

SANDWICH HIGH SCHOOL
2013-2014
COURSE SELECTION
BOOKLET



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Sandwich High School 4-Year Plan College Preparatory
 Recommended subjects for students who plan to continue their education

<u>Freshman Year</u>	
<u>Course</u>	<u>Credit</u>
English I/Adv. English I	1
Algebra I/Adv. Geometry	1
Intro to Phys. Science/Biology I	1
Physical Education	1
Foreign Language _____	1
Social Studies _____	1/2
Social Studies _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

<u>Sophomore Year</u>	
<u>Course</u>	<u>Credit</u>
English II/Adv. English II	1
Geometry/Adv. Algebra II	1
Biology I/Chemistry I	1
Health	1/2
Driver's Education	1/2
Foreign Language _____	1
Social Studies _____	1/2
Social Studies _____	1/2
Speech	1/2
Elective/Study Hall _____	

<u>Junior Year</u>	
<u>Course</u>	<u>Credit</u>
English III/Adv. English III	1
American History/AP US History	1
Physical Education	1
Algebra II/Trig/Pre-Calculus (Adv).	1
Chemistry I/Bio II/Chem II	1
Social Studies _____	1/2
Social Studies _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

<u>Senior Year</u>	
<u>Course</u>	<u>Credit</u>
English IV/Adv. English IV	1
Consumer Education	1/2
Physical Education	1
Trig/Pre-Calculus (Adv)/Calculus	1
Biology II/Chem II/Physics	1
Government _____	1/2 (Class of 2015)
Elective _____	1/2
Elective _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

*23 Credits are required for graduation.

*2 semesters of elective classes MUST be Social Studies courses.

*2 semesters of elective classes MUST be humanities or vocational education.

Sandwich High School 4-Year Plan General/Technical Curriculum

<u>Freshman Year</u>	
<u>Course</u>	<u>Credit</u>
English I	1
Math _____	1
Science _____	1
Physical Education	1
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

<u>Sophomore Year</u>	
<u>Course</u>	<u>Credit</u>
English II	1
Math _____	1
Science _____	1
Health	1/2
Driver's Education	1/2
Speech	1/2
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

<u>Junior Year</u>	
<u>Course</u>	<u>Credit</u>
English III	1
American History	1
Physical Education	1
Math _____	1
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

<u>Senior Year</u>	
<u>Course</u>	<u>Credit</u>
Consumer Education	1/2
Physical Education	1
English IV	1
Government _____	1/2 (Class of 2015)
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective _____	1/2
Elective/Study Hall _____	
Elective/Study Hall _____	

*23 Credits are required for graduation.

*2 semesters of elective classes MUST be Social Studies courses.

*2 semesters of elective classes MUST be humanities or vocational education.

DIRECTIONS:

List the courses you plan to take next year on a separate sheet of paper (check next page for requirements) or use the 4-year plan worksheet on page 1 or 2 and determine your total credit count.

All students must carry a minimum load of 6 credits per year. Students enrolled in IVVC must take two additional classes plus P.E. each semester.

FRESHMEN

Science (2 Semesters)	1 Credit
Math (2 Semesters)	1 Credit
English (2 Semesters)	1 Credit
Electives (4 Semesters)	2 Credits
Phys. Ed. (2 Semesters)	<u>1 Credit</u>
	6 Credits

SOPHOMORES

Drivers Ed. (1 Semester)	1/2 Credit
Health (1 Semester)	1/2 Credit
English (2 Semesters)	1 Credit
Speech (1 semester)	1/2 Credit
Math (2 Semesters)	1 Credit
Science (2 Semesters)	1 Credit
Electives (4 Semesters)	<u>2 Credits</u>
	6 1/2 Credits

JUNIORS

Am. History (2 Semesters)	1 Credit
English (2 Semesters)	1 Credit
Electives (4 Semesters)	2 Credits
Phys. Ed. (2 Semesters)	1 Credit
Math (2 Semesters)	<u>1 Credit</u>
	6 Credits

SENIORS

English (2 semesters)	1 Credit
Consumer Ed. (1 Semesters)	1/2 Credit
Electives (7 Semesters)	3 1/2 Credits
Phys. Ed. (2 Semesters)	<u>1 Credit</u>
	6 Credits

GRADUATION REQUIREMENTS

Graduates from Sandwich Community High School will have earned a minimum of 23 credits upon completion of their course work.

All students must carry a minimum load of 6 credits per year. Credits are earned by passing semester classes with a grade of A, B, C, or D.

The following items must be incorporated into the credit requirements for graduation:

1. Eight Semesters of English (4 Credits) - Including one semester of Speech (1/2 credit).
2. Four Semesters of Science (2 Credits) - Must include one life and one physical science
3. Six Semesters of Math (3 Credits)
4. Four Semesters of Social Studies (2 Credits) (Must include one credit in American History)
5. Six Semesters of Physical Education (3 Credits)
6. One Semester of Health Education (1/2 Credit)
7. One Semester of Consumer Education (1/2 Credit)
8. One Semester of Driver's Education (1/2 Credit)
9. One Semester of American Government (1/2 Credit) – Class of 2015 and later.
10. Two Semesters Chosen From:
 - a. Music
 - b. Art
 - c. Foreign Language or Vocational Education (1credit)

TO SUCCESSFULLY COMPLETE YOUR HIGH SCHOOL PROGRAM, THE FOLLOWING MUST BE ACCOMPLISHED:

1. **ENGLISH**—Students must complete a total of eight semesters of English to meet graduation requirements. They must pass English I or advanced English I (1 credit) their freshman year. Sophomores are required to pass English II or advanced English II (1 credit) and speech (1/2 credit) their sophomore year. Junior students are required to pass English III or advanced English III. Senior students are required to pass English IV or advanced English IV.
2. **SCIENCE**—Students must pass Physical Science, Biology, or Advanced Biology during their freshman year and must pass a science course their sophomore year. To complete this requirement, two semesters must be from a life science course and two semesters from a physical science course.
3. **MATHEMATICS**—All students must complete a total of six semesters of Math to meet graduation requirements. Students must pass Algebra I and a course containing geometry concepts in order to graduate.
4. **AMERICAN HISTORY**—Students must pass American history or Advanced Placement U.S. history during their junior year. A second social studies credit must be selected from the remaining social studies electives. The U.S. and Illinois Constitution tests are given in the American history classes and must be passed in order to be eligible for graduation.
5. **PHYSICAL EDUCATION**—Students must be enrolled in physical education every semester during their four years in high school, unless they meet the conditions for a waiver or are enrolled in health or driver's education. A "medical waiver" from physical education will verify that a student was medically unable to fulfill the physical education requirement. Students who are not physically able to complete a year of physical education (affidavit from a certified medical doctor) must enroll in another course to attain the required credits necessary for graduation.
6. **CONSUMER EDUCATION**--Students must pass a semester course of consumer education their senior year.
7. **DRIVER EDUCATION**--Students must pass a semester course of driver's education their sophomore year.

8. HEALTH--Students must pass a semester course of health education their sophomore year.
9. AMERICAN GOVERNMENT—Students must pass a semester course in American Government or AP Government junior or senior year. (Class of 2015 and later)
10. State law mandates that all students must have taken the Prairie State Achievement Exam to be eligible for graduation.
11. In determining the awarding of credits, all decisions are based upon the successful completion of a semester of course work with a grade of D or higher.
12. Sandwich High School will allow six credits of course work to apply toward graduation from correspondence schools and/or an area community college. This is primarily intended for students who have failed classes or are credit deficient. Students are permitted to take the following maximum numbers of outside credits per year. The guidance office must approve all courses: Freshmen: 1 Sophomores: 1 Juniors:2 Seniors: 2
13. Grading Scale: 90-100 A, 80-89 B, 70-79 C, 60-69 D, 0-59 F
Numerical Basis For Grade Point Average: A = 4.000, B = 3.000, C = 2.000, D = 1.000, F = 0.000
14. Junior-Senior students may consider Waubensee Community College on shared time basis with their high school program. Students **may not enroll** in classes that are available through Sandwich High School. They must petition to take part in this program.
15. The programs at the Indian Valley Vocational Center are available for juniors and seniors. Detailed descriptions are available on pages 34-37.
16. EARLY COMPLETION--Early completion will require a formal petition by the student and his/her parents, careful review of the student's education and career plans by the high school staff, and approval of the petition by the Board of Education. In every instance, graduation requirements must be met. It is the responsibility of the student to secure an application for early completion from the Guidance Department and then to arrange for the initial conference with school authorities. The application for early completion must be submitted by October 1 of their senior year. Students electing the early completion option must agree to accept the following conditions:
- To qualify for the early completion program at Sandwich High School, a student must have a minimum of seven semesters of high school attendance and must have fulfilled all graduation requirements by the conclusion of the school term and the early completion student may take part in the graduation ceremony with classmates.
 - Students electing the early completion option will have their GPA ranked with the class with which they entered high school.
 - The usual senior rights, privileges, and responsibilities will be expected from these seniors; however, participation in IHSA activities will be forfeited.
17. EARLY GRADUATION--Early graduation will require a formal petition by the student and his/her parents, careful review of the student's education and career plans by the high school staff, and approval of the petition by the Board of Education. The petition must be submitted to Sandwich High School by October 1 of the student's junior year. Students fulfilling all of these requirements and the required units necessary for graduation will be graduated and a diploma awarded at the time of the next scheduled graduation exercise. Students electing the early graduation option must agree to accept the following conditions:
- To qualify for the early graduation program at Sandwich High School, the student must have a minimum of six semesters of high school attendance.
 - Students electing the early graduation option will have their grade average and scholastic rank based with their graduating classmates.

- c. The usual senior (i.e. fourth year) privileges, rights, and opportunities will be forfeited due to the student's early graduation, i.e. valedictorian or salutatorian honors, participation in IHSA activities.

18. **STUDENT ELIGIBILITY FOR EXTRACURRICULAR ACTIVITIES** - in order to be eligible for extracurricular activities, a student must be passing a minimum of 4 regular credit courses (20 hours per week). A student also must have passed 4 regular credit courses the semester prior to his/her intended participation.

SCHEDULE CHANGES

Course selection at Sandwich High School begins in January and concludes in March. Schedules will be generated in May, and students can see their counselor regarding schedule change information. The student needs to make an appointment with a guidance counselor to discuss potential changes before the end of the school year. Students will have one opportunity to change classes and should make all necessary changes at that time. Counselors will not make multiple changes except in the cases listed below. Students should make every attempt to complete ALL schedule changes prior to the end of the current school year.

1. **NO SCHEDULE CHANGES WILL BE MADE AFTER THE FIFTH DAY OF SCHOOL, WITH THE FOLLOWING EXCEPTIONS AT THE BEGINNING OF EACH SEMESTER:**
 - A. Failure of required course necessary for graduation.
 - B. Enrolled in too few classes.
 - C. IVVC conflict.
 - D. School error.
 - E. Teacher request.
 - F. Administrative decision.
2. Students may add a class to a period they have a study hall, if the class has space and books are available.
3. Students failing the 1st semester of a year course will not automatically be dropped at the end of the semester. Teacher recommendations, achievement test scores, and other information will be used to determine if there is reasonable cause to drop a class. Requests must be made to the Guidance Department.
4. Requests to drop/add courses at the end of the 1st semester will not be made except for reasons stated in "3".
5. Students may drop a class up to the fifth week of the semester with a withdrawal – no credit or grade – if it is their 7th class. **STUDENTS WILL NOT BE PLACED IN ANOTHER COURSE, BUT WILL BE PLACED IN STUDY HALL ONLY.** Students dropping a class after the 5th week will receive an "F" for the semester.

COLLEGE INFORMATION

GENERALLY ACCEPTED GUIDELINES FOR ADMISSIONS PURPOSES:

1. You must be a graduate of an accredited (approved) high school. The North Central Accrediting Association accredits Sandwich High School.
2. General requirements
 - a. State of Illinois colleges and universities
 1. English (oral & written comm. & lit) 4 credits
 2. Social Studies (History & Government) 3 credits
 3. Mathematics (Algebra, Geometry, Algebra II) 3 credits
 4. Lab Science (Biology, Chemistry, Physics, Adv. Biology, Adv. Chemistry) 3 credits
 5. Humanities (Art, Foreign Language, Music) 2 credits
 - b. Junior college
 1. Completion of college assessment test in English and Math.

2. Specific subject requirements are generally not stipulated by a two-year junior college, but will be necessary if a student plans to transfer to a four-year college.
3. A combination of class rank, college entrance examinations, and high school subject requirements is used to determine admission for colleges. Colleges may vary in their entrance requirements, but the above academic credits will admit students to the majority of four-year colleges. If a student has selected a college, he/she must study the school's special requirements and plan his/her high school program accordingly.
4. It is important that students realize that the majority of those applying to college do so during the fall semester of their senior year. Because of this, their class rank for the initial application is based only on their freshman, sophomore, and junior grades. Each school year is important. Don't expect that good grades received only during your junior and senior years will automatically allow admittance to the chosen school.
5. In order to be certified eligible for college athletics, students must meet the following criteria:
 - a. Graduate from high school.
 - b. Earn a grade point average of at least 2.0 in the core curriculum courses.
(Please contact Guidance for core course definitions)
 - c. Earn a sum of scores of at least 68 on the ACT or 920 on the SAT.
 - d. Information on NCAA requirements is available below.
 - e. ACT must be taken on a national test day in addition to the exam given at SHS in April, along with the PSAE.
6. College visit days are available for juniors and seniors who need to visit colleges, universities, or trade and technical schools during the week. They may be taken from September through May 1, with the exception of the week before winter break and final exams. Students must see a counselor for the appropriate paperwork, have it completed two days prior to the college visit, and have a parent/guardian contact the office for approval.

NCAA Clearinghouse:

Students that are going to participate in athletics at Division I & Division II schools should become familiar with the NCAA and register at the NCAA Clearinghouse to verify eligibility. The NCAA has several core classes that are needed to qualify for the NCAA. Please visit the websites below for more information regarding NCAA athletic eligibility.

To register at the NCAA Clearinghouse please visit www.ncaaclearinghouse.net. More information is also available at www.ncaa.org on the NCAA organization.

VOCATIONAL EDUCATION AND SCHOOL (TRADE, BUSINESS, AND VOCATIONAL SCHOOLS)

WHEN SELECTING A VOCATIONAL SCHOOL, KEEP THE FOLLOWING IN MIND:

1. The school and its agents must be approved by the Office of the Superintendent of Public Instruction. Check with a Guidance Counselor.
2. The school must have the proper accrediting credentials.
3. Study the school catalog for information relating to curriculum and course study.
4. Visit the school to see for yourself the buildings, facilities, and activities.
5. Employers within our community can make suggestions and recommendations.
6. If you are considering more than one school, compare programs and cost.
7. When enrolling or signing a contract, be sure you understand the terms of the agreement or contract.

COURSE SELECTION

On the following pages you will find a short description of the courses offered at Sandwich High School. If you have any questions, ask your guidance counselor or teachers.

Students should be aware of the importance of selecting courses in a realistic manner. Avoid confusion in the future by planning your program in advance. All classes are open to males and females.

ENGLISH CURRICULUM

PLEASE READ THIS SECTION CAREFULLY. STARRED (***) COURSES ARE STRONGLY RECOMMENDED FOR THE ABOVE AVERAGE ENGLISH STUDENT.

- Freshmen are required to take English I or Advanced English I.
- Sophomores are required to take English II or Advanced English II and Speech.
- Juniors are required to take English III or Advanced English III.
- Seniors are required to take either English IV or Advanced English IV.
- Juniors and seniors can elect to take the following courses: Advanced Speech, Drama, Creative Writing, Mass Media, or Journalism.

FRESHMAN LITERACY

CREDIT: 1/2 per semester

GRADE PLACEMENT: 9

SEMESTER: Full Year

DESCRIPTION: This course is designed for freshman to improve reading and writing skills in a variety of settings. Students will be selected for this required course based on data from 8th grade testing. This is a one year course, but students will be allowed to test out at the end of 1st semester. This course does not meet requirements for graduation credits in English, but will be counted as an elective.

ENGLISH I

CREDIT: 1 - Required Course

GRADE PLACEMENT: 9

SEMESTER: Full Year

DESCRIPTION: This course emphasizes grammar, mechanics, usage, and vocabulary. Units on composition, short story, drama, poetry, and non-fiction also will be covered. Several novels and a research unit will be included in the course.

***ADVANCED ENGLISH I

CREDIT: 1

RECOMMENDATION: A or B in Middle School English and teacher recommendation

GRADE PLACEMENT: 9

SEMESTER: Full Year

DESCRIPTION: This course is designed to present challenging literature for freshmen planning to attend a four-year university. The course requires analysis of all forms of literature through written essays, journals, creative projects, tests, quizzes, and class discussion. The literature will provide ample opportunity to increase vocabulary and reading skills. This is an accelerated English course for students who should have received an A or B in 8th grade English, have taken adv. English in middle school, and are highly motivated.

ENGLISH II

CREDIT: 1 - Required Course

GRADE PLACEMENT: 10

SEMESTER: Full Year

DESCRIPTION: Students will write multi-paragraph essays: expository, comparison/contrast, narrative, descriptive, persuasive; they will also write a research essay. Students will also study literature and vocabulary as well as grammar and usage skills.

***ADVANCED ENGLISH II

CREDIT: 1

RECOMMENDATION: A or B in Freshman English and teacher recommendation

GRADE PLACEMENT: 10

SEMESTER: Full Year

DESCRIPTION: This accelerated class is designed for the student who is highly motivated and academically strong. Students will write multi-paragraph essays: expository, comparison/contrast, narrative, descriptive, persuasive; they will also write a research essay. Students will also study literature and vocabulary as well as grammar and usage skills.

SPEECH COMMUNICATIONS

CREDIT: 1/2

GRADE PLACEMENT: 10-12

SEMESTER: Either

DESCRIPTION: This is a required course for graduation and is recommended for sophomores. Students will study interpersonal communication, nonverbal communication, and listening skills. They will participate in interviews, group discussion and informative and persuasive speaking. They will become proficient in choosing and limiting topics, gathering research materials, and organizing effectively.

ENGLISH III

CREDIT: 1 - Required Course

GRADE PLACEMENT: 11

SEMESTER: Full Year

DESCRIPTION: This full-year class uses a chronological approach to the study of American literature. Students apply the changing times in America to the literature and analyze how the cultural and social environment helped to shape the literature of the times. Major papers are focused on literary analysis as well as minor writing assignments and journals. Major novels by classical and contemporary authors are studied.

***ADVANCED ENGLISH III

CREDIT: 1

RECOMMENDATION: A or B in Advanced English Courses and teacher recommendation

GRADE PLACEMENT: 11

SEMESTER: Full Year

DESCRIPTION: One semester of this course will emphasize the four genres of literature: poetry, short story, drama, and novel. It will include the literature of early American authors, contemporary authors, and Shakespeare. Through written analysis, it will emphasize the interpretation of literary elements: plot, character, theme, setting, and style. One semester will focus on standard English usage and grammar, composition skills, vocabulary, and literature. This course will help prepare students for college entrance essays and tests. It is designed for students who are planning to attend a 4-year college and are highly motivated.

***ADVANCED SPEECH - A CREATIVE WORKSHOP

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This college bound course is designed for the **advanced** student in speech and theater. Units consist of the 13 IHSA sanctioned individual events from speech team plus a children's touring show and debate. Students also will write critiques on plays read outside class.

DRAMA

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This course is designed for the student who wishes to become proficient in the performing art of theater. This essential background and training will help the student who will continue his/her education in this and many other related fields. It will expand on the techniques learned in the advanced speech class and will include units on the history of the theater, acting techniques, the genres of play production as well as critical analysis of three major plays of historical significance. Students will perform a one-act play and will critique plays that are read or viewed outside of class.

ENGLISH IV

CREDIT: 1
GRADE PLACEMENT: 12
SEMESTER: Full Year

DESCRIPTION: This course is designed for the student who plans to attend a 2-year college. The following units of study will be included: literature, functional writing, vocabulary, research, grammar, and usage skills.

***ADVANCED ENGLISH IV

CREDIT: 1
GRADE PLACEMENT: 12
SEMESTER: Full Year

DESCRIPTION: Students in this course will study a variety of genres associated with the development of British and world literature. The units will feature some of the most famous works representing every major period in British history, including the Middle Ages, Renaissance, Victorian, and Romantic. This course examines history's influence on the shaping of these classic works. In addition to 20 small papers, students will write two major papers. One paper will explore the influence of history on a work of British literature. The other will analyze a piece of world literature. Students will use the Internet as a research tool for several assignments. The texts, novels, papers, and assignments presented in this class will be challenging in order to prepare students for a 4-year college or university. Students should be highly motivated.

AP ENGLISH LANGUAGE AND COMPOSITION

CREDIT: 1
RECOMMENDATION: A in advanced English III
GRADE PLACEMENT: 12
SEMESTER: Full Year

DESCRIPTION: An AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects, as well as the way genre conventions and the resources of language contribute to

effectiveness in writing. While the AP English Language and Composition course assumes that students already understand and use standard English grammar, it also reflects the practice of reinforcing writing conventions at every level. The intense concentration on language use in the course enhances students' ability to use grammatical conventions appropriately and to develop stylistic maturity in their prose. Stylistic development is nurtured by emphasizing a wide-ranging vocabulary used appropriately and effectively; a variety of sentence structures, including appropriate use of subordination and coordination; logical organization, enhanced by specific techniques to increase coherence, such as repetition, transitions and emphasis; a balance of generalization and specific illustrative detail; and an effective use of rhetoric, including controlling tone, establishing and maintaining voice, and achieving appropriate emphasis through diction and sentence structure.

JOURNALISM I

CREDIT: 1
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: This course is designed for students who have an interest in journalism. Emphasis is on news writing. This will be done by producing articles for publication. Students will write stories about District 430 schools and must be able to gather material from other district schools. Units include story writing, layout design, photography, advertising, and newspaper production using computer programs. This elective course does not replace the required English curriculum. This class may be repeated.

JOURNALISM II

CREDIT: 1
RECOMMENDATION: Journalism I & Instructor Approval
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: Students must demonstrate writing competencies to be in this class. It is designed for students who have an interest in layout design, writing, photography, sales, and advertising for the yearbook. This class often requires time outside the regular school day to meet publisher's deadlines. Also, summer work may be required to complete the yearbook. Students will receive an incomplete until all of their deadlines are met. This class may be repeated for graduation credit; however, it does not replace the required English core curriculum.

CREATIVE WRITING

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This course is designed for students who have mastered structured essay writing. It encourages each student to develop his/her own voice. Genre writing will include poems, short stories, plays, and essays. Students will use exemplary writing as models. Presentation and publication will be a goal in this class. This is an elective course and does not replace the required curriculum.

MASS MEDIA

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This course will concentrate on 5 areas of the media-radio, television, news (television, newspapers), film, and art. Each media study will include a critical review of media samples and an analysis of the effect each media has on consumers. Group presentations and individual essays are required for each unit. As a final project, students will create their own media.

SOCIAL STUDIES CURRICULUM

INTRODUCTION TO SOCIAL STUDIES

CREDIT: 1/2

GRADE PLACEMENT: 9

SEMESTER: Either

DESCRIPTION: This is a one-semester course offered to freshmen students to introduce them to the many aspect of the social sciences. Units will include economics, sociology, geography, history, and political science.

WORLD CULTURES

CREDIT: 1/2

GRADE PLACEMENT: 9, 10

SEMESTER: Either

DESCRIPTION: This course will study the cultural, political, and physical structures of the major countries of the world.

MAPS, CHARTS, AND OUR PLANET

CREDIT: 1/2

GRADE PLACEMENT: 9, 10

SEMESTER: Either

DESCRIPTION: This course is a one-semester study of the geography of our planet. The emphasis will be on physical and regional geography. This is the study of the earth's natural features. Map skills will be used extensively during the semester.

PRACTICAL LAW

CREDIT: 1/2

GRADE PLACEMENT: 9,10

SEMESTER: Either

DESCRIPTION: The objective of this course is to develop an understanding of the basic concepts of the law. The course will stress the processes of the law and the ways in which the law affects you as an individual. It will also consider the many careers available in law enforcement.

WORLD HISTORY: ANCIENT TIMES (PREHISTORIC TO 1350 AD)

CREDIT: 1/2

GRADE PLACEMENT: 9,10,11,12

RECOMMENDATION: Students should have a B or better average in previous social science and reading courses.

SEMESTER: First Semester

DESCRIPTION: This is a college-bound course that deals with the growth of civilizations from early man to the Renaissance. The course dwells upon the achievements and advances that different people have contributed to society, and the influence of major events on the growth of the world.

WORLD HISTORY: MEDIEVAL TO EARLY MODERN TIMES (1350 – 1918)

CREDIT: 1/2

GRADE PLACEMENT: 9,10,11,12

RECOMMENDATION: Students should have a B or better average in previous social science and reading courses.

SEMESTER: Second Semester

DESCRIPTION: This is a college-bound course that deals with the growth of modern civilizations from the

Renaissance through World War II. The course dwells upon the achievements and advances that different people have contributed to society, and the influence of major events on the growth of the world.

AMERICAN HISTORY (THRU WW II)

CREDIT: 1 – REQUIRED COURSE

GRADE PLACEMENT: 11

SEMESTER: Full Year

DESCRIPTION: This course takes a theoretical and factual approach to the growth of our American democracy and diplomacy. It stresses the political, social, economic, and military development of the United States.

AP US HISTORY

CREDIT: 1

GRADE PLACEMENT: 11

SEMESTER: Full Year

DESCRIPTION: This course is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials- their relevance to a given interpretive problem, their reliability, and their importance- and to weigh the evidence and interpretations presented in historical scholarship. This course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format. (College Entrance Examination Board. Course Description: United States History. New York, New York. 2001.) Note: see explanation in AP Government on next page.

CURRENT EVENTS

CREDIT: 1/2

GRADE PLACEMENT: 11, 12

SEMESTER: Either

DESCRIPTION: This course is designed to acquaint the student with contemporary affairs, historical background, and possible future outcome. This course will deal with all phases of our current society. **Current Events cannot be repeated.**

SOCIOLOGY

CREDIT: 1/2

GRADE PLACEMENT: 10, 11, 12

RECOMMENDATION: Grade of B or better in previous Social Studies classes.

SEMESTER: Either

DESCRIPTION: This is a college-bound course and will deal with the study of human relationships. The course will take a very general look at man in modern society and how he relates to the social system. Topics to be covered are race relations, various forms of social deviance, social stratification, culture, cultural diversity, personality, adolescence, and adult development.

BEHAVIORAL SCIENCE

CREDIT: 1/2

GRADE PLACEMENT: 10, 11, 12

RECOMMENDATION: Grade of B or better in previous Social Studies classes.

SEMESTER: Either

DESCRIPTION: This is a college-bound course that is designed to introduce students to psychological concepts and theories. This course covers such topics as learning, cycle of life, roots of behavior, personality and individuality, adjustments in life, and psychological disorders.

ETHNIC HISTORY

CREDIT: 1/2

GRADE PLACEMENT: 12

SEMESTER: Either

DESCRIPTION: This is primarily a reading and writing course. Lectures, slide presentations, and films will be used to illustrate the arrival and migration of different ethnic minorities. A short unit on finding family roots also will be included.

AP GOVERNMENT AND POLITICS: US

CREDIT: 1/2

GRADE PLACEMENT: 12

RECOMMENDATION: American History or AP US History

SEMESTER: Either

DESCRIPTION: This course will give students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. government and politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U. S. government and politics. While there is no single approach that an AP United States Government and Politics course must follow, students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Certain topics are usually covered in all college courses. (College Entrance Examination Board. Course Description: Government & Politics: United States. New York, New York. 2010.) Note: for a fee of \$87, students have the opportunity to take an exam in May that will be worth the equivalent of one college course if passed.

AP GOVERNMENT AND POLITICS: COMPARATIVE

CREDIT: 1/2

GRADE PLACEMENT: 12

RECOMMENDATION: American History or AP US History

SEMESTER: Either

DESCRIPTION: The AP course in Comparative Government and Politics introduces students to fundamental concepts used by political scientists to study the processes and outcomes of politics in a variety of country settings. The course aims to illustrate the rich diversity of political life, to show available institutional alternatives, to explain differences in processes and policy outcomes, and to communicate to students the importance of global political and economic changes. Comparison assists both in identifying problems and in analyzing policymaking. In addition to covering the major concepts that are used to organize and interpret what we know about political phenomena and relationships, the course should cover specific countries and their governments. Six countries from the core of the AP Comparative Government and Politics course. China, Great Britain, Mexico, Nigeria, and Russia are all regularly covered in college-level introductory comparative politics courses. The inclusion of Iran adds a political system from a very important region of the world and one that is subject to distinctive political and cultural dynamics. By using these six core countries, the course can move the discussion of concepts from abstract definition to concrete example, noting that not all concepts will be equally useful in all country settings. (College Entrance Examination Board. Course Description: Politics and Government: Comparative. New York, New York. 2006.) NOTE: for a fee of \$87, students have the opportunity to take an exam in May that will be worth the equivalent of one college course if passed.

GLOBAL STUDIES

CREDIT: 1/2
GRADE PLACEMENT: 12
RECOMMENDATION: AP US History
SEMESTER: Either

DESCRIPTION: This course will focus on major global events in the past 40 years. It will include studies on genocide, the Aids crisis around the world, overpopulation, World hunger, using American foreign policy to address these issues. Geography of areas will also be studied.

MODERN AMERICAN HISTORY (BEYOND WW II)

CREDIT: 1/2
GRADE PLACEMENT: 12
SEMESTER: Either

DESCRIPTION: This class will cover post World War II to the present, including the Korean War , the Vietnam Conflict, changes during the 1960's, involving the Civil Rights movement and the counter culture movement.

WORLD HISTORY: Twentieth Century (1918 to the present)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This is for students seeking to improve their knowledge of modern world history. The class deals with world civilizations from World War I to the present with emphasis on war, diplomacy, trends, social history, and linking the past to the present.

SCIENCE CURRICULUM

Students need to be enrolled in a life science class **and** a physical science class during their freshman and sophomore years.

SEQUENCE OPTIONS

<u>Freshman Year</u>	<u>Sophomore Year</u>	<u>Junior/Senior Years</u>
A. Adv. Biology I	Chemistry I	Biology II/Chemistry II/Physics
B. Biology I	Chemistry I	Biology II/Chemistry II/Physics
C. Physical Science	Biology I/Adv. Biology I	Chemistry I/Environmental/Earth
D. Biology I	Physical Science	Chemistry I/Environmental/Earth

Biology II, Chemistry II, Earth Science and Environmental Science are electives available to juniors and seniors who have completed the sequence above. Physics is an elective available to seniors.

PHYSICAL SCIENCE (PHYSICAL SCIENCE)

CREDIT: 1
GRADE PLACEMENT: 9, 10
SEMESTER: Full Year

DESCRIPTION: Physical Science is an introduction to the physical sciences. The basics of chemistry, physics, and earth science will be explored. Emphasis is given to practical applications. Learning methods include, but are not limited to, lectures, labs, and class discussions. This course qualifies as a high school lab science credit.

BIOLOGY I (LIFE SCIENCE)

CREDIT: 1

GRADE PLACEMENT: 9, 10

SEMESTER: Full Year

DESCRIPTION: Biology I introduces the student to a variety of biological topics through lecture, laboratory, and other class activities. Emphasis is on relating the class material to the student's daily life. Human biology is stressed and examples are taken from human systems where possible. Biology I is designed to increase the student's understanding of himself and the world around him. This course qualifies as a high school lab science credit.

ADVANCED BIOLOGY I (LIFE SCIENCE)

CREDIT: 1

REQUIRED: B or higher in 8th Grade Science, enrolled in Algebra 1 or higher

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Advanced Biology I is a course intended for the academically oriented student. It is essential that the student be prepared to handle a large volume of complicated material and terminology. Laboratory exercises will illustrate concepts introduced in reading and class lectures. Topics include: taxonomy, biochemistry, cell structure and function, genetics, evolution, microbiology and infectious disease, human anatomy and physiology, and ecology. This course qualifies as a high school lab science credit.

CHEMISTRY I (PHYSICAL SCIENCE)

CREDIT: 1

REQUIRED: Students must be enrolled in or completed Algebra 1 with at least a C average AND complete either Biology I with at least a B average OR Advanced Biology I with at least a C average.

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Chemistry I is an introduction to the study of composition and structure of matter. Topics covered include measurements, organization of substances, chemical formulas, stoichiometry, atomic theory, periodic law phases of matter, thermodynamics, and chemical reactions. This course qualifies as a high school lab science credit.

BIOLOGY II

CREDIT: 1

REQUIRED: Students must have received a grade of C or above in Advanced Biology I or a B or above in Biology I and a grade of C or above in Chemistry I.

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: Biology II is an upper level course intended for the academically oriented student having a particular interest in the life sciences. The student must be prepared to handle a large volume of complicated material and terminology. Emphasis is on illustrating biological concepts using the human body as a model. Topics include biochemistry, cytology, histology, and human anatomy and physiology. This course qualifies as a high school lab science credit.

CHEMISTRY II

CREDIT: 1
REQUIRED: Students must have completed Chemistry I with a grade of C or above.
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: Chemistry II provides a more detailed examination of some of the topics explored in Chemistry I as well as consideration of more advanced topics including organic chemistry and biochemistry. In addition to increased lab work, a science fair project is required of all Chemistry II students during the second semester. This course is strongly recommended for anyone planning future education in the sciences. This course qualifies as a high school lab science credit.

EARTH SCIENCE

CREDIT: 1/2
REQUIRED: Students must have passed both semesters of their required physical and life science courses.
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: Earth Science is a study of the scientific method, the composition of earth, surface processes on earth; including erosion, wind, glaciers, surface water, ground water, atmosphere, plate tectonics, and fossil formation. This course also looks at formation of the solar system and the sun-earth-moon system. This is an elective science course. This course qualifies as a high school lab science credit.

ENVIRONMENTAL SCIENCE

CREDIT: 1/2
REQUIRED: Students must have passed both semesters of their required physical and life science courses.
GRADE PLACEMENT: 11, 12

DESCRIPTION: Environmental Science is an elective science course focusing on the natural world and the environment. It will be a comprehensive class covering a variety of topics ranging from ecosystem interactions to human impact on various environmental systems. Students will investigate both the history of the environment and potential problems and solutions facing the environment today and in the future. This course qualifies as a high school lab science credit.

PHYSICS

CREDIT: 1
REQUIRED: Students must have completed trigonometry with a grade of C or above or currently be enrolled in advanced pre-calc/trig and have received a grade of B or above in Algebra 2.
GRADE PLACEMENT: 12
SEMESTER: Full Year

DESCRIPTION: This course introduces the student to the basic concepts of physics. Topics include measurement, graphical analysis, linear and two-dimensional motion, vectors, dynamics, waves and vibrations, sound, light, and electromagnetism. Students should have a strong math background and are expected to understand challenging mathematical applications. There will be a variety of projects required throughout the year, among them bridge building and the construction of a catapult. This course qualifies as a high school lab science credit.

MATHEMATICS CURRICULUM

ALGEBRA 1A (This is the first course in a two-year Algebra 1 sequence).

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, 12

SEMESTER: FULL YEAR

DESCRIPTION: This is a less intensive algebra course. It will build a solid foundation in the fundamentals of algebra to help prepare students for assessment success. It is a non-college bound course and **can only be followed by Algebra 1B**. Scientific calculators are required. The recommended scientific calculator is the TI-30XIIS.

ALGEBRA 1B (This is the second course in a two-year Algebra 1 sequence).

CREDIT: 1

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: This course, along with Algebra 1A completes the study of Algebra 1. It continues to build a solid foundation in the fundamentals of algebra to help prepare students for assessment success. It is a non-college bound course and is typically followed by Basic Geometry. Scientific calculators are required. The recommended scientific calculator is the TI-30XIIS.

ALGEBRA 1

CREDIT: 1

RECOMMENDATION: C or above in previous math course

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full year

DESCRIPTION: This course content will include the real number system (positive, zero, and negative numbers). Emphasis is placed upon solving of equations, graphing, work with functions, systems of linear equations, work with powers and roots, and an introduction into quadratic equations. The recommended graphing calculator is the TI-84 Plus Silver Edition.

ADVANCED ALGEBRA 1

CREDIT: 1

RECOMMENDATION: Instructor recommendation

GRADE PLACEMENT: 9

SEMESTER: Full Year

DESCRIPTION: A faster-paced Algebra 1 course designed for those students who completed Algebra 1 in 8th grade and need to strengthen their skills before enrolling in Advanced Geometry or for those who excelled in 8th grade math. The recommended graphing calculator is the TI-84 Plus Silver Edition.

BASIC GEOMETRY

CREDIT: 1

RECOMMENDATION: C or above in previous math course

GRADE PLACEMENT: 11, 12

SEMESTER: Full year

DESCRIPTION: This course builds a solid foundation in the fundamentals of geometry. There will be less emphasis on proofs and more emphasis on the concepts of geometry. It is a non-college bound course and **will not prepare a student to continue with Algebra 2.** Scientific calculators are required. The recommended scientific calculator is the TI-30XIIS.

GEOMETRY

CREDIT: 1

RECOMMENDATION: C or Above in Algebra 1

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Reasoning is the key to this course. It stresses forms of proof by using logical forms of argument. As the course proceeds, more and more algebra skills are needed in applying previously learned geometric concepts. The recommended graphing calculator is the TI-84 Plus Silver Edition.

ADVANCED GEOMETRY

CREDIT: 1

RECOMMENDATION: A or B in 8th grade Algebra 1 or instructor recommendation

GRADE PLACEMENT: 9, 10

SEMESTER: Full Year

DESCRIPTION: A faster-paced geometry course designed for those students who have been accelerated in mathematics. The recommended graphing calculator is the TI-84 Plus Silver Edition.

ALGEBRA 2

CREDIT: 1

RECOMMENDATION: C or Above in Geometry

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: The mathematical skills learned are now extended so that the students can work in the complex number system (which includes the real number system). The topics covered in Algebra 1 are reviewed and then extended so that they are covered much more in depth. Some new topics covered include quadratic relations and systems. The recommended graphing calculator is the TI-84 Plus Silver Edition.

ADVANCED ALGEBRA 2

CREDIT: 1

RECOMMENDATION: A or B in Advanced Geometry or Instructor Recommendation.

GRADE PLACEMENT: 10, 11

SEMESTER: Full Year

DESCRIPTION: A faster-paced Algebra 2 course designed for the serious math student who is planning to enroll in calculus. The recommended graphing calculator is the TI-84 Plus Silver Edition.

PRE-CALCULUS

CREDIT: 1/2

RECOMMENDATION: C or better in Algebra 2. A graphing calculator is required. A TI-84 Plus Silver Edition is recommended. A TI-83 also may be used. Instruction will be given on the use of these calculators. If a different model is chosen, student will be responsible for its operation. Use of a TI-89 or a TI-92 is prohibited.

GRADE PLACEMENT: 11, 12

SEMESTER: First

DESCRIPTION: This one-semester course emphasizes college algebra and theory of equations. It also includes matrices and vectors, series and sequences, polar coordinates and complex numbers, exponential and logarithmic functions. Limits, derivatives, and integrals will be briefly introduced. As time permits probability will be explored.

TRIGONOMETRY

CREDIT: 1/2

RECOMMENDATION: C or better in Algebra 2 and Pre-Calculus. A graphing calculator is required. A TI-84 Plus Silver Edition is recommended. ** A TI 83 also may be used. Instruction will be given on the use of these calculators. If a different model is chosen, student will be responsible for its operation. Use of a TI-89 or TI-92 is prohibited.

GRADE PLACEMENT: 11, 12

SEMESTER: Second

DESCRIPTION: An intensive study of the relationship of algebra and geometry. Concepts studied in detail include trigonometric functions, identities, and equations; radian measure; circular functions; logarithms; and solving triangles.

ADVANCED PRE-CALCULUS/TRIGONOMETRY

CREDIT: 1

RECOMMENDATION: A or B in Advanced Algebra 2 or instructor recommendation. A graphing calculator is required. A TI-84 Plus Silver Edition is recommended. A TI-83 also may be used. Instruction will be given on the use of recommended calculators. If a different model is chosen, student will be responsible for its operation. Use of a TI-89 or TI-92 is prohibited.

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: a full year course that includes college algebra and trigonometry. It is designed for those students who have been accelerated in mathematics. Trigonometric relationships will be studied in depth. Algebra 2 concepts will be extended; new topics to be studied are translations of graphs, fundamental theorem of algebra, probability, and polar coordinates.

CALCULUS

CREDIT: 1

RECOMMENDATION: B or better in pre-calculus and trigonometry or in advanced pre-calculus. A graphing calculator is required. A TI-84 Plus Silver Edition is recommended. A TI-83 may be used. Instruction will be given on the use of these calculators. If a different model is chosen, the student will be responsible for its operation. Use of a TI-89 or a TI-92 is prohibited.

GRADE PLACEMENT: 12

SEMESTER: Full Year

DESCRIPTION: A college level class intended for those students that have been in accelerated mathematics and will need calculus to complete their college curriculum. Topics include limits, continuity, derivatives and their applications, and integrals and their applications.

AP CALCULUS AB:

CREDIT: 1

RECOMMENDATION: A in advanced pre-calculus. Students must also be familiar with the properties of functions, the algebra of functions and the graphs of functions. Students must also understand the language of functions (domain and range, odd and even, periodic, symmetry, zeros, intercepts and so on) and know the values of the trigonometric functions at the numbers 0, $\frac{\pi}{6}$, $\frac{\pi}{4}$, $\frac{\pi}{3}$, $\frac{\pi}{2}$, and their multiples. A graphing calculator is required. A TI-84 Plus Silver Edition is recommended. A TI-83 may be used. Instruction will be given on the use of these calculators. If a different model is chosen, the student will be responsible for its operation. Use of a TI-89 or a TI-92 is prohibited.

GRADE PLACEMENT: 12

SEMESTER: Full Year

DESCRIPTION: A college level class intended for those students that have been in accelerated mathematics and intend to take the AP Calculus AB test in the spring in the hopes of gaining college credit. Topics include limits, continuity, derivatives and their applications, and integrals and their applications. An emphasis will also be placed on how to explain solutions to problems both verbally and in written sentences.

FOREIGN LANGUAGE CURRICULUM

THE FOLLOWING ARE RECOMMENDED FOR STUDENTS SEEKING TO LEARN A FOREIGN LANGUAGE: 1. STRONG DESIRE TO MASTER A FOREIGN LANGUAGE, 2. SELF-DISCIPLINE, 3. A GOOD UNDERSTANDING OF ENGLISH GRAMMAR.

*****It is strongly recommended to purchase a Spanish-English dictionary and a verb conjugation book to be used for all 4 levels of Spanish.**

SPANISH I

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: This beginning course utilizes the four language skills of reading, writing, listening, and speaking with an emphasis on the reading and writing skills. An introduction of the many Spanish-speaking countries and cultures is also covered. At the completion of this course, students will have acquired a command of the basic vocabulary and sentence structures, which will enable them to begin to effectively communicate in the Spanish language. A strong knowledge of English grammar is desirable in order to be successful in Spanish I. It is strongly recommended to purchase a Spanish-English dictionary and a verb conjugation book. Prices and locations will be available the first day of class. A 'C' or better is required to move on to Spanish II or instructor approval.

SPANISH II

CREDIT: 1

REQUIRED: Spanish I

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: This continuing course, again, utilizes the four language skills of reading, writing, listening, and speaking with an increased emphasis on the listening and speaking skills. The study of the many Spanish-speaking cultures and countries will also be continued. At the completion of this course students will have expanded their knowledge of vocabulary and gained a command of the advanced language structures needed to effectively communicate

in the Spanish language. A strong knowledge of English grammar and a strong foundation in Spanish I are desirable in order to be successful in Spanish II. It is strongly recommended to purchase a Spanish-English dictionary and a verb conjugation book. A 'C' or better is required to move on to Spanish III or instructor approval.

SPANISH III

CREDIT: 1
REQUIRED: Spanish II
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: This advanced course is designed to encourage fluency in speaking, to improve writing skills, and to enhance vocabulary expansion through the more advanced chapters of the text dealing more with phrases than individual vocabulary items. Other means of language acquisition might include the study of history, geography, and cuisine. The students also will be exposed to more films in Spanish with Spanish subtitles. Upon completion of the course, students will have gained a higher-level command of both the written and spoken Spanish language. A 'C' or better is required to move on to Spanish IV or instructor approval.

SPANISH IV

CREDIT: 1
REQUIRED: Spanish III
GRADE PLACEMENT: 12
SEMESTER: Full Year

DESCRIPTION: This advanced course is designed to encourage fluency in speaking, to improve writing skills, and to enhance vocabulary expansion through the introduction of authentic Spanish and Hispanic literature such as novels, short stories, and poetry. Other means of language acquisition might include the study of television, history, geography, and cuisine. Students also will be exposed to more films in Spanish with Spanish subtitles. Upon completion of this course, students will have gained a working command of both the written and spoken language.

FRENCH I

CREDIT: 1
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: This beginning course emphasizes oral comprehension and speaking skills, but learning to read and write the language correctly also is required. Some basic grammar is included which requires a strong understanding of English grammar to be successful in this course. Knowledge of French-speaking people and their culture is interwoven into the course, through the use of the text, slides, and discussion of current events.

FRENCH II

CREDIT: 1
REQUIRED: French I
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: Emphasis is placed on grammar, reading, and writing. All major tenses of verbs are introduced. At the completion of the course the students will have acquired a command of both basic vocabulary and grammar as well as an appreciation of the culture of the French-speaking world.

FRENCH III-IV

CREDIT: 1
REQUIRED: French II
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: The French III-IV course involves a review of grammar, readings on French culture and civilization in the foreign language, and an introduction to French literature. The course is also designed to improve fluency in speaking. Composition and vocabulary building through literature are also stressed. This course is designed to allow students credit in both French III and French IV. **A French-English dictionary is strongly recommended.**

PHYSICAL EDUCATION, DRIVERS EDUCATION, AND HEALTH CURRICULUM

PHYSICAL EDUCATION

CREDIT: 1
GRADE PLACEMENT: 9, 11, and 12
SEMESTER: Full Year

DESCRIPTION: Interwoven through the entire program is physical fitness and establishment of carry-over value. The curriculum covers a wide spectrum of team oriented and individual sports. Activities include, but are not limited to flag football, speedball, soccer, basketball, badminton, floor hockey, volleyball, square dancing, track and field, softball, tennis, bowling, and fitness testing.

FITNESS AND CONDITIONING

CREDIT: 1
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Either

DESCRIPTION: This is an intensive training course. Classes will strictly follow the Bigger, Faster, Stronger program, which has been designed for the athletically inclined student. Activities include weight training, sprints, and cardiovascular endurance training. Males and females alike that participate regularly in extracurricular sports are highly encouraged to enroll.

DRIVERS EDUCATION - CLASSROOM AND BEHIND THE WHEEL

CREDIT: 1/2
REQUIRED: Sophomore standing. Eligibility is granted to students who have received a passing grade in at least 8 courses during the previous two semesters.
GRADE PLACEMENT: 10
SEMESTER: Assigned by Birth Date

DESCRIPTION: To provide educational experiences which will give skill, knowledge, and proper attitudes necessary for efficient safety habits. **There is a fee for this class.** Parents may deny entry into this course until the student's 18th birthday.

HEALTH EDUCATION

CREDIT: 1/2 -REQUIRED COURSE
GRADE PLACEMENT: 10
SEMESTER: Either

DESCRIPTION: A course for all sophomores that covers the physical, mental, and social aspects of health with emphasis on behaviors that influence healthy lifestyles.

FINE ARTS CURRICULUM

CONCERT BAND

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11 and 12

SEMESTER: Full Year

DESCRIPTION: Study of instrumental music literature in a wide range of styles including classical, jazz, popular and program music. Activities include 4 required concerts per year and various voluntary activities including Marching Indians Football Band, Renegade Regiment Competition Band, Jazz Bands, Solo and Ensemble work, Pep Band and the spring musical. There is a fee for Concert Band.

WIND ENSEMBLE

CREDIT: 1

GRADE PLACEMENT: 10, 11 and 12 by audition

SEMESTER: Full Year

DESCRIPTION: Study of advanced instrumental music literature in a wide range of styles. Activities include 4 required concerts per year and various voluntary activities including Marching Indians Football Band, Renegade Regiment Competition Band, Jazz Bands, Solo and Ensemble work, Pep Band and the spring musical. There is a fee for Wind Ensemble.

INSTRUMENTAL MUSIC LEVEL 1

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, 12

SEMESTER: Full Year

DESCRIPTION: Beginning instruction on band wind instruments including flute, clarinet, trumpet, saxophone and trombone. Student will be required to procure an instrument.

CONCERT CHOIR

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, and 12 by audition

SEMESTER: Full Year

DESCRIPTION: Study of vocal music literature for mixed (male and female) voices in a wide range of musical styles. Activities include 4 required concerts per year and various voluntary activities including jazz choir, solo and ensemble and the musical.

TREBLE CHOIR

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Study of vocal music literature for treble (female only) voices in a wide range of musical styles. Activities include 4 required concerts per year and various voluntary activities including jazz choir, solo and ensemble and the musical.

TRAINING CHOIR

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, 12

SEMESTER: Full Year

DESCRIPTION: Study of proper vocal technique and production, music reading and pitch matching in preparation for ensemble singing.

MUSIC THEORY

CREDIT: 1

RECOMMENDATION: 1 Year in Band or Chorus at high school level

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: Study of the basics of music writing and analysis. Content includes music fundamentals, harmony, ear training, and form. Course is very helpful in preparing students for college music department entrance exams (for music majors).

PREREQUISITE: Instructor Approval

GENERAL MUSIC

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: This course will cover the fundamental elements of music as well as music history and appreciation.

ART I-FUNDAMENTALS

CREDIT: 1

GRADE PLACEMENT: 9, 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Study of the Fundamentals, Principles and Elements of Art and Art History. Activities include Shading/Value, Perspective, Figure Drawing, and Color Theory. Student may also be required to write Art History papers that abide by the MLA format.

ART II-CONCEPTS

CREDIT: 1

RECOMMENDATION: Consent of teacher and/or credit for Art I

GRADE PLACEMENT: 10, 11, and 12

SEMESTER: Full Year

DESCRIPTION: Study of Painting using Color Theory, Monochromatic technique, Wash technique, Atmospheric perspective, and Art History. Student may also be required to write Art History papers that abide by the MLA format.

ART III-ADVANCED

CREDIT: 1
RECOMMENDATION: Consent of teacher and/or credit for Art II
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year
DESCRIPTION: Study of Painting and 3-Demensional Sculpture and Art History. Sculpture may consist of clay, plaster, wire, wood, and mixed media. Student may also be required to write Art History papers that abide by the MLA format.

ART IV-INDEPENDENT

CREDIT: 1
RECOMMENDATION: Consent of teacher and/or credit for Art III
GRADE PLACEMENT: 12
SEMESTER: Full Year
DESCRIPTION: Study of Drawing, Painting, Sculpture, Art History with a focus on personal style and portfolio development. Student may be required to complete independent assignments along with written Art History papers that abide by the MLA format.

INDUSTRIAL EDUCATION CURRICULUM

INDUSTRIAL ESSENTIALS (VALEES #21052A002)

CREDIT: 1
GRADE PLACEMENT: 9, 10, and 11
SEMESTER: Full Year
DESCRIPTION: This is a full year introductory course exposing students to industrial and technological areas as outlined in the Illinois Plan for Industrial Education. Subjects include transportation and industrial development, communication and drafting, production/woodworking, and energy utilization. Through study and hands-on activities the student will learn basic work related skills and be exposed to a variety of career opportunities available. Safety, personal cooperation, acceptable work habits, and self-motivation will be stressed.

WOODWORKING (VALEES #17007A001)

CREDIT: 1
REQUIRED: Industrial Essentials
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Full Year
DESCRIPTION: This sequential 2-semester course is for students interested in learning basic cabinetmaking skills. The course will include the planning, style, and design of cabinetmaking utilizing the characteristics of solid wood and plywood. While building projects the students will learn to use hand and machine woodworking tools and will develop competent machine operation skills. Students will continue to develop safe and appropriate work habits, work and business ethics, and self-motivation.

CABINETRY AND MILLWORK (VALEES #17007A002)

CREDIT: 1
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year
PREREQUISITE: Woodworking I-II (C or better with permission)

DESCRIPTION: At successful completion of this advanced cabinetmaking course, the student should be able to obtain employment in the cabinetmaking and millwork industry utilizing the math, assembly and machine operation skills acquired. Students are likely to use the computer, table saw, jointer, power miter saw, drill press, lathe, pneumatic nail gun, planer shaper, portable and stationary belt sanders, various hand tools, clamping systems, and pneumatic spraying and finishing systems. Students will build a minimum of one major cabinet or furniture project and will be familiar with the setup and operation of woodworking machines used in construction of their project. Successfully completing the planning, designing, and building of the project along with honing good work ethics, workplace skills and leadership are a major focus of this class.

ADVANCED CABINETRY AND MILLWORK (VALEES #17007A002)

CREDIT: 1
GRADE PLACEMENT: 12
SEMESTER: Full Year
PREREQUISITE: Cabinetry and Millwork I-II (C or better or permission)

DESCRIPTION: This course will provide planned learning experiences and activities that will complement, enhance, and develop to a higher degree those skills learned in Cabinetry and Millwork I-II. This course will help students develop advanced skill and knowledge in specialty tools and equipment used in the woodworking industry while furthering their proficiency with standard shop and machine tools used in a woodworking shop. Machines used will include computers, table saws, industrial planers, sanders and shapers, and pneumatic spraying and finishing systems. Jigs, mass production and manufacturing methods, and advance machine technology will be used for the project construction and finishing. Students will be required to design and carry to completion a major furniture and/or cabinetry system. Field trips and individual research will be used to develop students knowledge and awareness of industrial methods and processes used in manufacturing today. Work ethics, workplace skills and leadership will be emphasized.

FAMILY & CONSUMER SCIENCES CURRICULUM

FOODS AND NUTRITION I (VALEES #16054A001)

CREDIT: 1/2
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Either

DESCRIPTION: Elective course open to all students. This course includes basic classroom and laboratory experiences needed to develop knowledge and understanding of basic food principles and applied nutrition. Basic instruction on safety and sanitation, nutrition and health, social/cultural aspects, consumer skills, kitchen math, table setting and manners, meal management, food science and technology, and career options are introduced. A portion of the earned grade is determined by laboratory situations where students are required to demonstrate their knowledge of food preparation, safety and sanitation. **MUST PASS FOODS I TO BE ELIGIBLE FOR FOODS II.**

FOODS AND NUTRITION II (VALEES #16054A002)

CREDIT: 1/2
REQUIRED: Foods I
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Either

DESCRIPTION: This class is open to students who have successfully completed and passed Foods and Nutrition I. In this second orientation level foods course, more attention is paid to food selection and preparation for special circumstances and dietary needs. The course includes in depth coverage of safety and the prevention of food-borne illnesses, nutrition through the lifespan, influences on food customs, current food and nutritional issues, kitchen math, food budgeting, food science and technology and career options. A portion of the earned grade is determined by laboratory situations where students are required to demonstrate their knowledge of food preparation, safety and sanitation. MUST PASS FOODS II TO BE ELIGIBLE FOR FOODS III.

FOODS AND NUTRITION III (VALEES #16054A003)

CREDIT: 1/2
REQUIRED: Foods I and Foods II
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Either

DESCRIPTION: Foods III further explores food preparation in areas such as regional foods, foreign foods, advanced pastries, advanced yeast breads, and food preservation. Students must have completed and passed Foods and Nutrition I and II with a C or better.

CLOTHING CONSTRUCTION I (VALEES #19201A001)

CREDIT: 1/2
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Either

DESCRIPTION: Elective course open to both male and female students. Students must supply own materials.

- Familiarity with sewing machine
- 3 required sewing projects
- Clothing influences, customs, family influences and self-expression
- Fashion history and styles
- Clothing care
- Principles of design

CLOTHING CONSTRUCTION II (VALEES #19201A001)

CREDIT: 1/2
REQUIRED: Clothing Construction I
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Either

DESCRIPTION: Clothing Construction II builds on the skills developed in Clothing Construction I and challenges the student to work with plaids and stripes etc., and more difficult patterns. Students must supply own materials. Must pass Clothing Construction I first with a 'C' or better.

CLOTHING CONSTRUCTION III (VALEES #19203A001)

CREDIT: 1/2
REQUIRED: Clothing Construction II
GRADE PLACEMENT: 10, 11, 12
SEMESTER: Either

DESCRIPTION: Clothing Construction III is based on the sequence of skills developed in junior high home economics and Clothing Construction I and II. This advanced course allows the proficient seamstress to work with different fabrics and more complicated patterns. Students must supply own materials. Must pass Clothing Construction I & II with a 'C' or better.

PARENTING (VALEES #22204A001)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: Open to all students. This course focuses on decisions relating to parenthood. It will cover topics such as when to have children, health practices, discipline, dealing with developmental stages, and how the parents' roles change. It also will look at concerns ranging from child abuse, substitute care, and education. **Students are required to carry and tend "Baby-Think-It-Over" infant simulators for the equivalent of one weekend during the semester. We have rechargeable batteries so students are not required to supply replacement batteries for the "baby".**

CHILD DEVELOPMENT (VALEES #19052A001)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12 (10, **only** if interested in enrolling in Childcare at IVVC)
SEMESTER: Second

DESCRIPTION: Open to all students. Areas to be covered in course are: prenatal/postnatal care of mother and child; the development of children from birth to age 5 (physical, social, and emotional developmental patterns); observation of children in different age groupings; special interest areas; and employment opportunities.

MARRIAGE & FAMILY LIVING (VALEES #22208A000)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: Course open to all students. This course covers communication skills, coping with challenges, decision making/problem solving, family strength, handling responsibility, health and wellness, management skills, relationship skills, counseling resources, and values/goals.

SINGLE SURVIVAL (VALEES #22207A000)

CREDIT: 1/2
GRADE PLACEMENT: 12
SEMESTER: Second

DESCRIPTION: Open to seniors with **no** high school foods or clothing experience. Areas to be covered include housing--how and where to find it, furnishing and caring for a home, moving; laundry; clothing--basic sewing techniques, use and care of sewing machine, simple sewing project; foods--simple food preparation, basic nutrition, buying. **Students must buy a kit for sewing project.**

BUSINESS EDUCATION CURRICULUM

The Business Education curriculum offers a variety of courses, which will enable the students to develop occupational knowledge, attitudes, and skills that are oriented around various job classifications. These occupations include clerical, secretarial, recordkeeping and accounting, and computer software skills.

A recommended curriculum is outlined below for several career areas. None of the courses recommended are required for graduation; however, some employers will not hire an applicant for a particular job until certain minimum competencies are met.

OFFICE CAREERS (SECRETARIAL/CLERICAL)

Keyboarding & Formatting I/Formatting II	9
Introduction to Business	9
Speedwriting I & II	11
Practical Computers	11
Introduction to the Internet	11
Designing Web Pages for Business	11
Recordkeeping	11
Computer Applications	12
Business Law	12
Accounting I	12

BUSINESS MANAGEMENT

Keyboarding & Formatting I/Formatting II	9
Introduction to Business	9
Practical Computers	10
Recordkeeping	10
Computer Applications	10
Business Law	11
Accounting I	11
Accounting II	12
Marketing/Entrepreneurship	12

COMPUTER INFORMATION

Keyboarding & Formatting I/Formatting II	9
Practical Computers	10
Computer Applications	11
Introduction to the Internet	11
Designing Web Pages for Business	11

KEYBOARDING & FORMATTING I/KEYBOARDING & FORMATTING II (VALEES #12002A001)

CREDIT: 1
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: Keyboarding & Formatting I/Formatting II is recommended for students seeking work in a business related career such as office work and business management. It is also recommended for college bound students and for personal use. The first semester is primarily devoted to developing a mastery of the keyboard and basic formatting skills (typing of letters, research papers, and other related problems). During the second semester students will learn other formats and develop skills in order to complete jobs more efficiently and effectively.

KEYBOARDING & FORMATTING I (VALEES#12005A001)

CREDIT: 1/2
GRADE PLACEMENT: 9, 10, 11, and 12
SEMESTER: Either

DESCRIPTION: This course is intended for the student who wishes only one semester of keyboarding. The material covered is identical to that of the keyboarding formatting I/formatting II course in the first semester to learn the keyboard by the touch method and basic formats of business letters, term papers, and other related problems.

Keyboarding & Formatting I and Keyboarding & Formatting I & II: Keyboarding & Formatting I is for one (1) semester and Keyboarding & Formatting I and II is a full year. You may NOT take both the full year and the one semester class. You may take the second semester of Keyboarding & Formatting I and II if you took the one semester Keyboarding & Formatting I class, and can be taken in a different school year.

RECORDKEEPING

CREDIT: 1
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: Recordkeeping is intended to enable a student to develop skills on the elementary bookkeeping level. There will be an introduction to the use of the computer to better prepare the student for clerical jobs in today's offices. Topics to be studied will include sales, purchases, and taxes for a retail business; payroll records; and the use of the computer in order to solve some of these business problems. Recordkeeping can serve as a good prerequisite for the student who wishes to take Accounting I the following year.

ACCOUNTING I (VALEES #B12104A001)

CREDIT: 1
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Full Year

DESCRIPTION: Accounting provides a background for students who would like to qualify for entry-level jobs in business offices or for those who want a college major in business. Specific topics covered include recording business transactions, preparing financial statements, handling depreciation, un-collectible accounts, adjusting and closing entries, and payroll. There will be some use of computers to prepare spreadsheets.

ACCOUNTING II (VALEES #12104A002)

CREDIT: 1
REQUIRED: Accounting I
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: The second year of accounting is offered as an extension of the first year plus introduction of new material. Topics will include the preparation of more detailed financial statements, departmental and branch accounting, accounting for manufacturing businesses, and partnership accounting.

SPEEDWRITING I

CREDIT: 1/2
REQUIRED: Keyboarding; currently enrolled in keyboarding; or passed keyboarding proficiency test
GRADE LEVEL: 10, 11, and 12
SEMESTER: First

DESCRIPTION: Speedwriting is an alphabetic shorthand system based on the letters of the alphabet and the common punctuation marks that are used in longhand. This course is intended to teach speedwriting to take lecture notes and office dictation.

SPEEDWRITING II

CREDIT: 1/2
REQUIRED: Speedwriting I
GRADE LEVEL: 10, 11, and 12
SEMESTER: Second

DESCRIPTION: Speedwriting II is a follow-up to the theory presentation given in Speedwriting I. It is designed to develop dictation-taking ability to 80-100 words a minute.

BUSINESS LAW

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: First

DESCRIPTION: Business Law deals with the application of legal principles and procedures to the individual in business. It also promotes the understanding of laws regulating the economy that affect the individual as a producer and a consumer. Topics covered include the laws of contracts, relations of buyer and seller, commercial paper, bailment's, real property, rights and responsibilities of employer and employee, and insurance. Students will analyze and make decisions concerning actual court cases. The primary emphasis is given to basic fundamentals of law rather than specific technical details of professional law in Illinois.

COMPUTER APPLICATIONS (VALEES #B10004A001)

CREDIT: 1/2
REQUIRED: Keyboarding
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Either

DESCRIPTION: The computer applications course gives the student hands-on experience with **Office 2007** (Word, Access, Publisher, Excel, PowerPoint). Students will learn the necessary skills to type research papers for high school and college. Students also will learn to prepare PowerPoint presentations that could be presented to a group.

PRACTICAL COMPUTER ACTIVITIES

CREDIT: 1/2
REQUIRED: Keyboarding
GRADE PLACEMENT: 10, 11, and 12
SEMESTER: Either

DESCRIPTION: This computer course gives practical hands-on experience to use **Microsoft Works for Windows** and to improve skills on the personal computer including creating and editing reports, tables, letters, and memos using word processing, spreadsheets, and databases.

INTRODUCTION TO BUSINESS (VALEES #12001A001)

CREDIT: 1/2
GRADE PLACEMENT: 9, 10 **ONLY**
SEMESTER: Either

DESCRIPTION: This course is an introduction to business theory and practice. Topics include entrepreneurship, private enterprise, the global marketplace, marketing theory, organization of management, and government influence in economic systems.

MARKETING/ENTREPRENEURSHIP (VALEES #12055A001)

CREDIT: 1/2
GRADE PLACEMENT: 11/12
SEMESTER: Either

DESCRIPTION: This course would cover the following topics: functions of marketing, distribution, selling, product service, planning and promotion, selling and promotion using advertising, and concepts of determining and meeting customer needs, desires, and wants. Students taking this class should want to own their own business or aspire to be in management at a business in their future.

INTRODUCTION TO THE INTERNET (VALEES #10201A001)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This Internet course is designed to help students learn how to use the Internet for research. Some of the topics that will be studied include: search engines, evaluation of web pages, bookmarks or favorites, educational sites, and how to cite web research.

DESIGNING WEB PAGES FOR BUSINESS (VALEES #10201A001)

CREDIT: 1/2
GRADE PLACEMENT: 11, 12
SEMESTER: Either

DESCRIPTION: This course is designed to teach students how to design business websites. Websites for both profit and non-profit businesses will be designed. Appropriate text, color, images, links, forms, sound, and special effects will be covered.

CONSUMER EDUCATION (VALEES #22210A001) - REQUIRED COURSE FOR SENIORS

CREDIT: 1/2
GRADE PLACEMENT: 12
SEMESTER: Either

DESCRIPTION: Consumer education is a required course for graduation from Sandwich High School. It covers topics including, but not limited to: housing, transportation, consumer rights, installment purchasing, budgeting, and comparison of prices. It is the study of the knowledge needed to choose, to spend, and to conserve resources, goods, and services.

AP MICROECONOMICS

CREDIT: 1/2
GRADE PLACEMENT: 12
SEMESTER: Either

DESCRIPTION: The purpose of the AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. It includes the following concepts: scarcity, opportunity costs and production possibilities, specialization and comparative advantage, the functions of economic systems, nature and function of product market, supply and demand costs, revenue, product pricing and outputs, efficiency and government policy, factor markets, equity and the role of government.

The class is designed to provide students with the analytical skills and factual knowledge necessary to critically deal with the problems and materials in economics. The program prepares students for intermediate and advanced college courses.

AP MACROECONOMICS

CREDIT: 1/2
GRADE PLACEMENT: 12
SEMESTER: Either

DESCRIPTION: AP Macroeconomics is a course designed to provide students with a thorough understanding of the principles of economics in examining aggregate economic behavior. Students taking the course can expect to learn how the measures of economic performance, such as GDP (Gross Domestic Product), inflation and unemployment, are constructed and how to apply them to evaluate the macroeconomic conditions of an economy. Students will also learn the basic analytical tools of macroeconomics, primarily the aggregate demand and aggregate supply model and its application in the analysis and determination of national income, as well as evaluating the effectiveness of fiscal policy and monetary policy in promoting economic growth and stability. Recognizing the global nature of economics, students will also have ample opportunities to examine the impact of international trade and international finance on national economics. Various economic schools of thought are introduced as solutions to economic problems.

The class is designed to provide students with the analytical skills and factual knowledge necessary to critically deal with the problems and materials in economics. The program prepares students for intermediate and advanced college courses.

INDIAN VALLEY VOCATIONAL CENTER

CREDIT: 3
RECOMMENDATION: Some courses have prerequisites
GRADE PLACEMENT: 11, 12
SEMESTER: Full Year

DESCRIPTION: IVVC offers vocational training in the following 16 areas: auto body, auto mechanics, building trades, building trades remodeling, child care, computer technology, cosmetology, drafting and design, fire science, food service and preparation, graphic arts, health occupations, law enforcement, business systems technology, sports medicine/sports management, and welding and fabrication. **Each class meets one 2-1/2 hour time block 5 days per week.**

AUTO BODY REPAIR: A comprehensive program of collision repair and automotive paint refinishing. Safety practices and safety equipment, as well as EPA standards, will also be addressed and followed. First year students will get a basic knowledge of collision repair and refinishing procedures. Second year students will get advanced training on frame and structural repair. (20116A001 & 002)

AUTOMOTIVE TECHNOLOGY: All students study routine automotive repair and maintenance fundamentals. This is accomplished by textbook study, lecture and homework before practical experience in the shop. Safety practices and industry standards will be stressed. Second year students will continue by learning more advanced techniques and diagnostic procedures through weekly textbook and homework assignments, and hands-on shop experience. (20104A001 & 002)

COMPUTER TECHNOLOGY: State of the art program in computer maintenance and installation. Students work with hardware and software in a "real world" environment to maintain PCs and printers at IVVC. They also do maintenance work for other schools. New computer setup, purchase and evaluation is also a part of the course. Second year students explore wire and wireless networks, as well as game design. A+ Certification is possible after taking this program. (10252A001 & 002)

CONSTRUCTION TECHNOLOGY (formerly Building Trades): This program offers a 90% hands-on experience in most phases of residential construction. Once all safety procedures have been completed, students will be briefed on current building codes, span charts, blueprint reading, and estimating/scheduling. Aside from an occasional chapter/lesson plan related to the phase of project we are in, the students will then spend the remainder of the year at our off-campus jobsite, constructing a house or other project. Areas of study will include concrete, carpentry framing, roofing, siding and exterior trim, plumbing, HVAC, drywall and interior trim. In addition to using conventional lumber and understanding all its characteristics, they will also learn about and/or use composite materials and engineered lumber. Second year students are given the opportunity to obtain an internship, possibly receiving wages from an employer while gaining experience in a trade of choice that pertains to construction. (17002A001 & 002)

COSMETOLOGY: This is a 1,500 hour program contracted through Hair Professionals Career College, offered at their Oswego or Sycamore site or Debutantes School of Cosmetology & Nail Technology in DeKalb. Completers will have earned up to 1,000 hours towards the state licensing requirements for hairdressers during the two year program. (19101A001 & 002)

CULINARY ARTS: Developed by the National Restaurant Association Educational Foundation, the ProStart Program is a two-year curriculum designed to teach high school students the management skills needed for a career in the restaurant and food service industry. ProStart students have the opportunity to earn an industry-approved, nationally recognized certificate, guaranteeing them a minimum \$2,000 scholarship and access to college articulation agreements. To earn the ProStart certification, students must complete the following program components: 360 hours of classroom instruction, covering hospitality business and food preparation; 400 hours of

mentored internship, in front and back of house positions; workplace competency checklist, demonstrating industry knowledge and skills; successfully pass the year one and two national ProStart examination. (16052A001 & 16055A001)

DRAFTING & DESIGN TECHNOLOGY (formerly Drafting & Design): Look around. Most everything you see—from the cell phone you use to the car you drive to the buildings you walk through—has to be designed. Design is an important step in the process from idea to reality, and students in this class learn to use creativity, problem solving, and technical skill to make that step happen. Students will experience hands-on projects in the fields of architecture, engineering, interior design, product design, mechanical design, computer-aided drafting (CAD) and surveying/civil engineering. First semester, students will gain experience and knowledge in the design areas mentioned above, and second semester each student will choose one or two of those areas for more in depth study. Some of our popular hands-on projects include popsicle stick bridges, H₂O rockets, marble roller coasters, CO₂ dragsters, and Mythbuster Mondays. Similar to the popular TV show, Mythbuster Mondays give students a chance to brainstorm, build, and test ideas. First year students learn the fundamentals on the drafting board and progress to beginning computer-aided drafting (CAD). Completion of the course provides the possibility of up to 11 semester hours of credit at Waubensee Community College. (21103A001 & 002)

EARLY CHILDHOOD DEVELOPMENT: Do you enjoy working with children? The Early Childhood Development program offers students excellent opportunities to work with 3, 4 and 5-year old children! This class offers hands-on experiences working with children in our preschool lab setting. All students experience planning and implementing activities in the areas of art, science, language, and math geared to the development of the preschool age child. First year students have the opportunity to explore the wide array of career options that involve children, as well as learning to guide young children in their behavior. Second year students have internship opportunities (outside of IVVC) available to them. Both first and second year students may utilize articulation agreements with local community colleges. NEW to our Early Childhood Development curriculum is the opportunity to earn an ECE Credential Level 1 Certificate through the Gateways to Opportunity program. This early care and education training introduces students to general child development, health and safety, environments for children (infants through school-age) and the importance of relationships with children and their families. Successfully completing this 48-hour training results in the award of the level 1 ECE Credential and the opportunity to utilize many scholarships available. (19054A001 & 19055A001)

FIRE SCIENCE:

First year students—Basic Operations Firefighter

This course is a study of techniques used in fire fighting. This course covers the subjects required by the Office of the State Fire Marshal for certification at the Basic Operations Firefighter level. This course also incorporates a fire department atmosphere into the training. The student's daily routine includes proper uniform, apparatus and PPE checks and station cleaning. Students will take part in classroom lectures, demonstrations, hands-on practice on individual skills, training responses that incorporate these individual skills into fire ground evolutions through the use of various props and structures. This program emphasizes the knowledge, individual skills and teamwork skills necessary for entry level personnel to become functioning members of a fire company. This program also covers Technical Rescue Awareness, Fire Service Vehicle Operator, Hazardous Materials Awareness, Hazardous Material Operations and Courage to be Safe. First year students will also become CPR certified.

Second year students—Advanced Technician Firefighter

Second year students begin the year working on all the required course work to obtain their Advanced Technician Firefighter certification. This class is designed for the experienced firefighter. Some of the hands-on skills include R.I.T. evolutions, radio communication drills, forcible entry, ventilation, and assisting Technical Rescue Teams. Students will also complete the Vehicle Machinery Operations class. VMO teaches students how to deal with various auto accident incidents. Extensive hands-on tool time is given to the students to work with various tools and techniques to perform auto extrication. Students will be trained in Fire Apparatus Engineer. This portion of the year teaches students the knowledge and skills needed to perform pump operations at a fire scene. Second year students may also at

times mentor and assist first year students with various skills and practicals. Both classes are offered at the Sandwich Fire Station. (15152A001 & 002)

GRAPHIC COMMUNICATIONS: Become part of the next generation of digital design! The world is full of images and words and Graphics *IS* that world. Students will study foundation software and design skills and be introduced to careers in art and design. Learn what it takes to design an awesome t-shirt and how to make a poster pop. Make your own logo and print it on notepads, stationery, and business cards. Design a product label and work with a professional photographer on a photo shoot to produce an original magazine ad. Be a digital photographer. Learn how to take portraits, make an iMovie or shoot a video for You Tube. Learn how to use state of the art software (Illustrator, InDesign and Photoshop) to turn your creative ideas into a reality. Field trips will introduce you to animation, web design, entertainment staging, college life, marketing, printing and more. Art or computer experience is helpful, but not a requirement to be successful in the amazing world of Graphic Communications. (11154A001 & 002)

HEALTH OCCUPATIONS-EXPLORING MEDICAL CAREERS: Do you want a career in the medical field? Do you want to learn more about what careers are available? This course is for junior and senior students who are interested in exploring medical careers in an applied life science skill format. The curriculum provides hands-on learning opportunities involving body systems and medical careers. Students will learn basic medical procedures associated with the health profession, including performing vital signs, injections and blood draws on a training arm. Students will also be able to job shadow at local medical facilities to see what a career in the medical field really entails. Want to know what esophagogastroduodenoscopy means? You will learn that and many more medical terminology words that are necessary to continue in the medical field. The students will obtain their CPR certification, along with basic first aid training. (14002A002)

HEALTH OCCUPATIONS-CNA (Certified Nurse Assistant): This course is for **SENIORS ONLY** who are interested in becoming Certified Nurse Assistants. The student must have passed a biology or bio-med class at the home school with a minimum grade of C and must have a good attendance record. The Exploring Medical Careers class is not a prerequisite for this class; however, approval from IVVC and the home school may be required. This course follows the guidelines of the Illinois Department of Public Health to achieve a certificate as a Certified Nurse Assistant. Forty hours of hands-on clinical time is required. A fingerprint criminal background check is also required. (14051A001)

HOSPITALITY MANAGEMENT: This course encompasses all facets of hotel management and the hospitality industry. Areas of study include facilities management, finance, food services, building security, housekeeping, marketing and tourism, event planning, and the legal aspects of the hospitality industry. In addition to classroom information and discussion, students will gain hands-on experience at Timber Creek Inn & Suites, located near IVVC in Sandwich.

LAW ENFORCEMENT: This course is designed for the student who is wishing to explore a career in law enforcement. The curriculum follows the certified Illinois State Police Basic Training used by Illinois Police Academies. First year students will be studying criminal law, vehicle code, and case law in the first semester and learning how to investigate crimes, process a crime scene, and execute arrests in the second semester. At the conclusion of the first year, students should be able to correctly investigate a crime, make an arrest, complete booking and arrest reports, and testify in court. Second year students will be leading class discussions, composing in-depth research projects, assuming a supervisory role with first year students, and planning weekly training. All students will engage in defensive tactics, officer safety skills, firearm safety using simulators and dynamic scenarios utilizing the most modern airsoft and paintball techniques. This is a physical class with many “hands-on” activities. Students attending this class will be required to read several novels. Students should be familiar with Microsoft PowerPoint and Word and have a firm grasp of grammar and spelling. Students will be giving oral presentations weekly. Guest speakers include Secret Service, FBI, DEA, and SWAT to name a few. Field trips may include jails, police academies, military facilities and police departments. The instructor is a current police officer, state certified as a firearm and air soft instructor. Students may be required to submit to random drug testing and a background check in order to be involved with any “hand-on” activities. Students with a criminal history should not enroll. (15051A003 & 004)

SPORTS MEDICINE/SPORTS MANAGEMENT: This course will introduce the student to the many professions within the sports medicine and sports management industries, such as Athletic Training, Coaching, Physical Therapy, Personal Training and Massage Therapy. Sports Medicine I focuses on the anatomy of the skeletal and muscular systems, injuries, rehabilitation protocols, as well as taping and wrapping techniques. Sports Management I introduces students to a variety of careers in sports, including, but not limited to, the fitness industry, coaching, facility planning, sports marketing, and sport journalism. A requirement of all first year students is to perform, outside of regular class time, fifteen hours of professional job shadowing. Second year students meeting all prerequisites have the opportunity to participate in internships with local businesses. This course offers necessary skills required to enter many post-secondary educational programs. (14062A001)

WELDING & FABRICATION: This course is designed for students who are ready to challenge themselves and become the welders and metal fabricators of tomorrow. Various welding and cutting processes are taught throughout the year and students will demonstrate these skills through hands-on activities in the shop. Several class projects, both individual and group, are done throughout each quarter which coincide with class lectures. Personal projects are welcomed once students have finished their assigned welding tasks. Production strategies and lean manufacturing skills are demonstrated, giving the students a taste of the real-world and what makes a successful business. First year students are challenged in flat and horizontal welding positions while second year students learn how to weld in the vertical and overhead positions. Employability, which emphasizes their professional conduct, is a significant portion of the student's grade. (13207A001 & 002)

AGRICULTURE

INTRODUCTION TO AGRICULTURE AND LEADERSHIP (VALEES #18001A001)

CREDIT: 1
GRADE PLACEMENT: 9, 10, 11, 12
SEMESTER: Full Year

DESCRIPTION: This orientation course provides an opportunity for students to learn the fundamentals of the agriculture industry. Students will learn how agriculture is more than farming; and can expect to learn industry facts, parliamentary procedure, speech skills, animal, plant and food science, basic mechanics skills, business and recordkeeping skills, and FFA. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

AGRICULTURAL LEADERSHIP AND COMMUNICATIONS

CREDIT: 1
GRADE PLACEMENT: 10, 11, 12
SEMESTER: Full Year

DESCRIPTION: This course is designed to provide students with the knowledge and leadership experiences to help them to become successful in life and in the workplace. Students will analyze current agricultural issues and determine how they affect people on all sides of the issue. The students then learn and enhance their written and oral communication skills by presenting their views and opinions to the class. Students learn how to arrange and present debates, speeches, and interviews to be effective leaders in today's society. Students will further enhance their potential for leadership development, personal growth, and career success. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Introduction to Agriculture and Leadership or consent of the instructor

SUPERVISED AGRICULTURAL EXPERIENCE

CREDIT: 1/2 credit (Repeatable up to 1 credit)

GRADE PLACEMENT: 9, 10

SEMESTER: Both Semesters

DESCRIPTION: This experience program is for students in the 9th and 10th grades. This course is not a classroom course, but rather an independent project students complete outside of regular classroom hours. Individual students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record bookwork, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the supervised agricultural experience. Students may be concurrently enrolled in a classroom course.

PREREQUISITE: Introduction to Agriculture and Leadership

ANIMAL AND PLANT SCIENCE (VALEES #18003A001)

CREDIT: 1

GRADE PLACEMENT: 10, 11, 12

SEMESTER: Full Year

DESCRIPTION: This orientation agriculture science course builds on basic skills and knowledge gained in the Introduction to the Agricultural & Leadership course. Major units of instruction include agricultural research, soil science, plant nutrition, agronomic crops, advanced plant science, biotechnology, animal reproduction, animal nutrition, basic anatomy & physiology, meat science. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Introduction to Agriculture and Leadership or consent of the instructor

AGRICULTURAL SALES & MARKETING (VALEES #18202A001)

CREDIT: 1

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: This course is designed to develop student knowledge and skills in agricultural sales and marketing, focusing on their individual and teams sales ability, as well as international and USA marketing concepts. Through hands on activities students will create many marketing projects, including but no limited to advertisements, videos, displays, and oral communications. Topics of this course include commodity marketing, agricultural economics, developing a marketing plan, pricing, advertising, and selling products and services, applying commodity trading techniques, basic economic principles, the international agribusiness economy, and agricultural career opportunities. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Agricultural Leadership and Communications

AGRICULTURE CONSTRUCTION (VALEES #18449A001)* Not offered 2013-14

CREDIT: 1/2 credit

GRADE PLACEMENT: 11, 12

SEMESTER: Both Semesters

DESCRIPTION: This course focuses on the knowledge, hands-on skills, and work place skills applicable to construction in the agricultural industry. Major units of instruction include: personal safety, hand tools, power tools, blue print reading, surveying, construction skills in carpentry, electricity, concrete, and painting. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Introduction to Agriculture & Leadership

SUPERVISED AGRICULTURAL EXPERIENCE II

CREDIT: 1/2 credit/year

GRADE PLACEMENT: 11, 12

SEMESTER: Both Semesters

DESCRIPTION: This experience program is for 11th and 12th grade agricultural students. The course is not a classroom course, but rather an independent project students complete outside of regular classroom hours. Individual students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record bookwork, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the supervised agricultural experience. Students may be concurrently enrolled in a classroom course.

PREREQUISITE: Introduction to Agriculture and Leadership

AGRICULTURAL MECHANICS AND TECHNOLOGY (VALEES #18402A001)*Not offered 2013-14

CREDIT: 1/2 credit

GRADE PLACEMENT: 11, 12

SEMESTER: Both Semesters

DESCRIPTION: This course will concentrate on expanding student's knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Key units are welding and small engines. Topics of instruction may include arc welding, MIG welding, OxyActelyne torch, brazing, small engine part identification, systems of a small engine, and teardown and rebuild of a small engine. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Introduction to Agriculture and Leadership

AGRICULTURAL BUSINESS MANAGEMENT (VALEES #18201A001)*Not offered 2013-14

CREDIT: 1

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: This course will provide students with the basic knowledge and skills necessary to manage personal finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, managing personal finances, record keeping and financial management of an agribusiness, local, state, and federal taxes, sales and marketing, economic principles, and developing employability skills. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Agricultural Leadership and Communications or consent of the instructor

VETERINARY SCIENCE (Offered 2013-14...take Animal & Plant this year to meet prerequisite!)

CREDIT: 1

GRADE PLACEMENT: 11, 12

SEMESTER: Full Year

DESCRIPTION: This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, advanced animal nutrition and reproduction, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

PREREQUISITE: Animal and Plant Science