



VALLEY CENTER HIGH SCHOOL

2010-2011

ENROLLMENT GUIDE

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A Message from the Principal

This Curriculum Guide is intended to assist you in planning your academic school year. Please read it carefully. Study the Valley Center High School graduation requirements, the Qualified Admissions Curriculum, the Kansas Scholar's Curriculum, the NCAA Division I and Division II Eligibility Standards, and NAIA Eligibility. And with your parents and teachers, discuss which courses are best for you. Special problems or concerns should be presented to the counselors and/or administration.

Proper course selection is an important part of a high school education. Because of the Qualified Admissions to 4-year colleges in Kansas, it is important that students who plan to attend college enroll in the approved courses while in high school. Although a foreign language is not a requirement for college admission, two years of the same foreign language is a requirement to be eligible for certain scholarships.

Courses at Valley Center High School receive semester credits and vary from one to two semesters in length. Students enroll in 7 courses each semester. The schedule is built to accommodate the student's enrollment selections. **Take special care to enroll in courses that you wish to take and that meet your goals. Schedule changes requested after June 1 may not be granted.** Schedule changes will be limited to (1) student requests after summer school credit is earned, (2) teacher recommendation if students are misplaced, do not have prerequisites, or do not have the necessary background to be successful in the course, and (3) discipline purposes. Students and parents requesting teacher changes will need to contact the counseling office.

Refer to specific sections of the Curriculum Guide for information about the Class Repeat Policy, Academic Eligibility, Fees and Materials, Classification by Number of Credits, and Exceptions to Full-day Enrollment.

It is my hope that you will find this Curriculum Guide to be of assistance in selecting appropriate courses. As educators, it is our job to help students reach beyond themselves and to go beyond the point of "just getting by". Students, we urge you to include your parents in the enrollment process. Parents, we urge you to assist your student in working hard and accepting the challenges found within the Valley Center High School environment. If you have questions regarding enrollment, graduation, post-secondary education, financial aid, scholarships, or extended illness and injury please call the counseling office at 755-7155 to speak with one of the counselors.

Mr. Jamie Lewis

FEES AND MATERIALS:

Some classes require fees and materials in addition to the general enrollment fee. These classes are noted in the course descriptions "Supplies Needed" section. Fees are set at a date prior to the beginning of school in the fall and are usually published in the "Back to School" edition of the local newspaper.

EXCEPTIONS TO FULL DAY ENROLLMENT:

Students may not enroll in less than a full day (7 hours) of course work at V.C.H.S. unless they are enrolled in one of the following as part of their full day program: Marketing Education, Office Technology, Work Study, Vo-Tech Training or College Study.

ACADEMIC ELIGIBILITY:

According to the Kansas High School Activities Association, in order for students to be eligible for activities, they must meet scholarship and enrollment conditions.

KSHSAA 13-1-3:

- a. Scholarship-The student shall have passed at least five new subjects (those not previously passed) of unit weight, or its equivalency, the previous semester or the last semester of attendance.
- b. Enrollment-The student shall be enrolled in and attending a minimum of five new subjects (those not previously passed), of unit weight, or its equivalency, during the present semester.

REPEATING REQUIRED CLASSES:

If a student fails both semesters of a required course, the student must complete the course failed with a passing grade before enrolling in a more advanced class. If a student fails only one semester of a required course, the student may enroll in two courses of same subject as recommended by their counselor. (Exception: To enroll in a math class, a student must successfully complete both semesters of the previous course with a passing grade.) Seniors may enroll in required courses to meet graduation requirements without being limited by course sequence. Students may repeat classes at the high school, requesting a different teacher when possible, or by enrolling in summer school or after-school classes at The Learning Center.

WITHDRAW WITH F "WF":

Students have **two weeks** from the first day of the semester in which to request a schedule change. Students are not allowed to make a schedule change following the two week time period. Courses in which a student drops after the **second week** of the semester, will result in receiving a "WF" on their transcript for the semester in that course **and will receive no credit**. Students will be expected to continue regular attendance at school and may be assigned to another teacher for supervision.

CLASSIFICATION BY NUMBER OF CREDITS:

The number of credits students has earned having a passing grade of "D" or above will classify them at grade level. Courses in which the student earns the grade of "F" will not count for credit. Students will be classified as follows:

- Students with 0-6 credits are classified: Freshman
- Students with 6.5-12.5 credits are classified: Sophomore
- Students with 13-18.5 credits are classified: Junior
- Students with 19 or more credits are classified: Senior

This policy affects the student's involvement in school life because eligibility for activities and privileges are based on classification. This is also a way to keep students and parents informed as to progress towards graduation. Students may be reclassified after completion of summer school.

SUMMER SCHOOL CREDIT:

Summer school is offered at The Learning Center in Valley Center. Valley Center High School students are encouraged to attend summer school to repeat courses failed. High school subjects at any accredited summer school program will be accepted for credit. Counselors will write letters of recommendation to any school for any student needing or wanting to take summer school.

EARLY GRADUATION:

Seniors wishing to graduate at the end of fall semester to go on to college or continue a post secondary training program must make application to do so in the spring or by the end of the first week of the fall semester. See your counselor for an application. The early graduation application includes student, parent, and counselor signatures. The student and parent will also provide letters identifying reasons for early graduation and plans after high school. Both the building administrator and the Board of Education must approve a student's application for early graduation.

FIFTH YEAR SENIORS:

Seniors who have insufficient credits for graduation in May can return in the fall of their fifth year to finish any incomplete graduation requirements. They will enroll in 7 courses.

OFF-SITE COLLEGE CLASSES FOR HIGH SCHOOL CREDIT:

Students may take courses by arrangement at a community college or 4-year college/university. A college class of 3 credit hours will be accepted for .5 credits at the high school. Junior students may enroll in one 3-credit hour class per semester. Seniors may enroll in two 3-credit hour classes per semester. Prior approval of the counselor and principal is needed.

THE LEARNING CENTER:

The Learning Center is a school designed to assist those students who need improved pupil learning through the creative instructional techniques tailored to the individual needs of students. The Learning Center increases learning opportunities as it is designed to meet the needs of at-risk high school students who are potential dropouts or past dropouts who experienced difficulty with traditional classroom instruction. TLC is located at 426 S Meridian. Students requesting admission to The Learning Center may be placed upon a waiting list by contacting the high school principal or counselor.

Four programs are available at The Learning Center:

- Degree Completion – Adults 18 or older who may attend evening classes;
- Summer School – Students may complete previously failed courses. .
- After School Program – Students may complete courses in the After School program that have previously been failed. . Students notify counselor to request approval to attend.
- Alternative Day Program – Students attending Valley Center High School may be referred for attendance at The Learning Center through referral by the Student Improvement Team. The individual student, a parent, teacher, counselor or principal may make referrals to the Student Improvement Team. These students must have good attendance at VCHS; minimal discipline referrals and are short credits for graduation. .

CLUBS AT VCHS:

Broadcasting Club	Letterwomen's Club
Chess Club	NFL-National Forensics League
Creative Writing Club	NHS-National Honor Society
CTSO (Career and Technical Student Org)	SADD (Students Against Destructive Decisions)
Drama Club	Scholar's Bowl
FCA (Fellowship of Christian Athletes)	Science Club
Friendship Club	Spanish Club
FCCLA (Family, Career & Community Leaders of America)	Student Council
History Club	TATU (Teens Against Tobacco Use)
	Varsity Lettermen's Club
	Youth Alive

ACTIVITIES AT VCHS:

Baseball	Debate	Yearbook	Track & Field
Basketball	Forensics	Newspaper	Vocal Music
Cheerleading	Football	Soccer	Volleyball
Cross Country	Golf	Softball	Wrestling
Dance Team	Tennis	Marching Band	Pep Band

VALLEY CENTER HIGH SCHOOL GRADUATION REQUIREMENTS

Twenty-six (26) credits are required for graduation. Credits earned in grades 9 through 12 are counted towards graduation. Passing grades of "D" or above must be earned for credit to be granted. All students must pass the following REQUIRED CLASSES:

1. English (4 credits)

Freshman English
Junior English

Sophomore English
Senior English

2. Science (3 credits) - two of which must be a lab science and one must be Biology*

Freshman: Environmental Science, Physical Science*,
Sophomore: a lab course, Chemistry* or Biology*
Junior/Senior: Chemistry*, Physics*, Biology* or other elective science
* = Lab Science

3. Mathematics (3 credits)

Freshman: Pre-Algebra, Algebra I or Geometry
Sophomore: Algebra I, Geometry, Algebra II or Pre Calculus
Junior/Senior: Geometry, Algebra II, or Pre Calculus, Calculus, elective or college math

4. Social Science (3 credits)

Sophomore: World History
Junior: U.S. History
Senior: U.S. Government

5. Physical Education (1 credit)

Freshman: Physical Dimensions (9th grade required for graduation-must be repeated if failed)

6. Language Arts (.5 credit)

Speech, Debate or Forensics, College Credit Speech meets Speech requirement

7. Fine Arts (1 credit)

.5 credit will be earned by taking one of the Language Arts credits listed in #6 above. The additional .5 credit may be earned by taking one course from the following eligible classes: Vocal Music, Instrumental Music, Art, Drama, Speech, Debate, Forensics, Journalism

8. Computer Applications (.5 credit)

9. Elective credits

11 elective credits

KANSAS REGENTS QUALIFIED ADMISSIONS REQUIREMENT

State of Kansas students must meet one of the following requirements to qualify for admission to any of the six Kansas Regents universities (Emporia State, Fort Hays State University, Kansas State University, Pittsburg State University, University of Kansas or Wichita State University):

- Achieve an ACT composite score of 21 or above; or
- Rank in the top one-third of your high school's graduating class; or,
- Complete the Qualified Admissions curriculum with at least a 2.0 grade point average (GPA) on a 4.0 scale
- Apply for the 10% exceptions window

Kansas Regents Qualified Admissions Curriculum

One of the ways you can meet university admission requirements is to successfully complete the Qualified Admissions Curriculum as outlined by the Kansas Board of Regents. You must complete the courses with at least a 2.0 grade point average (GPA) on a 4.0 scale. This is a C average.

Note: 1 unit = 1 year or 2 semesters

ENGLISH – 4 units required You must take at least one unit of English for each year of high school.

Although you are encouraged to take courses in journalism, speech, drama/theatre, and/or debate in addition to the English requirement; these courses **Cannot** fill any part of the English requirement.

NATURAL SCIENCE – 3 units required You must take three units chosen from the following courses: Biology; Advanced Biology; Anatomy & Physiology; Earth/Space Science; Chemistry**; Physics**

**At least one unit must be in chemistry or physics

MATH – 3 units required Students must take in high school one unit each of:
Algebra I; Algebra II; Geometry

If you completed any of the required math courses in middle school or junior high school, it will not count toward The Qualified Admissions math requirement. Completion of both Applied Mathematics I and II can be substituted for Algebra I only. You are strongly encouraged to take a mathematics course every year of high school.

SOCIAL SCIENCES – 3 units required

You must complete the following:

One unit of U.S. History and One-half unit of U.S. Government

One unit selected from:

Psychology
Economics
Civics
History
Current social issues
Sociology
Anthropology
Race and Ethnic Group Relations

One-half unit selected from:

World History
World Geography
International Relations

KANSAS REGENTS RECOMMENDED CURRICULUM **FOR SCHOLARSHIP CONSIDERATION** **(KANSAS HONOR SCHOLARS REQUIRED CURRICULUM)**

As a Kansas high school graduate, you may be eligible to be considered for the state-sponsored scholarship programs.

To be eligible to be considered for one of these scholarships, you must **COMPLETE ALL THE REQUIRED COURSES FOR THE QUALIFIED ADMISSIONS CURRICULUM**, plus an additional three units, as follows:

Note: 1 unit = 1 year or 2 semesters

NATURAL SCIENCE

To be eligible for scholarship consideration, you must take all three of the following courses:

Biology
Chemistry
Physics

MATH **1 additional unit (For a total of 4 units)**

In addition to Algebra I, Algebra II, and Geometry, you are required to complete at least one unit of

advanced mathematics selected from:

Analytic Geometry
Trigonometry
Advanced Algebra
Probability and Statistics
Functions
Calculus

FOREIGN **2 units required**

LANGUAGE You must complete two high school units in one foreign language.

State Scholar **designation** is based upon an index ranking which is a mathematical product of the seventh semester cumulative GPA and ACT Composite score. Therefore, students must meet two criteria to be **eligible** for State Scholar consideration:

- Take the ACT Assessment between April 1 of the sophomore year and December 31 of the senior year, and
- Complete the Kansas Scholars Curriculum.

Awards are based on financial need.

KANSAS ETHNIC MINORITY SCHOLARSHIP

This program is designed to assist financially needy, academically competitive students who are identified as members of any of the following ethnic/racial groups: African American, American Indian or Alaskan Native, Asian or Pacific Islander, or Hispanic.

The minimum academic requirements include **one** of the following: 1) ACT score 21 or SAT of 990; 2) Cumulative high school GPA of 3.0; 3) High school rank in upper 33%; 4) Completion of Kansas Scholars Curriculum; 5) Selection by National Merit Corporation in any category or; 6) Selection by College Board as a Hispanic Scholar. Applicants must complete the state application form and have their high school counselor complete the high school information form.

NCAA CLEARING HOUSE INITIAL ELIGIBILITY

Important Information about Division I

The Division I initial-eligibility requirements have changed. If you plan to enter college in 2008 or after, you will need to present 16 core courses in the following breakdown:

4 years of English

3 year of mathematics (Algebra I or higher)

2 years of natural/physical science (one must be a lab science)

1 year of additional English, math or science

2 years of social sciences

4 years of additional core courses (from any area listed above, or from foreign language, non-doctrinal religion or philosophy)

Students should register with the eligibility center by visiting the eligibility center Web site at www.ncaaclearinghouse.net during their junior year.

***Please schedule a conference with the counselor if you plan on participating in athletics at a Division I or Division II school.**

ART

Art Basics

Course Number: 1300

This course provides the beginning art student the opportunity to explore a wide variety of art mediums, art processes, and art history. The course will examine the reasons for studying art, explore a variety of art related careers, and understand various cultures and art history while introducing the various art mediums: drawing, painting, printmaking, sculpture, and ceramics. The course teaches basic concepts, ideas, as well as the elements and principles of design and how to relate these experiences to present day interests. Project work, daily journal, active participation, and exam scores will determine the majority of the grade. Art Basics is a prerequisite to all other art classes.

Prerequisite: none

Grade Level: 9-12

Length: semester

Credit: 0.5

Supplies Needed: Sketchbook for daily journal and a 12" or 18" ruler

Art II

Course Number: 1301

This course is a continuation of concepts and skills developed in Art I. Drawing continues to be the major emphasis during this semester course. Practice and refining drawing skills are evaluated at a more critical level. Grading is based upon daily work approach, drawing skill improvement, and participation in class activities. Remainder of grading is based upon art projects and exam grades.

Prerequisites: Art Basics

Grade Level: 9-12

Length: semester

Credit: 0.5

Supplies Needed: Notebook for daily journal

Art III

Course Number: 1302

This course begins by reviewing the drawing concepts learned in Art I and II. These concepts are then applied to a wider range of artistic mediums like scratch board and pen and ink. Grading criteria remains the same with an increased level of scrutiny and one-on-one critiques with the instructor.

Prerequisites: Art II

Grade Level: 10-12

Length: semester

Credit: 0.5

Supplies Needed: Notebook for daily journal

Art IV

Course Number: 1303

This course asks students to continue to refine their drawing skills while continuing to expand their exposure to different mediums. Color theory is explored in depth with an introduction to colored pencil and pencil pastels. Evaluation becomes more of a one-to-one level between teacher and student with class critiques involving all students.

Prerequisites: Art III

Grade Level: 10-12

Length: semester

Credit: 0.5

Supplies Needed: Notebook for daily journal

Studio Art Portfolio

Course Number: 1305/1306

This course is designed for the advanced art student who is considering a career in an art-related field, who is looking at going to college for art, and/or who is interested in pursuing art as a life-long hobby. The curriculum for this course focuses on creating and developing a professional Art Portfolio for post secondary level of study, participation in art contests/competitions throughout the year, and completion of at least one community project. Students will complete research projects on career avenues and on a selected artist, medium or technique studies that includes a written report and culminating artwork in the style, medium, or technique studies. This class may be repeated for credit.

Prerequisites: Application and teacher approval

Grade Level: 11-12

Length: Semester

Credit: 0.5

Supplies Needed: Occasional out-of-pocket expenses for special needs

Digital Photography

Course Number: 1309

This class is for students wishing to communicate visually in photographic work utilizing digital imaging processes. Emphasis will be given to both hardware and software as it relates to the imaging process. Camera functions, picture-taking techniques, subject selection, composition, self-assessment and critique methods of self and other's work, image alteration and manipulation will be covered. This will be accomplished through solving visual problems using a digital camera. Competitions and display of work will be expected.

Prerequisites: Art I & Art II and/or teacher approval and Application
Length: Semester

Grade Level: 10-12
Credit: 0.5

BUSINESS

Keyboarding/ Intro to Word Processing

Course Number: 1014

This course teaches students to operate the alphabetic and numeric keypad by touch and begins development of acceptable speed and accuracy levels. Formatting of basic word processing documents will be introduced using Microsoft Word 2007.

Prerequisite: none
Length: semester

Grade Level: 9-12
Credit: 0.5

Keyboarding Quiz Out

Keyboarding Quiz Out is available—see counselor for information and study guide. Quiz out sessions are held at the beginning of fall and spring semesters for high school students. 8th grade students may have the opportunity to quiz out of keyboarding in the spring of their 8th grade year at the high school.

Computer Applications

Course Number: 1087

This course introduces students to Microsoft Office 2007 for Windows--Word (word processing), Excel (spreadsheet), Power Point (presentation), and Access (database)--and teaches practical applications of the software. This course fulfills the Computer Applications graduation requirement beginning with the class of 2010. The course fulfills half of the technology requirement toward Qualified Admissions Curriculum and Kansas Scholars Curriculum.

Prerequisites: Keyboarding with average proficiency or better
Length: semester

Grade Level: 9-12
Credit: 0.5

Advanced Computer Applications

Course Number: 1055

This course utilizes skills learned in Computer Applications while teaching students advanced features and the integration of applications of Microsoft Office 2007 for Windows. The students continue to learn and apply Word, Excel, PowerPoint and Access. Outlook will be introduced. Students also learn Internet terms and history. The course fulfills half of the technology requirement toward Qualified Admissions Curriculum and Kansas Scholars Curriculum.

Prerequisites: Computer Applications
Length: semester

Grade Level: 10-12
Credit: 0.5

Web Page Design

Course Number: 1030

Students create Web pages with a text editor (Home Site) and Macromedia Dreamweaver using HTML tags. Topics include adding hypertext links to pages, using tables or frames to design the layout of a page and adding images and color to pages.

Prerequisite: Computer Applications

Grade Level: 10-12
Credit: 0.5

Accounting I

Course Number: 1035/1036

This course introduces students to accounting concepts and principles affecting the accounting equation. The accounting cycle for a service/proprietorship business is covered as well as for a merchandising/corporate business. It provides the skills, knowledge, and attitudes necessary for an individual to conduct personal business or to further an education in the field of accounting. Some computerized accounting is learned as well.

Prerequisites: Computer Applications
Length: year

Grade Level: 10-12
Credit: 0.5 per semester

Computerized Accounting II**Course Number: 1040/1041**

This course is designed for students interested in pursuing the study of accounting at the post-secondary level or seeking a beginning position upon graduation from high school. The course provides students an opportunity to review and further develop the basic/fundamental accounting principles learned in Accounting I. Students develop additional skills in applying those principles used in accounting systems and methods commonly found in business. Students apply skills learned to manage the school store's financial records.

Prerequisites: Accounting I
Length: year

Grade Level: 11-12
Credit: 0.5 per semester

Office Technology**Course Number: 1074**

Office Technology offers students who have taken all the computer applications courses an opportunity to review and tie them together in project-based applications. Microsoft Office 2007 applications are utilized: Word, Excel, Access, PowerPoint and Outlook. Students learn to operate a 10-key calculator; they also learn and apply basic alphabetical filing rules.

Prerequisites: Adv. Computer Applications
Length: semester

Grade Level: 12
Credit: 0.5 per semester

Office Technology On-The-Job Training (OJT)**Course Number: 1076/1077**

Students will obtain school credit for part-time clerical/office/accounting work at school approved training stations. Students will be released from school to work with approval.

Prerequisites: Concurrent enrollment in Office Technology
Length: year

Grade Level: 12
Credit: 0.5 per semester/per
hour scheduled

Marketing I**Course Number: 1085/1086**

This year long course introduces students to marketing principles and practices such as careers, ethics, social responsibility, free-enterprise, economic structures, selling, promotion, and product development. Students will also gain skills in communication, leadership, human relations, customer service, and marketing careers. Marketing students are required to participate in the business Career and Technical Student Organization(CTSO). CTSSO is a co-curricular organization that provides training in business concepts and focuses on developing leadership, communication, and career skills and is an integral part of the marketing curriculum.

Prerequisites: Computer Applications
Length: year

Grade Level: 10-12
Credit: 0.5 per semester

Marketing II**Course Number: 1060/1061**

This course is a continuation of Marketing I, focusing on skills and information needed for a management position. Emphasis will be on pricing and purchasing decisions, marketing research, and other variables of product/service planning. Students will complete a written marketing research project throughout the course of the year. Students apply information throughout the course to work in "The Buzz Barn," which is the school's retail store. Marketing students are required to participate in the business Career and Technical Student Organization(CTSO). Students enrolled are eligible for Marketing OJT.

Prerequisites: Marketing I
Length: year

Grade Level: 11-12
Credit: 0.5 per semester

Marketing II On-The-Job Training (OJT)**Course Number: 1062/1063**

Students will obtain school credit for part-time marketing/retail sales related work at school approved training stations. Students will be released from school to work.

Prerequisite: Enrollment in Marketing II
Length: year

Grade Level: 12
Credit: 0.5 per semester/per
hour scheduled

Entrepreneurship**Course Number: 1072/1073**

The Youth Entrepreneurs of Kansas course teaches free enterprise fundamentals through hands-on experiences. It encourages students to start their own business, enhance their business skills for future career opportunities, and continue higher education. Established by 1991 by the Charles G. Koch Foundation, it is a licensed program of the National Foundation for Teaching Entrepreneurship and will be financed by a local Valley Center resident. Each student writes a business plan, participates in classroom competitions, and receives credit for successfully meeting graduation requirements established by the curriculum. Maximum of 15 students.

Prerequisite: none

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Oracle I**Course Number: 1088/89**

This course is a strategic partnership between the school and Oracle Internet Academy, the world's leading supplier of software for information management. Students will learn to design databases, program in Java and cultivate integral business skill such as project management. Students will have the latest Oracle database technology using web-enabled software. Upon completion students will have the opportunity to test for certification from the IT industries leader in database and information management. This course will be taught 7th period at The Learning Center. Students will need to provide their own transportation to The Learning Center campus.

Length: One year

Grade level: 11-12

Prerequisite: Adv. Computer Apps

Credit: 0.5 per semester

ENGLISH/LANGUAGE ARTS

Each grade level will focus on the use of the six-trait analytical writing model.

English Interventions**Course Number: 1800/1801**

Students falling below grade level on the district reading test are required to take this class. This class is designed to improve the reading abilities of students, to improve study and vocabulary skills, and to help students develop critical thinking skills essential to learning. Those wishing to improve reading and study skills may take it as an elective with teacher approval.

Prerequisite: falling below grade level or teacher approval

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Freshman English**Course Number: 1805/1806**

This course emphasizes writing, grammar, vocabulary and literary analysis. Students are challenged to enhance their critical thinking skills. Concepts of literary analysis are introduced and practiced through the reading of novels, plays, short stories, and essays. Students complete a library/research project.

Prerequisite: None

Grade Level: 9

Length: year

Credit: 0.5 per semester

Pre-AP English 9 (Advanced Placement)**Course Number: 1810/1811**

This course offers a challenge to the students who excel in language arts by exploring material beyond that offered through the standard English 9 curriculum. This course equips intrinsically motivated, task-oriented, proficient readers, and disciplined writers with strategies and tools they need to engage in active, high-level learning. The course ensures that students will develop the skills, habits of mind, and concepts they need to succeed in Advanced Placement classes in high school and the rigors of college. This course follows a rigorous pace and requires daily homework; all reading is done outside of class for in-class analysis. The overall goal for this course is to analyze literature that has greatly affected the academic world, while at the same time developing effective skills as both readers and writers.

Required Summer Reading: Anthem by Ayn RandPrerequisite: A or B in 8th Grade English

Grade Level: 9

Length: year

Credit: 0.5 per semester

Sophomore English

Course Number: 1815/1816

This course is a survey of English that includes an extensive review of grammar and sentence structure. A review of literary concepts through the reading of short novels, plays, short stories and poetry is also included. Writing skills emphasized include short essay writing and introduction of research skills. A career unit is included in this course. Students may not enroll in this class unless they have passed at least one semester of Freshman English.

Prerequisite: Freshman English; Teacher/Counselor recommendation

Grade Level: 10

Length: year

Credit: 0.5 per semester

Pre-AP English 10 (Advanced Placement)

Course Number: 1820/1821

This course offers a more rigorous curriculum for students who excel in language arts by exploring material beyond that offered through the regular Sophomore English curriculum. This course equips intrinsically motivated and enthusiastic students with the strategies and tools they need to engage in active, high-level thinking and learning. The course is designed to ensure that students will develop the analytical reading and writing skills, study habits, and higher-level thinking abilities necessary to succeed in future high school AP courses and in future college course work. Students should prepare themselves of reading 20-30 pages a night outside of class. In addition, student will be writing several major papers and numerous smaller papers throughout the semester. Students should expect approximately 45-60 minutes of homework overall per night.

Prerequisite: A or B in Pre AP English 9

Grade Level: 10

Length: year

Credit: 0.5 per semester

Junior English

Course Number: 1830/1831

This course covers American literature, grammar, and composition, with an emphasis on research paper skills. Students may not enroll in this class unless they have completed both semesters of Freshman English and one semester of Sophomore English.

Prerequisite: Sophomore English

Grade Level: 11

Length: year

Credit: 0.5 per semester

AP Language & Composition (Advance Placement)

Course Number: 1835/1836

Offering a more rigorous curriculum, AP® Language & Composition is designed to improve students' proficiency in advanced reading and writing skills. Using the rhetorical analysis of nonfiction and fiction genres, students will hone their composition and critical reading skills. Equivalent to a college-level class, the course will enable students to become more confident and effective in their writing, thus better preparing them for academic and professional writing.

To achieve the goals of this rigorous curriculum, the course requires expository, analytical, and argumentative writing, usually critically responding to the literature read for class. Through thematic units, students will study and discuss the relationships between subject, author's purpose, audience, and rhetorical strategies. In order to prepare for the AP® test in Language and Composition, not only will students complete several timed writings, but they will also respond to multiple choice questions for selected readings.

Prerequisite: A or B in Sophomore English

Grade Level: 11

Length: year

Credit: 0.5 per semester

Senior English

Course Number: 1845/1846

This course stresses the application of foundational skills in grammar and writing, culminating in a problem-solution research paper. British and various world-famous authors are covered in literature. Students may not enroll in this class unless they have completed both semesters of freshman and Sophomore English and at least one semester of Junior English.

Prerequisite: Junior English

Grade Level: 12

Length: year

Credit: 0.5 per semester

Accelerated Senior English

Course Number: 1850/1851

The accelerated level English course expands upon the essential skills of Senior English by asking students to explore content in more depth. Utilizing AP[®] strategies (DIDLS, TPCASTT, OPTIC, etc.), students will hone critical thinking and composition skills to college-level expectations. Students may enroll in this class if they have completed both semesters of freshman, sophomore, and Junior English having earned an A or B semester grade in all English classes. Students must score at grade level or above on standardized tests in reading—ITED of proficient or above on the Kansas Reading Assessment. Students must score at grade level or above on standardized tests in reading—ITED of proficient or above on the Kansas Reading Assessment.

Prerequisite: All other English requirements with A or B grade
Length: year

Grade Level: 12
Credit: 0.5 per semester

Senior English Technical Writing

Course Number: 1847

This course will help student's master short compositions, both academic and technical. Compositions in the course may include an example essay, memo, classification, comparison/contrast, letter of self-recommendation, a resume for college and/or work, and a business proposal. Students will also design an effective multimedia presentation and learn how computers aid in the writing process. Writing skills are developed in such a way that they apply to real-life scenarios in college and the workplace. Students may not enroll in this class unless they have completed both semesters of freshman and Sophomore English and at least one semester of Junior English. **This course is required for students who intend to graduate at mid-term and fulfills a 0.5 Senior English credit.**

Prerequisite: Junior English
Length: semester

Grade Level: 12
Credit: 0.5

Senior English Technical Reading

Course Number: 1848

This course presents literature from various time periods and cultures, with an emphasis on British and world authors, as well as contemporary writing. Students are expected not only to read the literature and be tested on its content, but also to discuss and analyze it, both orally and in writing. They do individual critical reading/writing assignments outside of class. Reading skills are developed in such a way that they encourage students to relate what they read to their own lives and to the contemporary world. Students may not enroll in this class unless they have completed both semesters of Freshman English and Sophomore English and at least one semester of Junior English. **This course is required for students who intend to graduate at mid-term and fulfills a 0.5 Senior English credit.**

Prerequisite: Junior English
Length: semester

Grade Level: 12
Credit: 0.5

Senior English College Credit

Course Number: 1008/1009

In this course students can earn VCHS Senior English credit concurrently with earning 6 hours of college credit from Wichita State University—English 101 & 102. Requirements to enroll in this course are: paying WSU tuition and application fees, meeting the requirements of the course, enrolling in English Composition 101 (3 hours of college credit) during the first semester and English Composition 102 (3 hrs of college credit) during the second semester. Students must earn letter grade of C or better to enroll in the second semester of the course, WSU English 101 & 102. Purchase required WSU textbook.

Prerequisite: **3.0 Cumm. GPA and ACT English score of 20** is required by the April ACT or prior ACT for the semester before the student may enroll in this class. Counselor permission required due to limited space. Students must be admitted to WSU as a guest student.

Length: one or two semesters, if both courses taken
WSU tuition & fees

Grade Level: 11 - 12
Credit: 0.5 per semester

Speech

Course Number: 1860

This course, which meets the speech requirement for graduation, provides basic communication skills. Areas of emphasis include the communication process, interpersonal skills, job interviewing, group processes and public speaking. Speech performance in front of the class is required.

Prerequisites: none
Length: semester

Grade Level: 9-12
Credit: 0.5

Speech College Credit

Course Number: 1005

This course meets speech requirement for graduation. This semester course can be taken at the 11th and 12th grade levels when students enroll for credit in Wichita State University, Communication 111 course. Students must pay WSU tuition and application fees to be eligible to enroll in this class. The student must also purchase the required WSU textbook. Gifted students may enroll as sophomores with counselor permission.

Prerequisite: **3.0 Cumm. GPA**

Length: semester

WSU tuition & fees

Grade Level: 11-12

Credit: 0.5

Debate

Course Number: 1875

This course may substitute for the Speech requirement for graduation. Debate presents the basic speaking and reasoning skills needed for competitive debate. Students study negative and affirmative responsibilities, research techniques, organization, argumentation, and speaking skills. Students are required to participate in three debate tournaments. Students must score proficient or above on the previous Kansas State Reading Assessment or similar standardized test to enroll in this course.

Prerequisites: Students must be academically eligible.

Length: semester

Grade Level: 9-12

Credit: 0.5

Forensics

Course Number: 1874

This course may substitute for the Speech requirement for graduation. Forensics prepares students for participation in competitive situations. They work individually on oral interpretation of short stories and poetry, dramatic interpretation, oratory, extemporaneous and informative speaking, Lincoln-Douglas debate, and Student Congress. Students are required to participate in three tournaments.

Prerequisites: Students must be academically eligible.

Length: semester

Grade Level: 9-12

Credit: 0.5

Advanced Debate

Course Number: 1876

This course builds on fundamentals learned in Debate. Emphasis is placed on original research, rebuttal skills, and negative strategies. Counterplan and critique theory are introduced. The course may be repeated for credit with approval of instructor.

Prerequisites: Debate; students must be academically eligible

Length: semester

Grade Level: 10-12

Credit: 0.5

Advanced Forensics

Course Number: 1877

This course builds on the fundamentals learned in Forensics. Emphasis is placed on research, speaking skills, character development and performance. The course may be repeated for credit with approval of instructor.

Prerequisites: Forensics; students must be academically eligible

Length: semester

Grade Level: 10-12

Credit: 0.5

Media Investigations

Course Number: 1872

This course helps students analyze media and its impact on their lives. Students investigate forms of media; its role in society and both positive and negative effects that mass media (particularly motion pictures and television) have had on our lives. Students will gain hands-on experience with writing and filming projects such as news shows, short films, and advertisements.

Prerequisites: none

Length: semester

Grade Level: 10-12

Credit: 0.5

Journalism

Course Number: 1863

Journalism is a basic course designed to teach all aspects of journalism. Students will learn about the history of mass media and its effect on society, but more importantly, will learn practical journalism. This course is designed to turn the novice into competent scholastic journalists, and is perfect for students who wish to work on their high school newspaper, yearbook or broadcast classes.

Prerequisites: none

Length: semester

Grade Level: 9-12

Credit: 0.5

Newspaper**Course Number: 1865/1866**

The newspaper class publishes the school paper every three weeks. All aspects of newspaper writing are studied. Photography and layout are explored. This course may be repeated for credit.

Prerequisites: Keyboarding preferred, Application required. Selection by instructor.

Length: year

Grade Level: 11-12

Credit: 0.5 per semester

Yearbook**Course Number: 1870/1871**

Yearbook class produces an annual on time and successfully finances it. Many skills are taught in the course to reach this goal. Working with others, taking responsibility, and individuality are learned. The specific areas included are organization, theme selection, layout, copy writing, photography, and finance. This course may be repeated for credit.

Prerequisites: Keyboarding, Application required. Selection by instructor.

Length: year

Grade Level: 11-12

Credit: 0.5 per semester

Intro to Drama**Course Number: 1857**

Students get an overview of theater history, study significant plays and terms, work with acting techniques, makeup, and set design. Students memorize and perform short scenes.

Prerequisites: None

Length: semester

Grade Level: 9-12

Credit: 0.5

Theater Performance**Course Number: 1858**

Students study a number of plays with emphasis on performance skills: physical/vocal freedom and control, text analysis, improvisation, role preparation, and working in an ensemble. Students memorize and perform longer scenes than those in the intro course. Students work with writing and performing for children. A public performance is required. This could be an evening of one-acts or performances at the grade schools or middle school. Students will be involved in all aspects of the production, including set design, costuming, and publicity. This course may be repeated for credit.

Prerequisites: Intro to Drama or teacher recommendation

Length: semester

Grade Level: 10-12

Credit: 0.5

Advanced Theater Techniques**Course Number: 1859**

This class is for serious acting students. Students study a number of plays with an emphasis on directing, set design, program and poster design, budgeting, costuming, makeup, lighting, and performance. Students will be responsible for helping with publicity, set design, and construction for the all-school play, musical, and/or Highlight Show. This course may be repeated for credit.

Prerequisites: Intro to Drama or teacher recommendation

Length: semester

Grade Level: 10-12

Credit: 0.5

The Mystery Novel**Course Number: 1804**

Through reading and analysis, students examine the history, development, and future trends of the mystery novel. Students use both deductive and inductive reasoning when discussing the clues in forecasting and compiling data to determine the perpetrator of the specific crime, and the technique used by the writers to achieve their desired results. The students examine plot development and the use of character development as they study the detective novel from its beginning to the present form in novels, short stories, plays, and films. Emphasis is on reading for enjoyment. Students write a short detective story. Group activities include video taping scenes to demonstrated knowledge of suspenseful play development.

Prerequisites: none

Length: semester

Grade Level: 9-12

Credit: 0.5

World Literature

Course Number: 1807

Through reading and analysis, students study archetypes and common themes in a wide range of cultures and locations. Most students have had at least an introduction to Greek and Roman mythology. Eastern, African, Scandinavian, Egyptian, North American, South American and Aboriginal cultures and literature are explored. This class surveys a wide range of common themes such as creation myths, the trickster stories, hero tales and fairy tales from around the world and from prehistory to recent times. Similarities in fairy tales from many locations are covered.

Prerequisites: none
Length: semester

Grade Level: 9-12
Credit: 0.5

Gothic Literature

Course Number: 1808

Gothic Literature predominately focuses on the themes of good versus evil and the psychological working of the human mind. These themes are explored in depth through a detailed survey of Gothic Literature from Mary Shelley to Stephen King. Primarily a literature course, reading and participating in classroom activities and discussion are requirements. Students look for symbols, recurring motifs, and allegory in various works of literature and poetry. Students must score proficient or above on the previous Kansas State Reading Assessment or similar standardized test to enroll in this course.

Prerequisites: none
Length: semester

Grade Level: 10-12
Credit: 0.5

Individualized Reading

Course Number: 1867

Individualized Reading students will read in class and at home from a list of novels, which are classics, relevant contemporary novels, or novels by Nobel Prize winning authors. The list consists of approximately 130 novels. Each novel has a numerical value worth one to seven points, weighting the novels for literary value and difficulty. These novels will be carefully selected so that the curriculum in other classes is not overlapping. The students will be encouraged to develop a wide range of reading interests and to probe more deeply into the meaning of the story under the guidance of the teacher. The student will prepare a report on each book and have a conference about each novel with the teacher. The report will cover literary terms such as plot, theme, setting, historical significance, and purpose. The student must prepare the typed report before a conference can be held. As a semester final the student will write a thematic paper of 1500 words that includes five (5) to six (6) of the novels he/she has reported on during the semester.

Prerequisites: none
Length: semester

Grade Level: 11-12
Credit: 0.5

Creative Writing

Course Number: 1879

In Creative Writing students will express themselves creatively and imaginatively through writing within the genres of short story, poetry, and children's literature. Technology will be emphasized in the Creative Writing classroom as the students learn to illustrate their writings with pictorial graphics and design. Artistically, the work will be enhanced by the thematic application of design. The students will read their work to each other as well as outside audiences. Upon completing the Children's Literature Unit, the students will read their children's books to the grade school students, determining the grade appropriateness of their stories. Students will complete the semester by publishing their own Creative Writing book, which is a compilation of each student's best works from the semester. These Creative Writing books can be placed in local offices, library, and businesses for the public to read.

Prerequisites: A or B in Freshman & Sophomore English
Length: semester, class may be repeated for credit with permission.

Grade Level: 11-12
Credit: 0.5

FAMILY & CONSUMER SCIENCE

Apparel Production

This course introduces students to basic sewing and pressing equipment, textiles, introductory level project construction techniques and techniques for constructing edge finishes.

Prerequisites: none

Length: semester

Course Number: 1500

Grade Level: 9-12

Credit: 0.5

Apparel Production II

This course introduces students to higher level sewing, serger, and pressing equipment, reviews the type of fabric construction, makes an intermediate level project using correct construction techniques.

This class may be repeated for credit.

Prerequisites: Apparel Production

Length: semester

Course Number: 1501

Grade Level: 9-12

Credit: 0.5

Fashion Merchandising

This course will prepare students for careers or post secondary programs related to the fashion-textile business and industry. Students learn to principles of design, merchandising methods, product development, product promotion, and sketching and garment construction techniques for the fashion design and production industry. Career opportunities are investigated and skills provided that lead to successful employment in the areas of fashion and textiles. Students will put on a Fashion Show.

Prerequisites: none

Length: semester

Course Number: 1502

Grade Level: 10-12

Credit: 0.5

Textile Production

This course is for students interested in working with different textiles such as floss and yarn. Students will manipulate different textiles into wonderful products such as pictures, afghans, potholders, and washcloths. Project supplies and materials will need to be purchases by the student.

Prerequisites: none

Length: semester

Course Number: 1515

Grade Level: 9 -12

Credit: 0.5

Foods and Nutrition

Understanding the basics in the food world is the focus of this class. Cooking terms, use of kitchen equipment, kitchen safety and simple meal planning will be covered in this course. Students will try new foods from various food groups and understand the contribution to nutrition from these groups.

Information will be presented via videos, lectures, projects and applied in cooking groups. College credit with Butler Community College is available if all three foods classes are taken.

Prerequisites: none

Length: semester

Course Number: 1505

Grade Level: 9-12

Credit: 0.5

Food, Nutrition and Wellness

A quality lifestyle impacts physical, emotional, and social health on a daily basis. The nutritional choices made today will affect life expectancy, reproductive health, and risk factors for disease. The ability to competently plan strategies for choosing, acquiring, preparing and storing foods will affect overall health and wellness. This class will explore the various nutrients and their contribution to health and wellness through lecture, projects, videos and application in cooking groups. College credit with Butler Community College is available if all three foods classes are taken.

Prerequisites: Foods and Nutrition

Length: semester

Course Number: 1506

Grade Level: 10-12

Credit: 0.5

Food, Nutrition and Your Future**Course Number: 1508**

This course will prepare students for careers or post secondary programs related to the Culinary Arts/Baking and Pastry business and industry. Students will develop skills in safety and sanitation, and basic techniques required in food preparation. This class will explore the finer details of cooking – herbs and spices, garnishes, and meal presentation – and will take a look at the business end of the industry. College credit with Butler Community College is available if all three foods classes are taken.

Prerequisites: Food, Nutrition and Wellness

Grade Level: 10-12

Length: semester

Credit: 0.5

Family Living**Course Number: 1520**

The effects of personal life choices - determined by normal and unexpected life changes - impact the well-being of family, career and society life. To study and practice what is involved in making these choices enables students to make healthier choices and impact the family, the work-force, and the community. This course taken with Parenting & Child Development is articulated at Butler Community College.

Prerequisites: none

Grade Level: 10-12

Length: semester

Credit: 0.5

Personal Financial Management**Course Number: 1523**

Managing resources to achieve personal and family goals; making informed consumer decisions; creating financial stability; and maintaining a healthy living environment.

Prerequisites: none

Grade Level: 10-12

Length: semester

Credit: 0.5

Parenting and Child Development**Course Number: 1524**

Strong, positive parenting skills are critical in today's world. The effect of these skills impacts home and employment situations. This class will be beneficial to all students, even those who do not plan on becoming parents. This class along with Family Living is articulated at Butler Community College.

Prerequisites: none

Grade Level: 10-12

Length: semester

Credit: 0.5

Interior Design**Course Number: 1504**

This course will prepare students for careers or post secondary programs related to housing and interiors in business and industry. Projects are integrated throughout the course to provide authentic application in design basics, color, lighting, furniture styles and design. Students will have the opportunity to explore and experience career options in the Interior Design and Furnishings Industry.

Prerequisites: none

Grade Level: 10-12

Length: semester

Credit: 0.5

Exploring Teaching as Career I and II**Course Number: 1512/1513**

Semester one of this course will explore the field of education as a teacher and provide students with information about the challenges and opportunities offered by a career in education. Students will examine and develop lesson plans based on knowledge from research and observation of other teachers in their field of interest. Semester two will examine the learning environment of classroom, communication through the use of questioning and discussion techniques, and using assessments. Students will explore aspects of the professional side of teaching through FCCLA or other Career Technical Student Organization.

Prerequisites: Parenting and Child Development, Family Living

Grade Level: 11

Length: year

Credit: 0.5

FOREIGN LANGUAGES

Spanish I

In Spanish I students learn to read, write, speak, and understand Spanish. Daily participation and attendance is a must. Students engage in paired, small group and whole class activities, which develop their oral proficiency. The students also learn about the various ethnic groups that speak Spanish, their cultures, customs, and belief systems. The class is taught using music, video, and a variety of communicative activities. Bringing food to class occasionally is required.

Prerequisites: none

Length: year

Course Number: 1880/1881

Grade Level: 9-12

Credit: 0.5 per semester

Spanish II

In Spanish II students review the foundations learned in Spanish I and develop them further. The format of Spanish II will be very similar to that of Spanish I.

Prerequisite: Spanish I

Length: year

Course Number: 1885/1886

Grade Level: 10-11

Credit: 0.5 per semester

Spanish III

In this class, which is taught entirely in Spanish, students continue to develop their proficiency in Spanish. The techniques and activities employed in Spanish I & II are developed further, and there is more emphasis on conversation, reading, and discussion of authentic materials.

Prerequisites: Spanish II

Length: year

Course Number: 1890/1891

Grade Level: 11-12

Credit: 0.5 per semester

AP Spanish Language/Heritage Speaker

In this class, which is taught entirely in Spanish, students continue to develop their proficiency in Spanish. The techniques and activities employed in Spanish I & II are developed further, and there will be more emphasis on conversation, reading, and discussion of authentic materials including practical applications, Oral Proficiency Interview (ACTFL) and AP test preparation.

Prerequisites: Spanish III (non-native speakers)

Quiz out of Spanish III finals with C (native speakers)

Length: year

Course Number: 1895/1896

Grade Level: 11-12

Credit: 0.5 per semester

MATHEMATICS

To enroll in a math class, a student must successfully complete both semesters of the previous course with a passing grade. Students may not be enrolled in a mathematics course at a lower level than that of a mathematics course successfully completed.

Math Interventions

Students falling below grade level on the district math tests are required to take this class. This class is designed to improve

Prerequisite: falling below grade level or teacher approval

Length: year

Course Number: 1700/1701

Grade Level: 9-12

Credit: 0.5 per semester

Pre-Algebra

Course Number: 1707/1708

Pre-algebra is a course that provides a smooth path from elementary arithmetic to algebra and from the visual world to geometry. Topics covered include measurement (English and Metric), variables, problem solving, formulas, number systems, equations, graphing, data analysis and probability, and some basic geometry concepts including transformations. Emphasis is placed on interactive techniques used to solve real-world applications problems. This class counts for VCHS math credit but does not count toward Regents Curriculum math credits. Teacher recommendation may allow for student to enroll in Geometry the following year.

Prerequisite: Teacher recommendation

Grade Level: 9 -11

Length: year

Credit: 0.5 credit per semester

Supplies Needed: Scientific Calculator

Algebra I

Course Number: 1705/1706

The purpose of this course is two-fold: a) To develop the ability to organize information enabling the student to solve mathematical problems using patterns rather than concrete mathematical computational skills; and b) to assist the students who plan to continue studies in math and/or science. Course content includes a study of signed numbers, linear and quadratic equations, application problem solving, polynomials, and basic graphing.

Prerequisites: none

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Scientific calculator recommended

Informal Geometry

Course Number: 1713/1714

This course will cover a variety of topics including mathematical reasoning and proof, properties of triangles (similarity and congruence), properties of perpendicular lines, coordinate geometry, area of two- and three-dimensional figures, circles, and transformational geometry. Emphasis is placed on interactive techniques used to solve real-world application problems. This class counts for VCHS math credit but does not count toward Regents Curriculum math credits.

Prerequisite: Algebra I

Grade level: 9-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Compass, protractor, ruler and scientific calculator is recommended

Geometry

Course Number: 1710/1711

This is a study of points, lines and planes. Properties of geometric figures are proven both formally and informally. Right triangle problems are solved using trigonometric functions. Formulas are reviewed--- area, volume, etc.

Prerequisite: Algebra I

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Compass, protractor, ruler and scientific calculator is recommended

Intermediate Algebra

Course Number: 1760/1761

This course offers skill-level knowledge of algebra and can help a student prepare for College Algebra. The student will review basic algebra concepts, including solving equations and inequalities, graphing linear and nonlinear equations and inequalities, solving systems of equations and adding, subtracting, multiplying, dividing and factoring polynomials. In addition the student will solve equations and inequalities involving absolute values, rational polynomials, exponentials, logarithms, radicals apply factoring, completing-the-square, and the quadratic formula to solve quadratic equations, graph and identify the equations for conic sections, solve systems of equations using graphical, algebraic and matrix technique and technology when appropriate to help solve problems both inside and outside of math.

Prerequisites: Geometry or Informal Geometry

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Graph paper, straightedge and TI graphing calculator (TI-84 Plus Silver preferred)

Algebra II

Course Number: 1715/1716

This is a study of the number system, real and complex. Fundamental operations with polynomials are reviewed and extended. This course is a study of mathematical functions, which includes linear, quadratic, exponential, and trigonometric.

Prerequisites: Geometry or Informal Geometry

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Graph paper, straightedge and TI graphing calculator (TI-84 Plus Silver preferred)

College Algebra

Course Number: 1750/1751

In this year-long course students can obtain VCHS Senior Mathematics credit concurrently with college credit from WSU. The first semester is a study of Linear, Exponential and Logarithmic Functions.

Second semester includes an introduction to trigonometry and students will learn techniques for solving systems of equations. Students who earn a grade of "A" or "B" in the first semester of the course may be eligible to enroll in and receive three credit hours of College Algebra from WSU. WSU tuition and fees are required. Students may be required to purchase WSU textbooks.

Prerequisite for college credit: 3.0 Cumm. GPA and Grade of "B" or higher in first semester. Admission to WSU as a guest student

Length: year

Grade Level: 12

WSU tuition & fees

Credit: 0.5 per semester

Consumer Problems

Course Number: 1725/1726

This course is a review of mathematical skills as applied to everyday consumer problems. Knowledge of buying, wages, checking and savings accounts, taxes, stock market, housing, transportation, and budgets are some of the topics covered.

Prerequisite: none

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Supplies Needed: A basic scientific calculator

AP Statistics

Course Number: 1730/1731

This course is an advanced mathematics course. A strong emphasis will be placed on critical thinking skills and problem solving. Students will prepare for taking the AP Exam given in May. Students will be asked to form hypotheses, collect and analyze data, explain methods, interpret results and communicate effectively by showing methods used to obtain answers on homework and testing.

Prerequisites: Algebra II

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Supplies Needed: TI graphing calculator (preferably the TI-84 Plus Silver)

Pre-Calculus

Course Number: 1720/1721

In this year-long course students can obtain VCHS Senior Mathematics credit and/or college credit from WSU. The first semester is a study of Linear, Exponential and Logarithmic Functions. Second semester topics are Analytic Geometry (a study of line, circle, ellipse, parabola, and hyperbola) and an introduction to calculus. Students who earn a grade of "A" or "B" in the first semester of the course may be eligible to enroll in and receive five credit hours of Pre-Calculus from WSU. WSU tuition and fees are required. Students may be required to purchase WSU textbooks.

Prerequisites: Algebra II

Grade Level: 11-12

Prerequisite for college credit: 3.0 Cumm. GPA and Grade of "B" or higher in first semester. Admission to WSU as a guest student

Credit: 0.5 per semester

Length: year

Supplies Needed: A TI-82 or TI-83 graphing calculator

AP Calculus (Advanced Placement)**Course Number: 1735/1736**

AP Calculus is a high-level mathematics course, which covers the basic problems of tangent lines to a curve and area under a curve. This course is the culmination of a high school student's preparation for post-secondary math courses and adheres to a national curriculum established by the College Board. Students may choose to take the Advanced Placement Board in May, and for satisfactory performance will receive college credit. Individual colleges set their own standards and grant different credit depending on what you score on the test. This information is usually posted on the college's web site.

Prerequisites: Pre-Calculus

Grade Level: 12

Length: year

Credit: 0.5 per semester

Supplies Needed: TI-84 Plus Silver graphing calculator

MUSIC**Band****Course Number: 1320/1321**

This course stresses comprehensive musicianship through instrumental performance and is a continuation of musical skills gained in the prior grade. Its function is to teach comprehensive musicianship through instrumental performance. During the fall semester a large emphasis is placed on Marching Band and during the Spring Semester a large emphasis is placed on Concert Ensemble(s). Due to the nature of the March Band activity, a summer band camp is held for the full Marching Ensemble as well as early morning rehearsal prior to the start of the normal school day. The concert band is the basic ensemble from which the Pep Band, Jazz Ensemble, chamber music and soloists are selected. Attendance at all performances is mandatory. This course may be repeated for credit.

Prerequisite: Proficiency on a band instrument

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Mixed Choir**Course Number: 1325/1326**

This is an entry-level choir and is a pre-requisite for all other choirs. A first year choir student may audition for an upper level choir with the instructor and bypass this course if their skills are found to be too advanced for this group. Outfit requirement is as follows: Women shall wear a black dress, skirt/blouse, or pant outfit of their choice. Men shall wear black pants/shoes and a white collared shirt of their choice. All outfits must comply with the school dress code. Class is limited to 75 members. This course may be repeated for credit.

Prerequisites: none

Grade Level: 9-12

Length: year

Credit: 0.5 per semester

Women's Choir**Course Number: 1365/1366**

This is an audition selected choir, which performs several times a year. Attendance at all concerts is required, as well as a choir formal dress. Class size is limited to 45. This course may be repeated for credit.

Prerequisite: Must audition for teacher.

Grade Level: 10-12

Length: year

Credit: 0.5 per semester

Supplies Needed: 1 Performance Outfit (Approx. \$50-\$100)

Choraleers**Course Number: 1340/1341**

This is an audition selected choir and performs several times throughout the year. Attendance at all concerts is required. A choir formal or tuxedo is required. Class size is limited to 75 members. This course may be repeated for credit.

Prerequisite: Must audition for teacher.

Grade Level: 10-12

Length: year

Credit: 0.5 per semester

Supplies Needed: 1 Performance Outfit (Approx. \$50-\$100)

Madrigals

This is an audition selected choir performing group. A choir formal dress or tuxedo is required. This class is an advanced choir, teacher approved and limited to 28 students. This course may be repeated for credit.

Prerequisites: Must audition for teacher

Length: year

Supplies Needed: 1 Performance Outfit (Approx. \$50-\$100)

Course Number: 1345/1346

Grade Level: 10-12

Credit: 0.5 per semester

Music Applications

Students learn basic skills to become better “consumers” of music. Students study the five basic elements of music and apply them to many different music styles. Students study classical and pop music as it relates to history. Students learn basic music technology skills using computer/keyboard labs. In addition, students study a unit of musical theater and assist with the Hornet Highlights stage production in skit writing and stage design. Class size is limited to 15 students.

Prerequisite: Teacher approval

Length: 2nd Semester

Course Number: 1356

Grade Level: 11-12

Credit: 0.5 per semester

Music Theory

Students learn basic concepts of music theory, composition and arranging. In addition, students learn basic piano/keyboard skills and use computer/keyboard labs to write and arrange music. Class size is limited to 15 students.

Prerequisites: Teacher approval

Length: 1st Semester

Fee: \$15 for Workbook

Course Number: 1359

Grade Level: 11-12

Credit: 0.5 per semester

General Music

In this class students will master the basic signs, symbols and terminology used in music. They will study music history and how music has affected our society throughout history. Students will also study and analyze today’s music from a technical perspective. Students will learn and master basic music theory and music technology skills. Students will achieve their grade through written tests, performance tests, comparative essays, portfolio assessments and other creative projects.

Prerequisites: None

Length: semester

Course Number: 1327

Grade Level: 9 -12

Credit: 0.5 per semester

OTHER

Office Aides

Office Aides will be utilized on an as-needed basis with final selection process determined by the building administrators. The supervising administrator gives pass/fail grades based on quality of work, attendance and tardiness, and other office duties.

Prerequisite: Application and approval of principal, counselor or nurse.

Length: semester or year

Course Number: 1920/1921

Grade Level: 11-12
Credit: 0.5 per semester, pass or fail

Library Media Science

The purpose of library science is to give students an understanding of the library media center, to develop skills necessary for library science, and to prepare them for future library media science work. Students will be exposed to all aspects of library media and will be introduced to types, history, arrangement, and policies of libraries. Students will participate in the review, ordering, and processing library media materials.

Prerequisite: Application and Librarian approval.

Length: semester

Course Number: 1925

Grade Level: 11-12

Credit: 0.5 per semester

Teacher Assistant (TA)**Course Number: 1977/1978**

Teacher Assistants work in the classrooms with a teacher. The supervising teacher gives pass/fail grades based on quality of work, attendance and tardiness, and other classroom duties. Teacher Assistants may assist teachers by completing word processing activities, filing in the classroom, errands on-site, delivering messages, making bulletin boards, setting up labs, and by tutoring students in the classroom.

Prerequisite: Application, C average in subject area and teacher approval.

Length: semester or year

Grade Level: 12

Credit: 0.5 per semester, pass or fail

Vo-Tech Training**Course Number: 1960/1961**

Vocational training is available at the Brooks Trade Center at Newton, a Vo-Tech School in areas, which are not provided at VCHS. Students must have completed all required classes normally expected by the end of the junior year. Then they attend VCHS half of the day and attend the Vo-Tech school for the other half of the day. Program areas available include: Auto Technology, Mechanics, Building Trades, Machine Technology, and Welding. Course offerings may change each year.

Prerequisite: Application Required. GPA 2.0 or above. Apply by February 20th and on target with required classes for graduation.

Length: year-Afternoon only

Grade Level: 11-12

Supplies Needed: Will provide own transportation, books & supplies

Credit: 1.5 per semester

Gifted Seminar**Course Number: 1945/1946**

This course enables the student to pursue curriculum that is individually designed. Course content is based on the student's individual educational plan. Class activities also include strategies of higher-level learning, on-line college search, community service, and portfolio development. This class may be repeated for credit.

Prerequisite: Gifted program placement

Grade Level: 9-12

Length: semester

Credit: 0.5

Gifted Compacted Courses**Course Number: multiple**

Courses available for compaction in the following areas at this time: Freshman/Sophomore English, World History II & III, U. S. History I and II, U.S. Government, International Relations, Computer Applications, Advanced Computer Applications. Students must enroll in two courses per same period to compact.

Prerequisite: Gifted program placement

Grade Level: 9-12

Length: semester

Credit: 0.5

College Study**Course Number: 1010/1011**

Dual credit is available to students who qualify to take college level classes as a high school student. The grade earned will be posted on the student's transcript. The classes must be approved by the counselor or building administrator and must be above and beyond the curriculum offered here at the high school. The classes must be appropriate to the student's academic, social, and personal development levels. Students must turn into counseling office a paid fee bill and enrollment verification at the beginning of the semester and a college transcript showing grade earned at the end of each semester class.

Prerequisite: 3.0 Cumm. GPA

Grade Level: 11-12

Length: semester

Credit: 0.5 per 3 hours

Supplies Needed: money for tuition & books

college credit

PHYSICAL EDUCATION

Physical Dimensions Curriculum (9th grade PE)

Course Number: 1600/1601

This is a required class for ninth grade students. This course is designed to provide young adults with the knowledge and skills needed to engage in a physically active, healthy lifestyle throughout life. Students will learn how to lead healthy lives as they go through different stages in life. The main areas of focus in the course include:

- Dimension I: Health-Related Fitness
- Dimension II: Lifetime Physical Activity
- Dimension III: Health/Wellness Concepts and Skills

All physical education courses are participation classes and students are expected to suit out, participate, and make –up missed work and activities.

Prerequisites: none

Grade Level: 9

Length: year

Credit: 0.5 per semester

Supplies needed: Gym clothes, locker fee

Advanced Physical Education

Course Number: 1610/1611

This class is a more in-depth study of major sports, recreational, and fitness activities. Students are involved with team sports (such as: volleyball, flag football, basketball, hockey, softball, soccer) and individual activities (such as: golf, badminton, tennis, pickle ball, fishing). This course cannot be taken in the same semester with Lifetime Fitness. Students must maintain good participation in order to repeat the class the following semester or year.

All physical education courses are participation classes and students are expected to suit out, participate, and make-up missed work and activities. **Eligibility for second semester enrollment is based upon first semester participation.**

Prerequisites: Must have passed 9th grade PE and/or approval by the instructor.

Length: semester or year

Grade Level: 10-12

Supplies Needed: Gym clothes and locker fee

Credit: 0.5 per semester

Weight Training

Course Number: 1620/1621

This class is designed for students who have an interest and desire to improve their overall health and well-being. This course develops a weightlifting and training program for muscular strength and conditioning. The lifting program will consist of core lifts that work the big muscle groups, using lifts such as bench press, squats, and clean, and auxiliary lifts that isolate the individual muscles. There will be some flexibility in the types of programs taught. There will be some units covering nutrition, supplements, steroids, and program design. This course cannot be taken during the same semester as Aerobics or Lifetime Fitness.

All physical education courses are participation classes and students are expected to suit out, participate, and make-up missed work and activities. **Eligibility for second semester enrollment is based upon first semester participation.**

Prerequisites: Must have passed 9th grade PE and/or approval by the instructor.

Length: semester or year

Grade Level: 10-12

Supplies Needed: Gym clothes, locker fee

Credit: 0.5 per semester

Aerobics

Course Number: 1625/1626

This class is designed for those who are interesting in becoming totally fit. Flexibility, muscular conditioning, and cardiovascular fitness will all be components of this class. This learning segment is designed to develop the students' health-related fitness level and to increase the students' knowledge of fitness concepts. This course cannot be taken during the same semester as Weight Training or Lifetime Fitness.

All physical education courses are participation classes and students are expected to suit out, participate, and make-up missed work and activities. **Eligibility for second semester enrollment is based upon first semester participation.**

Prerequisites: Must have passed 9th grade PE and/or approval by the instructor.

Length: semester or year

Grade Level: 10-12

Supplies Needed: Gym clothes, locker fee

Credit: 0.5 per semester

Lifetime Fitness

Course Number: 1640/1641

This class is designed for those interested in becoming totally fit. Flexibility, muscular conditioning, and cardiovascular fitness will all be components of the class. This learning segment is designed to provide the student with knowledge and skills necessary to design and implement a personal fitness program to improve health-related fitness. This course cannot be taken during the same semester as Advanced Physical Education.

All physical education courses are participation classes and students are expected to suit out, participate, and make-up missed work and activities. **Eligibility for second semester enrollment is based upon first semester participation.**

Prerequisites: Must have passed 9th grade PE and/or approval by the instructor.

Length: semester or year

Grade Level: 10-12

Supplies needed: Gym clothes, locker fee

Credit: 0.5 per semester

DUE TO THE SIMILARITY OF ACTIVITIES AND IMPACT ON A STUDENT PHYSICALLY, ENROLLMENT IN MORE THAN ONE UPPER LEVEL PE CLASS IS RESTRICTED. ONLY THESE CLASSES MAY BE TAKEN THE SAME SEMESTER:

- **Advanced PE & Weights**
- **Advanced PE & Aerobics**

THESE CLASSES CANNOT BE TAKEN DURING THE SAME SEMESTER:

- **Weights & Aerobics**
- **Weights & Lifetime Fitness**
- **Aerobics & Lifetime Fitness**

SCIENCE

Environmental Science

Course Number: 1105/1106

This course introduces students to a wide variety of topics including the physical and chemical sciences, geology, meteorology, and biology. Environmental Science provides students with a basic foundation in each of these areas with exposure to important environmental issues such as pollution testing, control, and lab procedures. Students enrolling in Pre-Algebra for math should enroll in this class for their science course.

Prerequisite: None

Grade Level: 9

Length: semester

Credit: 0.5 per semester

Physical Science (Lab Science)

Course Number: 1130/1147

This course is an introduction to the physical sciences, chemistry and physics. Emphasis is placed on composition, structure, properties, and behavior and interactions of matter in the environment. Changes in matter, laboratory procedures, measurement and dissemination of data are emphasized. This course is recommended to students who have completed Algebra I or are concurrently enrolled in Algebra I.

Prerequisites: Teacher recommendation/Algebra I or Concurrent Enroll

Length: semester

Grade Level: 9-12

Credit: 0.5 per semester

Biology I (Lab Science)

Course Number: 1115/1116

This course is a general course in the study of life---classification of plants, animals, and microorganisms, ecological relationships, and man in the biosphere. Lab work and demonstrations are a required part of class endeavors.

Prerequisites: none

Grade Level: 9 -12

Length: year

Credit: 0.5 per semester

Accelerated Biology I (Lab Science)

Course Number: 1142/1143

This class covers the same topics covered in Biology I in greater depth. This class is intended for the student that can grasp concepts quickly and plans to continue to pursue a more advanced science curriculum during high school or in preparation for science related college studies.

Prerequisites: Intro to Chem/Intro to Physics

Grade Level: 10-12

Length: year

Credit: 0.5 per semester

Biology II (Lab Science)

Course Number: 1122/1123

This course is designed foremost as a lab class to explore advanced studies in Molecular Biology, cellular biology and microbiology, genetics and genetic engineering, evolution, ecology and Conservation Biology, and taxonomy.

Prerequisites: Biology I

Grade Level: 11-12

Length: Year

Credit: 0.5 per semester

Human Anatomy & Physiology (Lab Science)

Course Number: 1120/1121

This course is for the student with an interest in biology. The major part of this course is devoted to Human Anatomy and Physiology with lab work a regular part of the class endeavor. Current biology topics are also stressed to show how biology is an everyday part of life.

Prerequisite: Biology I

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Chemistry I (Lab Science)

Course Number: 1125/1126

The course prepares students for entry-level college chemistry. Emphasis is placed on matter and energy relationships, measurement and problem-solving skills, periodic table and periodic properties, chemical bonding and chemical compounds, chemical formulas and equations, gas laws, solution chemistry (Ionic reactions, Acid-Base solutions), chemical equilibrium and kinetics, and organic and nuclear chemistry. Laboratory situations are an integral part of the course.

Prerequisites: Intro to Chem/Intro to Physics, Algebra I, C average in both

Grade Level: 10-12

Length: year

Credit: 0.5 per semester

AP Chemistry (Advanced Placement) (Lab Science)

Course Number: 1148/1149

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. The course adheres to a national curriculum established by the College Board. AP Chemistry will meet the objectives of a good general college chemistry course. Students should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course differs from Chemistry I with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done. Students should expect to cover more topics, spend more time on homework, and do a variety of experiments in the laboratory. Students may choose to take the Advanced Placement Board in May, and for satisfactory performance will receive college credit. Individual colleges set their own standards and grant different credit depending on what you score on the test. This information is usually posted on the college's web site.

Prerequisites: B average in Chemistry I, Algebra II or concurrent enrollment

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Physics (Lab Science)

Course Number: 1145/1146

Physics is the field of science that deals with matter and energy and their interactions. Mechanics of sound, light and optics, heat, electricity and magnetism, and nuclear phenomena are covered in this course. Numerous laboratory investigations are performed in which measurements of physical phenomena are taken. Through this data, the student achieves a better understanding of the physical behavior of our world.

Prerequisites: Intro to Chem/Intro to Physics, Pre-Calc/Trig or concurrent enrollment

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Astronomy

This course looks at the universe around us and covers a study of the planets and stars.

Prerequisites: Intro to Chem/Intro to Physics

Length: semester

Course Number: 1127

Grade Level: 10-12

Credit: 0.5 per semester

Botany

This course is a look at the plant world and the interactions with the environment and different biomes.

Prerequisites: Biology I or teacher recommendation

Length: semester

Course Number: 1117

Grade Level: 11-12

Credit: 0.5 per semester

Exercise Science

This course focuses on the physiology of the human body during exercise, physiology of training and conditioning athletes, and the care and prevention of sports related injuries. Students purchase and may keep the books for this class.

Prerequisites: Biology I or teacher recommendation

Length: semester

Course Number: 1107

Grade Level: 11-12

Credit: 0.5 per semester

Earth Science

This course focuses on the understanding of Earth systems in order to learn from the past, understand the present and predict the future. The goal of this class is to gain knowledge about planet Earth – its composition, features, processes and place in the universe. The student will complete appropriate labs and study the major aspects of Earth Science which include Geology, Physical geography, Space and Earth Science.

Prerequisite: Science Instructor or SPED Instructor approval.

Length: year

Course Number: 1128/1129

Grade Level: 10-11

Credit: 0.5 per semester

Meteorology

This course involves many aspects of weather and its impact on our daily lives. Weather prediction and understanding are stressed. The uses of many different technologies are included.

Prerequisites: Biology I

Length: semester

Course Number: 1118

Grade Level: 11-12

Credit: 0.5 per semester

Robotic Technology

This course includes the history of robots, participation in the B.E.S.T. robotic competition sponsored by WSU, and the effects of robots in today's society. Some Saturdays and outside class time are required. Student must participate in the building of the robot and the competition in a Robotics competition to pass the course. **Course may not be repeated for credit.**

Prerequisites: Intro to Chem/Intro to Physics

Length: First Semester

Course Number: 1124

Grade Level: 10-12

Credit: 0.5 per semester

SOCIAL STUDIES

Required Courses:**Social Studies Skills**

This course is designed to offer students reinforcement in key social studies skills such as reading and comprehending historical writings as well as techniques in reading maps, charts and graphs. Other areas of emphasis include time management, vocabulary development and test taking strategies.

Prerequisites: teacher recommendation or approval

Length: semester

Course Number: 1205/1206

Grade Level: 9-10

Credit: 0.5

World History

Course Number: 1228/1229

This one year thematic course explores the history of the world from the 1300's to the early 1900's with emphasis on economics, geography and politics. World History also includes a review of Ancient History and World Religions.

Prerequisites: none

Grade Level: 10-12

Length: year

Credit: 0.5

U.S. History

Course Number: 1210/1207

The first semester of this required course explores the history of the United States from 1900 to the end of WW II. The focus includes early immigration at the turn of the century, the change of the nation from an agrarian to an industrial society, world conflicts, and the most severe depression that this nation has ever endured. The second semester looks at the U.S. as a super power during the last 50 years.

Controversial social and economic issues on the domestic front are studied along with the role the government has taken in our present society. The course looks into the growth of military power during the post WW II years into the Cold War and Vietnam, into our present role as the world's remaining super power.

Prerequisites: none

Grade Level: 11-12

Length: year

Credit: 0.5

U.S. Government

Course Number: 1218

The American government course is an analysis of the American political system with an in-depth look at our national government and the Constitution.

Prerequisites: none

Grade Level: 12

Length: semester

Credit: 0.5

AP United States Government & Politics (Advanced Placement) Course Number: 1219/1220

This college-level course surveys the formal and informal structures of the U.S. political system (including public policy creation & implementation), examines the rights and responsibilities of U.S. citizens, and explores the role of the U.S. in international affairs. It is intended to prepare students to take and pass the AP Government & Politics: United States exam. **Students successfully completing this class will satisfy both the U.S. Government & International Relations requirement for graduation.**

Prerequisites: U.S. History I & II

Grade Level: 12

Length: year

Credit: 0.5

Electives:

World History I

Course Number: 1224

This course introduces the student to ancient civilizations from around the world including Classical Greek and Romans, through the spread of Christianity into the Dark Ages. An emphasis is placed on the exploration of each time period's cultural, governmental and economic impact on that time period and its effect on future world events

Prerequisites: none

Grade Level: 9-12

Length: semester

Credit: 0.5

Religions in World History

Course Number: 1244

This course will investigate some of the world's major religions; Judaism, Christianity; Islam, Hinduism and others. The course looks at how religious beliefs have shaped cultures, inspired great deeds, brought about bitter conflicts, and their overall impact on world history.

Prerequisites: none

Grade Level: 9-12

Length: semester

Credit: 0.5

World Geography

This course is designed to expose the student to the world around them by exploring the geographic, political, economic, and cultural aspect of our world.

Prerequisites: none

Length: semester

Course Number: 1250

Grade Level: 9-12

Credit: 0.5

Economics

This course emphasizes the fundamental economic principles as they apply to the laws of supply and demand in an ever-changing global economic environment.

Prerequisites: World History

Length: semester

Course Number: 1242

Grade: 11–12

Credit: 0.5

Psychology

This course is the study of human behavior and mental processes in order to understand why we act as we do and predict how we may behave in the future.

Prerequisites: none

Length: year

Course Number: 1235/1236

Grade Level: 10-12

Credit: 0.5 per semester

Sociology

This course provides opportunities to help students develop a strong sense of self-worth and gain more effective communication skills enabling them to interact better with others. Skills in coping with disappointment, anger, conflict, rejection, and loss are studied.

Prerequisites: none

Length: year

Course Number: 1240/1241

Grade Level: 10-12

Credit: 0.5 per semester

TECHNOLOGY

CAD/Mechanical Drafting 1

This course is a first step to learning AutoCAD Features, working with drawing and templates including drawing and editing basic shapes, line standards, drawing format, and printing. This course teaches the fundamentals for both CAD and Mechanical drafting and is required before taking any other Technical or Architectural drafting courses.

Prerequisites: none

Length: semester

Course Number: 1402

Grade Level: 9-12

Credit: 0.5

Technical Drafting

This beginning course covers the utilization of drawing equipment, studying different techniques, lettering, geometrical construction, and orthographic projections, which includes sectional views, isometric drawings, and dimensioning. This course uses both CAD and Mechanical drafting and is recommended for entry into any industrial or construction career. Students may work towards an ADDA Drafting Certification.

Prerequisites: CAD/Mechanical Drafting 1

Length: semester

Course Number: 1405

Grade Level: 10-12

Credit: 0.5

Advanced Technical Drafting

This advanced course deals with auxiliary views, descriptive geometry, cams, gears, fasteners, sectional views, and assembly drawing. A design project is required. Students may work towards an ADDA Drafting Certification.

Prerequisites: Technical Drafting 2

Length: semester

Course Number: 1427

Grade Level: 11-12

Credit: 0.5

Architectural Drafting

This class is devoted to the concepts involved with architectural design. A set of residential house plans are completed as the student's project. Students will incorporate both CAD and Mechanical Drafting techniques. Students may work towards an ADDA Drafting Certification.

Prerequisites: CAD/Mechanical Drafting 1

Length: semester

Supplies Needed: materials not available in Lab

Course Number: 1428

Grade Level: 10-12

Credit: 0.5

Adv Architectural Drafting

This is a continuation of Architectural Drafting 2 involving more detailed building plans. A set of residential, commercial, or industrial building plans is completed as the class project. Students may work towards an ADDA Drafting Certification. This course may be repeated for credit.

Prerequisite: Architectural Drafting 2 and teacher approval

Length: semester

Course Number: 1429

Grade Level: 11-12

Credit: 0.5 per semester

Cabinetry 1

This course supplies basic information on tools, materials, and procedures used in wood working occupations. Also provided are hand tool information and supplies knowledge on industrial process. The student is required to complete all activities within a semester. A student project is required. The time will be divided between theory, written work, and performance in the lab. Students may work towards an NCCER Certification.

Prerequisite: none

Length: semester

Supplies Needed: Materials not available in lab,

Approved personal eye protection

Course Number: 1410

Grade Level: 9-12

Credit: 0.5

Cabinetry 2

This is a further study and practice of machine operations with emphasis on machine procedures. Students complete independent study projects with instructor guidelines. Emphasis is placed on skills, good safety, and work habits. This course may be repeated for credit. Students may work towards an NCCER Certification.

Prerequisite: Cabinetry 1 and teacher approval

Length: semester

Supplies Needed: Fee plus materials NOT available in lab,

Approved personal eye protection.

Course Number: 1435

Grade Level: 10-12

Credit: 0.5

Cabinetry 3

This is an advanced study and practice of machine operations with emphasis on machine procedures. Students complete an advanced independent study project with instructor guidelines. Emphasis is placed on skills development, good safety, and work habits. This course may be repeated for credit. Students may work towards an NCCER Certification.

Prerequisite: Cabinetry 2 and teacher approval

Length: Semester

Supplies Needed: Fee plus materials NOT available in lab,

Approved personal eye protection.

Course Number: 1437

Grade level: 11-12

Credit: 0.5

Automotive Systems 1

This course is an entry level course in which students will begin working and learning with hands-on experiences towards ASE Certification in one of the following eight certification categories; Engine Repair, Automatic Transmission/Transaxle, Manual Drive Train and Axles, Suspension/Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Engine Performance .

Prerequisites: none

Length: year

Supplies Needed: Lab fee; materials not available in Lab;

Approved personal eye protection

Course Number: 1420/1421

Grade Level: 9-12

Credit: 0.5 per semester

Automotive Systems 2**Course Number: 1422/1423**

This course is a middle level course where students will begin working and learning with hands-on experiences towards ASE Certification in one of the following eight certification categories; Engine Repair, Automatic Transmission/Transaxle, Manual Drive Train and Axles, Suspension/Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Engine Performance .

Prerequisites: Automotive Systems 1 (one full year)

Grade Level: 10-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Lab fee; materials not available in Lab;
Approved personal eye protection

Automotive Systems 3**Course Number: 1424/1425**

This course is an advanced level course where students will begin working and learning with hands-on experiences towards ASE Certification in one of the following eight certification categories; Engine Repair, Automatic Transmission/Transaxle, Manual Drive Train and Axles, Suspension/Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning, Engine Performance .

Prerequisites: Automotive Systems 2 (one full year)

Grade Level: 11-12

Length: year

Credit: 0.5 per semester

Supplies Needed: Lab fee; materials not available in Lab;
Approved personal eye protection

Driver Education**Course Number: 0999**

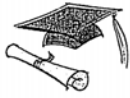
Prerequisite: None

Grade Level: 9-12

Length: Summer

Grade: pass or fail

Not for high school credit.



Graduation Requirement Checklist Valley Center High School



*** Note *** box when semester course is passed ***

Student Name: _____

25 credits for graduation (26 credits for the class of 2010)

Anticipated Graduation Date: _____

Credits Completed _____ Credits Needed _____

***** Required *****

1st 2nd
English - 4 credits

		Freshman English
		Sophomore English
		Junior English
		Senior English

Math - 3 credits

		Math _____
		Math _____
		Math _____

Science - 3 credits (2-Lab Science)

		Science _____
		Science _____
		Science _____

Social Studies - 3 credits

		World History 1, 2, 3 _____
		US History 1, 2
		Government & International Relations
		AP Government

Physical Education - 1 credit

		Physical Dimensions
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Fine Arts - 1 credit (Class of 2008 and beyond)

		Fine Arts _____
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Language Arts - .5 credit

	Speech/Debate/Forensics/CollegeSpeech
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Computer .5 credit (Class of 2010)

	* Computer Applications
	Advanced Computer Applications

***** Electives *****

	1st	2nd	
Art	<input type="checkbox"/>	<input type="checkbox"/>	_____
Business	<input type="checkbox"/>	<input type="checkbox"/>	_____
Computer	<input type="checkbox"/>	<input type="checkbox"/>	_____
FACS	<input type="checkbox"/>	<input type="checkbox"/>	_____
Foreign Language	<input type="checkbox"/>	<input type="checkbox"/>	_____
Language Arts	<input type="checkbox"/>	<input type="checkbox"/>	_____
Math	<input type="checkbox"/>	<input type="checkbox"/>	_____
Music	<input type="checkbox"/>	<input type="checkbox"/>	_____
Physical Education	<input type="checkbox"/>	<input type="checkbox"/>	_____
Science	<input type="checkbox"/>	<input type="checkbox"/>	_____
Social Studies	<input type="checkbox"/>	<input type="checkbox"/>	_____
Technical Education	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/>	<input type="checkbox"/>	_____
	<input type="checkbox"/>	<input type="checkbox"/>	_____