed to meet the needs of students who have difficulty in the mainstream areas of industrial arts, art, and career and technical education but have an interest in these electives. The course will incorporate the use of academics in order to develop students' creativity, and expand abstract thought processes. This course will emphasize a life skills approach in each area. Core Curriculum Content Standards will be addressed as prescribed within the student's IEP.

VSPS9440 PREPARATION FOR LIFE SKILLS Full Year 9,10,11,12 20.00 credits

This course is conducted in a self-contained environment and will lead to students being instructed in the fundamentals of living in the world today. It is open only to those who have the recommendation placed in their IEP.

The Pull Out Resource Center offers a variety of courses in the major subject areas of Mathematics, English, Science and Social Studies. These courses, similar in content to those offered in the mainstream, have been modified to provide the opportunity of academic success for students who have demonstrated the need for replacement instruction.

VSPS9507 (SPS) FINANCIAL LITERACY Semester (Fall) 9,10,11,12 2.50 credits

This course is designed to promote personal and financial responsibility related to financial planning, savings, investment, and charitable giving in the global economy. Students will learn to take responsibility for personal financial decisions, summarize major consumer protection laws, develop a plan for spending and saving and developing a system for keeping and using financial records. Applying consumer skills to purchase decisions including developing a personal financial plan, maintain creditworthiness, borrow at favorable terms, and manage debt. *Graduation Requirement beginning with the Class of 2014.*

VSPS9442 PATHWAYS TO THE FUTURE Semester (Spring) 9,10,11,12 2.5 credits

This course invites students to explore opportunities and requirements in planning for their future goals. Students will be able to explore career goals and consider a plan and timetable including educational and training requirements, and possible costs. Students will identify personal interests and aptitudes related to careers including analyzing how economic, social-cultural, and political conditions can affect income and career potential. Students will be able to identify the educational and training requirements. Students will research how to find and apply for jobs, create a personal resume, develop interviewing techniques, and analyze the application process.

VSPS99590 STUDY SKILLS 9 Full Year 9 5.00 credits

This course provides reinforcement of skills taught in science, math, English, and history general education classes. Students will receive assistance in completing assignments and taking tests. This course is designed to help students to be more successful in their general education courses.

VSPS99620 STUDY SKILLS 10,11,12 Full Year 10,11,12 5.00 credits

This course provides reinforcement of skills taught in science, math, English, and history general education classes. Students will receive assistance in completing assignments and taking tests. This course is designed to help students to be more successful in their general education courses.

MATHEMATICS

VSPS9595 BASIC MATH Full Year 9,10,11,12 5.00 credits

This course is designed to meet the needs of students who have difficulty in the area of mathematics and who need to further develop basic life and math skills. Students will learn basic addition, subtraction, multiplication, division, fractions and decimals. This course is designed for students who are assessed through Dynamic Learning Maps and who are exempt from taking the PARCC.

VSPS9500 PRE-ALGEBRA **Full Year** **9** **5.00 credits**

Pre-Algebra is a required course for those students who are in need of additional math skills in order to take the High School Graduation required course of Algebra I. This course will focus on the basics of Algebra and Geometry. Terminology, vocabulary, writing, and basic operations are stressed. This course will address the core curriculum content standards as prescribed in the student's IEP.

VSPS9501 ALGEBRA I **Full Year** **9,10,11** **5.00 credits**

Operational skills and concepts are developed as an out-growth of the system of real numbers. Emphasis is on the development of abstract reasoning and problem-solving skills. The components of this course are included on the PARCC. This course will address the core curriculum content standards as prescribed in the student's IEP.

VSPS9505 ALGEBRA II **Full Year** **11,12** **5.00 credits**

Prerequisites: Applied Geometry POR or Geometry POR

Emphasis in this course is on extension of concepts, principles and operations which have been developed in the study of Algebra I. Graphing calculators will be used. NOTE: New Jersey State Colleges now require Algebra II of all students prior to admission.

VSPS9502 APPLIED GEOMETRY **Full Year** **10,11,12** **5.00 credits**

Prerequisite: Successful completion of Algebra I.

This course will take a practical, hands-on approach to the study of Euclidean geometry. Emphasis will be on every day applications of geometry concepts. Euclidean geometry is the core around which major themes of this course are organized. In addition, this course includes logical sequence, geometry applications of algebra, and the use of transformations and constructions. This course will address the core curriculum content standards as prescribed in the student's IEP.

VSPS9551 MATHEMATICS FOR MODERN LIVING **Full Year** **12** **5.00 credits**

Prerequisites: Algebra and Geometry or its equivalent

This course will assist students in improving their computational skills by applying them to real-life experiences. Students will be provided with individualized and small group instruction. Taxes, wages, banking, making consumer decisions, auto insurance, housing and utility costs, health and life insurance, commercial transportation, and loans are some of the topics covered in this course. This course will address the Core Curriculum Content.

ENGLISH

VSPS 9612 LIFE SKILLS ENGLISH **Full Year** **9,10,11,12** **5.00 credits**

This course is designed to meet the needs of students who have difficulty in English and who need to further develop basic life reading and writing skills. Students will focus on site vocabulary, decoding and basic writing skills necessary for career and vocational readiness. This course is designed for students who are assessed through the Dynamic Learning Map Assessment process and who are exempt from taking the PARCC.

VSPS9605 ENGLISH I **Full Year** **9** **5.00 credits**

This is a recommended English course for those ninth grade students identified by the IEP Team as having difficulty in mastering grade level reading and writing skills. This course will focus on providing high interest literary selections and a comprehensive language skills program. Emphasis will be placed on fulfilling the Core Curriculum Content Standards assessed on the PARCC as prescribed in the student's IEP.

VSPS9606 ENGLISH II **Full Year** **10** **5.00 credits**

This is a required English course for those tenth grade students who have been identified by the IEP Team as having difficulty mastering grade-level reading and writing skills. This course will focus on high interest literary selections and a comprehensive language skills program. Emphasis will be placed on fulfilling the Core Curriculum Content Standards assessed on the PARCC as prescribed in the student's IEP.

VSPS9607 ENGLISH III **Full Year** **11** **5.00 credits**

This is a required English course for those eleventh grade students who have been identified by the IEP Team as having difficulty mastering grade-level reading and writing skills. This course will focus on high interest literary selections and a comprehensive language skills program. This course will address the Core Curriculum Content Standards as prescribed within the student's IEP.

VSPS9609 ENGLISH IV **Full Year** **12** **5.00 credits**

This course is a continuation of the English III course. Continued emphasis is placed on strengthening basic skills in reading, writing and in public speaking. Students will have the opportunity to work closely with their teacher to develop essential communication skills necessary for independent living as adults. This track will address the Core Curriculum Content Standards as prescribed within the student's IEP.

SCIENCE

VSPS9701 GEO SCIENCE (With Lab) **Full Year** **9** **6.00 credits**

This course is a study of the earth and the physical and chemical laws that govern it. Course content includes astronomy, physical and historical geology, oceanography, atmospheric science and the effect of humans on the earth, oceans, and the atmosphere. Observational and investigative activities will be integrated throughout the units of study. This course will address the Core Curriculum Content Standards as prescribed within the student's IEP.

VSPS9710 BIOLOGY (With Lab) **Full Year** **10,11,12** **6.00 credits**

Students will study topics such as the structure of living things, the human body, simple to complex animals, simple to complex plants, living processes, microbiology and the organism in relation to its environment. Special attention will be given to the development of reading and study skills in the content area as well as the Core Curriculum Content Standards as prescribed in the student's IEP.

VSPS9720 PRINCIPLES OF CHEMISTRY AND PHYSICS (With Lab) **Full Year** **11,12** **6.00 credits**

Prerequisites: Successful completion of Geo Science and Biology

Course content and activities in this class will cover the major topics in both chemistry and physics. This course will address the Core Curriculum Content Standards as prescribed in the student's IEP.

VSPS9520 SCIENCE FOR LIFE **Full Year** **11,12** **5.00 credits**
Prerequisite: 2 years of Science

Science for Life is designed for those students who have successfully completed courses in Geo Science and Biology. **This course is in addition to the science requirement of three years of science for a high school diploma (elective only).** Each student must demonstrate a minimum competency level of 65%. Competencies will be measured by way of evaluation program consisting of teacher observations of student performance, tests, quizzes, laboratory work, homework, projects, reports, class participation, as well as class attendance in accordance with the high school's attendance policy.

Topics will include but are not limited to: Measurement, Nutrition, Weather, Landscaping and Horticulture. In this program, students are introduced to various topics that will guide them in using science in everyday life. Emphasis will be placed on hands on application of concepts.

SOCIAL STUDIES

VSPS9800 WORLD HISTORY **Full Year** **9** **5.00 credits**

This course gives a general overview of world history from the European age of exploration to the Modern period. Emphasis will be placed on individualizing instruction to enhance the potential for academic success. Activities and assignments are designed to improve basic reading, writing, and organizational skills. This course will address the Core Curriculum Content Standards as prescribed within the student's IEP.

VSPS9810 U.S. HISTORY I **Full Year** **10,11,12** **5.00 credits**

This course satisfies the first year of the state of New Jersey requirements for United States History. The course begins with a study of the early Indian civilizations and concludes with the closing of the frontier in the 1870's - 1880's. Emphasis will be placed on individualizing instruction to enhance the potential for academic success. Activities and assignments are designed to improve reading, writing, organizational skills, and public speaking. This course will address the Core Curriculum Content Standards as prescribed within the student's IEP.

VSPS9820 U.S. HISTORY II **Full Year** **11,12** **5.00 credits**

This course fulfills state requirements in New Jersey for United States History. The course begins with a study of the Age of Industrialization and ends in modern time. Emphasis will be placed on individualizing instruction to enhance the potential for academic success. Activities and assignments are designed to improve reading, writing, organizational, and public speaking skills. This course will address the Core Curriculum Content Standards as prescribed within the student's IEP.

VSPS9830 U.S. HISTORY III & GLOBAL STUDIES **Full Year** **12** **5.00 credits**

Prerequisite: World History, U.S. History I, and U.S. History II

This course will study key events in post-World War II America and throughout the world. It will begin with the late 1940s and continue to modern day. Key areas of emphasis will be: the Cold War (including containment and the Domino Theory), the Korean War, Baby-boom generation, economic boom of the 1950s, Space race between the U.S. and Russia, the Vietnam War, J. F. Kennedy's New Frontier, L. B. Johnson's Great Society, the turmoil of the 1960s (war, drugs, protests, music, assassinations, women's rights, Martin L. King, Jr. and equal rights, the Nixon years (China, Watergate), recession of 1970s, the Reagan years, the reunification of Germany and the break-up of the Soviet Union, the first and second Persian Gulf war, terrorism (9/11) and globalization today. This course will focus on the last fifty years of American history, with constant global connections. This is a full year Social Studies elective which also may be used in place for non-completion of community service hours.

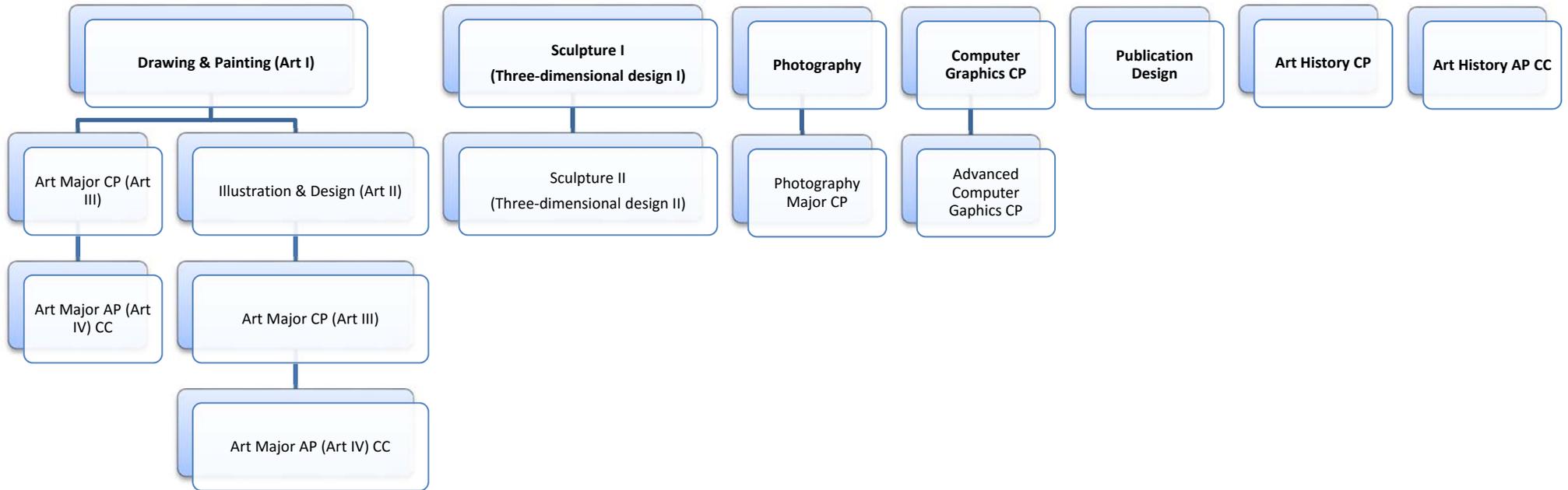
WORLD LANGUAGE

VSPS3204 SURVEY OF WORLD LANGUAGE **Full Year** **9,10,11,12** **5.00 credits**

The purpose of this course is the exploration and exposure of the students to basic language concepts in German, French, Spanish, and Italian. The students will learn how to count, name colors, the days of the week, months, basic weather vocabulary, etc. The main focus however, is the cultural component of the class which allows the students to explore language through a variety of hands-on activities like baking, crafts, singing, and a variety of internet based tasks.

VISUAL ARTS DEPARTMENT

2016-17 COURSE OFFERINGS



6040 ART HISTORY AP CC **Full Year** **10,11,12** **5.00 credits**
Prerequisite: Students must be willing to work at a challenging academic “advanced placement” (college) level.

The Art History AP course is designed to provide the same benefits to students as those provided by an introductory college course in art history. The focus of the course is on developing an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In this course, students examine major forms of artistic expression from the past and present from a variety of cultures. Students will learn to look at art critically, with intelligence and sensitivity, and to analyze what they see. The class includes detailed preparation for the Art History Advanced Placement Examination. **A summer project is required which will be due on the first day of class and graded as a major test. It is expected that students enrolled in this course will apply to take the AP exam.**

6100 ART MAJOR CP (ART III) **Full Year** **11,12** **5.00 credits**
Prerequisites: At least two previous art courses, one being Drawing and Painting (Art I) or instructor approval.

Each student will work independently on assignments in selected areas of fine arts with the direction of the instructor. Art research and readings are an integral part of the course. The students must participate in art shows as exhibitors whenever possible and will be expected to design and install mini-exhibits. The art major program is provided for those students who love the making of art and plan to attend art school, study art on the university level, or work directly in the art field or a related field. Important objectives of the course are to develop a complete portfolio that may be used for job or school applications and to maintain a sketchbook. Each student will receive a sketchbook which will primarily be used for artwork outside of the classroom (homework). There will be a \$20 studio fee due to the material expense related to portfolio development.

6120 ART MAJOR AP (ART IV) CC **Full Year** **12** **5.00 credits**
Prerequisite: Art Major CP (Art III).

This Advanced Placement course is designed to provide a near authentic college class experience as well as the opportunity to earn college credit. Each student is expected to adhere to the digital portfolio requirement of the class. The portfolio is comprised of three components all showcasing the student’s original work: the quality section holds the student’s absolute best works (5 minimum), 12 works of various media for the breadth section and 12 works to demonstrate a theme specific exploration for the concentration section. The portfolio is submitted to the College Board AP for evaluation in May. As in all AP courses, summer assignments are given out the previous June and are expected for turn in the first week back to school in September. There is a \$20 studio fee assessed due to the material expense related to portfolio development.

V6219 PHOTOGRAPHY **Full Year** **10,11,12** **5.00 credits**
Prerequisites: It is imperative that each individual student has access to their own 35mm camera in order to complete home assignments. There is a \$20 studio fee towards the purchase of film and paper for each student.

This course is intended for the novice or beginning photographer with variations provided to accommodate the more advanced student. Students will utilize the elements and principles of good artistic design as they relate to photography. Students will develop their technical skills in the use of a 35mm camera to develop strong visual compositions. All students will learn the history of photography, darkroom methods, and operation of a 35mm camera, film development, and black and white film procedures. In the second half of the year, we will be expand on the techniques already learned and also begin to add creativity to your photographs. Students will learn the basics of Adobe Photoshop and its application in modern photographic editing, photo retouch, manipulation, etc.

6220 PHOTOGRAPHY MAJOR CP **Full Year** **11,12** **5.00 credits**
 Prerequisite: Photography and a 35mm camera.

Each student will work independently in selected areas of fine and commercial photography with the approval of the instructor. Research and readings are an integral part of the course. The student is encouraged to study contemporary photography through reading journals, magazines, books and by attending gallery and museum shows. Students will be expected to participate in shows as exhibitors whenever possible and to design mini- exhibits. An important objective will be to develop a portfolio of high quality photographs that reflect a personal vision or direction as well as technical and artistic skills. There will be a \$20 studio fee due to the material expense related to portfolio development.

6310 PUBLICATION DESIGN **Full Year** **12** **5.00 credits**
 Prerequisites: Permission of the instructor and letter of recommendation from a teacher in your area of strength

Development of the modern theme, the structure of a book, layout design, graphics, typography, reporting, writing copy, editing, proofreading, cropping, photography, and word processing are taught in the process of publishing the high school yearbook. A balanced budget with its record keeping and financial campaigns are included. Good typists, writers, artists and photographers are especially welcome.

VVIA6040 COMPUTER GRAPHICS CP **Full Year** **9,10,11,12** **5.00 credits**

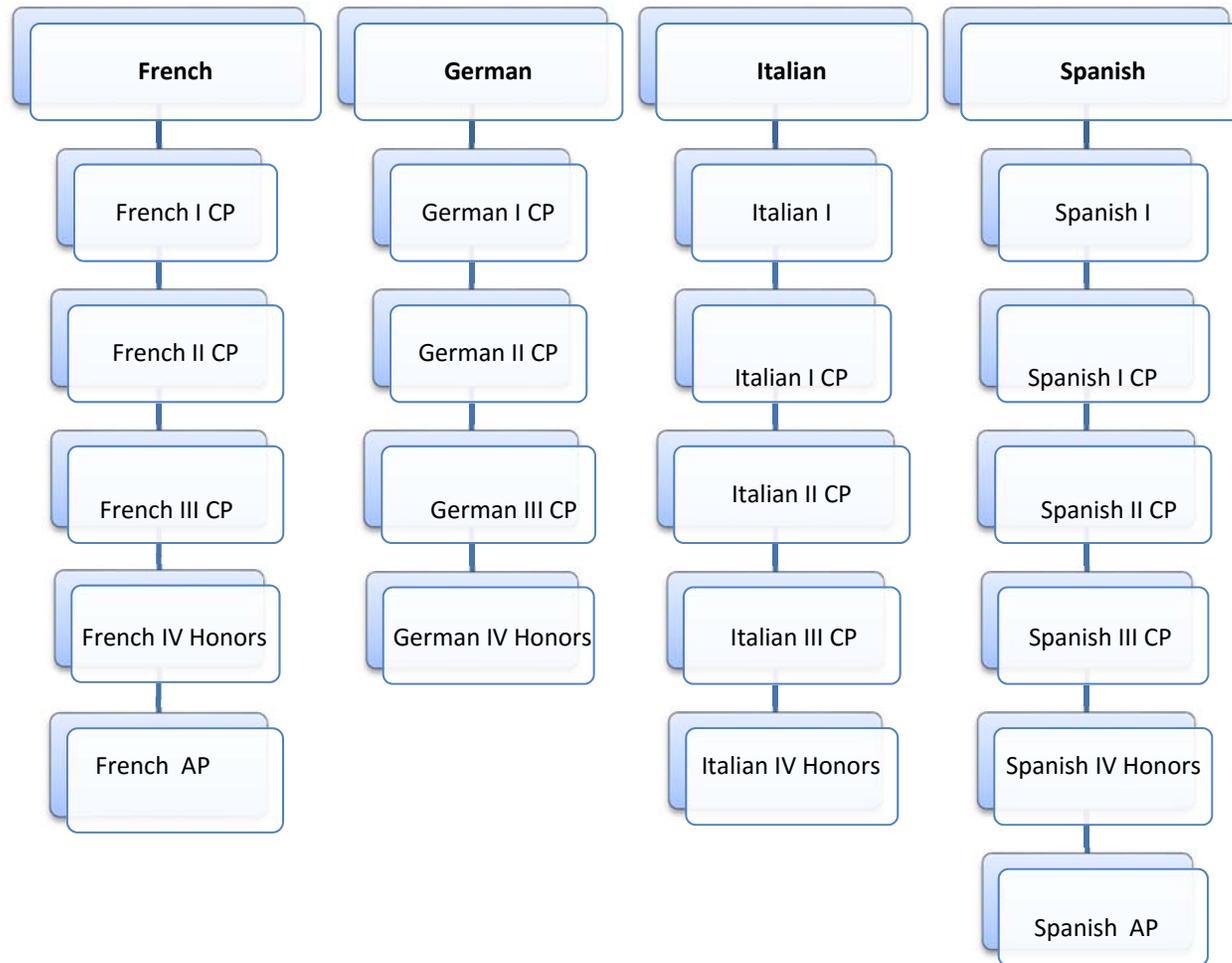
Computer Graphics CP offers experience in working with computers and computer art applications. The students explore a variety of programs and disciplines of computer- generated art. The principles of design are studied for the planning of all projects. The history of art, design, and photography are included in the program to broaden the base of each student's ideas of design and art. Students are exposed to a variety of programs that are used in the art and design world. These programs may include Adobe Photoshop, Adobe Illustrator, Animation Programs and Adobe Indesign. These are the basic types of programs that are used in all collegiate art departments and all these programs are used in photo studios, animation studios, painting studios and all advertising/design firms.

VVIA6060 ADVANCED COMPUTER GRAPHICS CP **Full Year** **10,11,12** **5.00 credits**
 Prerequisites: Successful completion of Computer Graphics CP and instructor approval.
(May be Repeated)

This course is designed for students who have successfully completed Computer Graphics I CP, and who wish to further their knowledge of using the computer as a design tool. The focus of this course is to provide students with an opportunity to create, print and present polished art for a well-rounded art portfolio. Students are introduced to more complex tools and commands within the graphic software and to Video Editing Software. This software is used to produce montages and presentations, as well as advanced designed projects.

WORLD LANGAUGE DEPARTMENT

2016-17 COURSE OFFERINGS



WORLD LANGUAGES

3010 FRENCH I CP **Full Year** **9,10,11,12** **5.00 credits**

French I is a proficiency and communicative-based introduction to foreign language learning. Auditory comprehension is emphasized and integrated with speaking, reading and writing. Classroom activities stress communication, cultural knowledge and interdisciplinary connections.

3030 FRENCH II CP **Full Year** **9,10,11,12** **5.00 credits**

Prerequisite: French I CP.

French II continues to emphasize oral communication, the ability to speak French with some fluency on various topics. There is a greater stress on reading and writing activities. Contemporary Francophone culture is studied with an emphasis on the life and customs of French speaking people.

3040 FRENCH III CP **Full Year** **10,11,12** **5.00 credits**

Prerequisite: French II CP - A minimum grade of 75% in French II is suggested but not required.

French III CP is an intermediate course which continues to emphasize oral communication and the ability to speak French with greater fluency. At this time emphasis is placed on developing conversational flexibility in a range of circumstances beyond immediate survival needs. Reading and writing skills are further developed. Contemporary francophone culture is discussed through an introduction to films, music, customs and food.

VWLA3070 FRENCH IV HONORS CC **Full Year** **11,12** **5.00 credits**

Prerequisites: French III CP with recommendation of instructor. A minimum grade of 80% from French III CP is recommended but not required.

French IV Honors is an advanced course which continues to perfect oral communication and the ability to speak fluently. Emphasis is placed on sustaining a sophisticated level of conversational ability. Various French historical periods and current life in France are studied. The students improve their writing ability in response to a stimulus or on a topic of their own choosing. Contemporary culture will continue to be explored. Students should be prepared for a more challenging program. **A summer project is required which will be due on the first day of class and graded as a major test.**

3090 FRENCH AP – CC **Full Year** **12** **5.00 credits**

Prerequisite: French IV Honors. A minimum grade of 85 in French IV Honors is recommended but not required.

French AP is an advanced course designed to prepare students for the French AP Language Proficiency Exam. The course is designed to perfect the student's speaking, reading and writing skills through the study of various topics and literary works. Students should be prepared for a more challenging and demanding program with the classes conducted in the target language. **A summer project is required which will be due on the first day of class and graded as a major test. Students have the option for attaining college credit for this course.**

3100 GERMAN I CP **Full Year** **9,10,11,12** **5.00 credits**

German I consists of a proficiency-based approach to world language, integrated with reading and writing activities. Emphasis is placed on learning to communicate in German as well as acquiring an introductory knowledge of the life and customs of the German people.

3120 GERMAN II CP **Full Year** **10,11,12** **5.00 credits**

Prerequisites: German I CP.

This intermediate course emphasizes oral communication, the ability to speak German with reasonable fluency on various topics. There is a greater stress on reading and writing activities.

3130 GERMAN III CP **Full Year** **11,12** **5.00 credits**
 Prerequisites: German II CP.

This is an intermediate course which continues to emphasize oral communication and the ability to speak German with greater fluency. At this time emphasis is placed on developing conversational flexibility in a range of circumstances beyond immediate survival needs. Reading and writing skills are further developed. Contemporary German culture is explored in greater depth.

VWLA3140 GERMAN IV HONORS **Full Year** **11,12** **5.00 credits**
 Prerequisite: German III CP. A minimum grade of 80 in German III CP is recommended but not required.

German IV is an advanced course which continues to perfect oral communication and the ability to speak fluently. Emphasis is placed on sustaining a sophisticated level of conversational ability. A comprehensive survey of major literary genre, including representative authors, is presented. The students improve writing ability in response to a stimulus or a topic of their own choosing. Contemporary culture continues to be explored. Students should be prepared for a more challenging and demanding program. **A summer project is required which will be due on the first day of class and graded as a major test.**

VWLA3205 SPANISH I **Full Year** **9,10,11,12** **5.00 credits**

This is proficiency and communicative based approach to learning a world language. Communication and acquiring cultural knowledge will be stressed. This course is designed only for those students desiring to meet the state mandated world language requirements for graduation and may not fulfill admission requirements for many four-year colleges.

3210 SPANISH I CP **Full Year** **9,10,11,12** **5.00 credits**

This course is offered to students to begin to develop the skills needed for communication in Spanish: hearing and understanding, speaking, reading and writing. Students become familiar with Hispanic customs and civilization through readings and classroom activities.

3230 SPANISH II CP **Full Year** **9,10,11,12** **5.00 credits**

Prerequisite: Spanish I CP or 8th Grade Full Year Graded program.
 (It is recommended that a minimum grade of 75 be earned in Spanish I to help ensure success.)

This is an intermediate course which continues to develop the skills learned in Spanish I. A review of the speaking and writing patterns is presented during the first part of the course. Later, there is a continued emphasis on auditory comprehension as well as speaking, reading and writing abilities. Students acquire an awareness of the Hispanic world from reading material dealing with the similarities and differences among the Hispanic nations. Their relationship to the U.S. is also discussed.

3240 SPANISH III CP **Full Year** **10,11,12** **5.00 credits**

Prerequisite: Spanish II CP.
 (It is recommended that a minimum grade of 75 be earned in Spanish II to help ensure success.)

This is an intermediate course which continues to emphasize oral communication and the ability to speak Spanish with greater fluency. At this time emphasis is placed on developing conversational flexibility in a range of circumstances beyond immediate survival needs. Reading and writing skills are further developed. Contemporary Spanish culture is explored in greater depth.

VWLA3270 SPANISH IV HONORS Full Year 11,12 5.00 credits

Prerequisite: Spanish III CP with recommendation of instructor.

(It is recommended that a minimum grade of 90 be earned in Spanish III CP to help ensure success.)

Spanish IV Honors is an advanced course which continues to perfect oral communication and the ability to speak fluently. Emphasis is placed on sustaining a sophisticated level of conversational ability. A comprehensive survey of major literary genres, including representative authors, is presented. The student should be able to write extemporaneously as a response to stimulus or on a topic of his own choosing. Contemporary culture continues to be explored. Students should be prepared for a more challenging and demanding program. **A summer project is required which will be due on the first day of class and graded as a major test.**

3290 SPANISH AP Full Year 12 5.00 credits

Prerequisite: Spanish IV Honors.

(It is recommended that a minimum grade of 90 be earned in Spanish IV Honors to help ensure success.)

This course is designed to provide the student with the skills and information needed to successfully complete the Spanish AP Exam in Language Structures. **It is expected that students enrolled in this course will apply to take the AP test.** Students will develop conversational skills by acquiring additional vocabulary and word usage practice within the contexts of various work-related areas. Students will increase their understanding of Spanish literature by a survey of some of the most representative writers in most genres. Writing skills will be developed both practically (letters, forms, outlines, articles) and formally (literary analyses, essays). Increased understanding of the cultures of the Spanish speaking world will also be achieved. Throughout the year, the course will adhere to the guidelines that are outlined in the course of study provided by the publishers of the AP exam. The discussions, the essays, and the cassette tapes used will prepare the students for the Spanish AP exam. All course work is done in the target language. **A summer project is required which will be due on the first day of class and graded as a major test.**

VWLA3400 ITALIAN I Full Year 9,10,11,12 5.00 credits

Italian I is a proficiency and communicative based approach to learning a foreign language. Communication and acquiring cultural knowledge will be stressed. This course is designed only for those students desiring to meet the state mandated world language requirements for graduation and may not fulfill admission requirements for many four-year colleges.

3410 ITALIAN I CP Full Year 9,10,11,12 5.00 credits

Italian I CP is a proficiency and communicative based approach to learning a foreign language. Auditory comprehension is emphasized and integrated with speaking, reading and writing. Classroom activities stress communication, cultural knowledge and interdisciplinary connections.

3420 ITALIAN II CP Full Year 10,11,12 5.00 credits

Prerequisite: Italian I CP.

Italian II CP continues to emphasize oral communication and interdisciplinary connections. This course also encourages the use of Italian with fluency in some topics. There is greater stress on reading and writing activities. The Italian culture is studied with an emphasis on the life and customs of the Italian-speaking people.

3430 ITALIAN III CP Full Year 11,12 5.00 credits

Prerequisite: Italian II CP.

Italian III CP is an intermediate course continuing the emphasis on oral communication with greater proficiency in the target language. The development of conversational flexibility in a range of circumstances beyond immediate survival needs is stressed, as is reading and writing competence. Contemporary Italian culture is explored in greater depth.

VWLA3460 ITALIAN IV HONORS**Full Year****11,12****5.00 credits**

Prerequisites: Italian III CP with recommendation of instructor.

Italian IV Honors is an advanced course, which continues to perfect oral communication and the ability to speak fluently. Emphasis is placed on sustaining a sophisticated level of conversational ability. A comprehensive survey of major literary genres, including representative authors, is presented. The student should be able to write extemporaneously as a response to stimulus or on a topic of his own choosing. Contemporary culture continues to be explored. Students should be prepared for a more challenging and demanding program. **A summer project is required which will be due on the first day of class and graded as a major test.**

NCAA ELIGIBILITY

Course Work Requirements For NCAA Athletics and NCAA Scholarships*

Academic Standards

The NCAA Eligibility Center verifies the academic and amateur status of all student-athletes who wish to compete in Division I or II athletics.

College-bound student-athletes who want to practice, compete and receive athletically related financial aid during their first year at a Division I or II school need to meet the following requirements:

- Graduate from high school.
- Complete a minimum of 16 core courses for Division I or 14 core courses for Division II. After August 1, 2013, student-athletes who wish to compete at Division II institutions must complete 16 core courses.
- Earn a minimum required grade-point average in core courses.
- Earn a qualifying test score on either the ACT or SAT.
- Request final amateurism certification from the NCAA Eligibility Center.

For Division I student-athletes who will enroll in August 2016 and later, the requirements to compete in the first year will change. In addition to the above standards, prospects must:

- Earn at least a 2.3 grade-point average in core courses.
- Meet an increased sliding-scale standard (for example, an SAT score of 1,000 requires a 2.5 high school core course GPA)
- Successfully complete 10 of the 16 total required core courses before the start of their senior year in high school. Seven of the 10 courses must be successfully completed in English, math and science.

Prospects that earn at least a 2.0 GPA but not a 2.3 GPA and meet the current sliding scale standard (for example, an SAT score of 1,000 requires a 2.025 high school core course GPA) will be eligible for practice in the first term and athletically related financial aid the entire year, but not competition. Freshmen who are academically successful in the first term will earn the ability to continue to practice for the remainder of the year.

Division III college and universities set their own admission standards. The NCAA does not set initial eligibility requirements in Division III.

For more detail about academic requirements visit the [Eligibility Center](#).