

DEPARTMENTAL OFFERINGS

ENGLISH

English is a required course each year for all students at Valley View High School. There are three different programs of study available for students to choose from: General, College Preparatory, and Honors. General English focuses on honing basic reading comprehension and writing skills. Academic English concentrates on developing the critical reading and writing skills necessary for those students who wish to pursue post-secondary education. The Honors English program is available in grades 10 and 11 for qualifying students, and Advanced Placement English is offered in Grade 12. These courses intend to expose students to a wider variety of literary works while teaching them to critically examine and write about them in a unified and coherent manner.

All students are required to participate in the Summer Reading Program. Novel lists and study guides are distributed at the conclusion of each school year. Students are responsible for reading the novels, completing all corresponding study guides and taking an assessment test at the beginning of the next school year. This program was created with the intent of aiding our students in becoming life-long readers. These assignments are mandatory and do factor into the first quarter English grade.

112-General English 9- 1 Credit

English 112 introduces effective reading and writing strategies to freshman students. Through reading various literary genres such as short stories, essays, poems, letters, and novels, students explore the ideas of writers and examine the forms of selected works of world literature. Students undertake both creative and informative writings while learning the proper format and structure for such assignments. The course focuses on improving grammar and usage conventions. Students study vocabulary and grammar to improve their writing, and are given ample opportunities to practice the writing process. In addition, all students are responsible for researching a teacher-approved topic and presenting an informative speech as well as for participating in class discussions, group work, independent study, library research and internet/computer-based assignments.

113-Academic English 9- 1 Credit

English 113 introduces effective reading strategies to freshman students while concentrating on the development of the writing skills that are necessary for those who intend to pursue post-secondary education. Through reading various literary genres such as short stories, essays, poems, letters, and novels, students explore the ideas of writers and examine the forms of selected works of world literature. Students undertake both creative and informative writings while also studying vocabulary and grammar to improve their writing. They are given

ample opportunities to practice the writing process. In addition, all students are responsible for researching a teacher-approved topic and presenting an informative speech as well as for participating in class discussions, group work, independent study, library research and internet/computer-based assignments.

Requirements for Tenth Grade Honors English

The following criteria apply to all students beginning with the class of 2012:

To become eligible for the Honors Program, ninth grade students must:

- Have an overall average of 88% at the time of the test and at the conclusion of their Academic Freshman English Class
- Take a two-part Honors Program Entrance test (Reading and Writing)

The Honors Program Entrance tests will include:

- (1) Standards Based Study Island Benchmark Assessment Test
- (1) Informative or Persuasive Writing Prompt

The exams will be weighted and students will then be ranked as follows:

Benchmark Assessment Test (out of a possible 20 points)

<u>Range</u>	<u>Points Earned</u>
18-20	5 points
15-17	4 points
12-14	3 points
9-11	2 points

Writing Prompt Response (Graded Holistically)

<u>Range</u>	<u>Points Earned</u>
4 (Advanced)	5 points
3 (Proficient)	4 points
2 (Basic)	2 points
1 (Below Basic)	1 points

A cut-off score will be determined and students will be ranked according to points earned. The students eligible to enroll in the program will then be determined, though it is not to exceed 27 students in a given class.

At the completion of tenth and eleventh grade Honors English courses, students will be assessed with a department created content area exam. A minimum score of 85% in the course (after the curve) as well as an 85% on the content area exam must be earned to continue in the Honors English Program the following year.

In addition, any tenth or eleventh grade student who meets all eligibility requirements may elect to take a grade level benchmark assessment test on an individual basis if they desire to become part of the Honors English Program after their freshman year. If the student meets the cut-off score and the class does not

already exceed 27 students, they will then become eligible to enroll in the program. In addition, please note that all AP students will be REQUIRED to take the AP exam in May. A letter will be sent home at the beginning of the school year to inform the parents of this policy as stated in the Curriculum Guide.

122- General English 10- 1 Credit

This sophomore level course further develops students' reading and writing skills while focusing on selected works studied in the 123 course. Students are exposed to various selections of fiction and non-fiction as well as drama, poetry, and novel units. Students review and practice the writing process in response to writing prompts in addition to an MLA format research paper on a teacher-approved topic. Students also study vocabulary and practice grammar to help master their skills. All students are also responsible for participating in class discussions, group work, speeches, independent study, library research and internet/computer-based assignments.

123- Academic English 10- 1 Credit

This sophomore level course reinforces effective reading strategies while helping students to master the writing skills that are necessary for those who intend to pursue post-secondary education. Students are exposed to a wide array of selections of fiction and non-fiction as well as drama, poetry, and novel units. Students will respond to informative and persuasive prompts as well as write an MLA format research paper on a teacher-approved topic. In addition, they will study vocabulary and practice grammar in context to help master their skills. All students are also responsible for participating in class discussions, group work, speeches, independent study, library research and internet/computer-based assignments.

125- Honors English 10- 1 Credit

This sophomore level course allows students who already demonstrate effective reading and writing strategies to begin applying critical thinking and analysis skills in the classroom. Through reading various literary genres such as short stories, essays, poems, letters, and novels, students explore the literary techniques of writers and examine the themes of selected works of world literature. Students are taught to write a literary analysis and are given ample opportunities to practice the writing process. In addition, Honors English students study vocabulary and practice grammar in context and are responsible for writing an MLA format research paper on a teacher-approved topic. Careful emphasis is placed on the revision process. All students are also responsible for participating in class discussions, group work, speeches, independent study, library research and internet/computer-based assignments.

132- General English 11- 1 Credit

This American Literature course familiarizes students with major American works and their authors through the study of various literary genres. In addition, attention is paid to the continued development of vocabulary, as well as written and oral communication skills. Students are given ample opportunities to refine their writing skills and careful attention is paid to the revision process. In addition, all students are required to complete a teacher-approved MLA format research paper.

133- Academic English 11- 1 Credit

This American Literature course familiarizes students with the ways in which events in American history affect literature and culture in the United States. Emphasis is placed on an understanding of major American works and their authors through the study of various literary genres. In addition, attention is paid to the continued development of vocabulary, written and oral communication skills, and the completion of a literature-based MLA format research paper.

135- Honors English 11- 1 Credit

This American Literature course familiarizes students with the ways in which events in American history affect literature and culture in the United States. Emphasis is placed on an understanding of major American works and their authors through the study of various literary genres. Honors students are given ample opportunities to analyze these authors and their work through both oral and written communication. In addition, attention is paid to the continued development of vocabulary, grammar and usage, and the completion of a literature-based MLA format research paper.

142- General English 12- 1 Credit

This British Literature course familiarizes students with major British works and their authors through the study of various literary genres. In addition, attention is paid to the continued development of vocabulary, as well as written and oral communication skills. Students are given ample opportunities to refine their writing skills and careful attention is paid to the revision process. In addition, all students are required to complete a teacher-approved MLA format research paper.

143- Academic English 12- 1 Credit

This British Literature course familiarizes students with the ways in which events in British history have affected literature throughout time. Emphasis is placed on an understanding of major British works and their authors through the study of various literary genres. In addition, attention is paid to the continued

development of vocabulary, written and oral communication skills, and the completion of a literature-based MLA format research paper.

145- AP English 12- 1 Credit

This Advance Placement course helps students master the ability to read critically, to understand the conventions of literary discourse, to develop an appreciation of and to write both accurately and insightfully in response to literature. AP students will generate pieces of writing which meet the demands of the Advanced Placement Exam in English Literature. They will read texts that represent both classic and contemporary literature in the following genres: drama, fiction, and poetry. Additionally, AP students will also develop the ability to discuss important ideas after reading challenging works of literature. All of these objectives are created with the intent of preparing students for the required Advanced Placement in English Literature Exam.

151 – Mysteries and Suspense – 1 CREDIT

Various aspects of the genre of mysteries and suspense will be examined through different types of literature including novels, short stories, poems, and drama. This course will cover many of the major classical mystery writers and the elements of mystery. Students will create and present original mystery stories.

SOCIAL STUDIES

212 – World Cultures – 1 CREDIT – (Requirement for Graduation)

World Cultures 212 presents a narrative of our world from the earliest civilizations to the present. The course traces the development of civilizations in different parts of the world with integration of a number of themes that form the patterns of civilization. Among these themes are political change and economic development, the influence of geography on cultures, the growth of science and technology, the effect of contact between cultures, and creativity in the arts. Students will be given an insight as to how significant past and present cultures, past and present, will lead to a better understanding of mankind. All students take this course in their freshman year.

222 – United States History I – 1 CREDIT – (Requirement for Graduation)

United States History I, 222, is a course designed to broaden students' understanding and mastery of facts, concepts, and interrelationships from the exploration and settlement of America to its emergence as a modern state in the world.

Students will be aided in strengthening their knowledge of the facts of history and their ability to analyze and interpret interrelationships among social

sciences. It not only requires students to show an understanding of the specific facts of history but also helps them to discuss the meaning of history. All students take this course in their sophomore year.

232 – United States History II – 1 CREDIT (Requirement for Graduation)

United States History II, 232, gives the eleventh grade student a thorough understanding and analysis of the multiplicity of changes that the United States has gone through – changes in value structure, the great rate of technological change, and the continuing search for new areas of knowledge. The course moves chronologically from the study of America in the late nineteenth century to the early days of the present administration. All students take this course in their junior year.

233 – Advanced Placement United States History II – 1 CREDIT (Grade 11)

AP United States History II presents an in-depth and comprehensive study of the political, economic, cultural and social aspects of US History. This advanced level course will place emphasis on the use of primary source documents and developing analytical skills necessary for successful completion of the Advanced Placement Exam. Acceptance into this course is based on the academic achievement, high level of interest, and teacher recommendation. The requirement for students taking this course is that they must take the AP History Exam. A teacher recommendation is required for admittance into this course.

242 – Economics and United States Government – 1 CREDIT (Required for Graduation)

US Government, 242, presents the basic principles of US Government. It is designed to promote citizenship education through the dimensions of knowledge, basic intellectual skills, and participation skills. In order for effective citizenship to be a reality, these three dimensions must be explored, learned and practiced. The course involves learning about the structure and function of government as well as about the operation of political groups. It teaches basic intellectual skills and it gives students the opportunities to learn and practice key participating skills. All students take this course in their senior year.

Economics is an introduction to know how the economic system works. One of its goals is to help students for linkages between economic issues and their own lives. The course focuses on the following interrelated content areas: basic economic principles, the American business structure, economic performance, and personal economics. The course stresses the active role of the individual and provides, whenever possible, practical techniques that students can use to relate economics to their own lives. All students take this course in their senior year.

250 – Critical Media Analysis – 1 CREDIT - (Elective)

Critical Media Analysis is the expansion of the traditional view of literacy. It is a course designed to make students more comfortable, more critical, and more conversant in various methods of communication by analyzing and evaluating both print and electronic media. The course contains a variety of activities exploring the popular culture and ethics of a variety of sources including sports, news, soap operas, cartoons, docudramas, advertisements, movies, and other media formats. Emphasis will be placed on the critical viewing of television by helping the student to recognize, appreciate, and value good television.

255 - Street Law – 1 CREDIT (Elective)

Street Law is a course designed to provide students with a comprehensive overview of the criminal justice system, including crime, criminal law, and constitutional implications. Students will be aided in the examination of the major institutional components of law enforcements: police, courts, and corrections. This course will allow students to develop an understanding about the correlation between American history, the judicial system and the criminal justice system.

260 – Finance – 1 CREDIT – (Elective)

Students will be introduced to a variety of investment/savings instruments and strategies in the stock market. Through comparisons students will be able to identify advantages and disadvantages of each instrument and strategy. Students will participate in a stock market simulation competition. Students will develop a strategy for selection of stocks, will chart their stock progress, and will keep a journal explaining their thoughts and actions as the activity proceeded.

962 – Psychology – 1 CREDIT – (Elective)

Psychology is an introductory course providing a basic foundation into the brain, the mind, and human behavior. Areas that will be discussed include the functions of the brain and its affect on human behavior, sensation, perception, personality development and personality types, intelligence and IQ, sleep and dreams, abnormal behavior and mental disorders and diseases as emphasized in the Diagnostic and Statistic Manual of Mental Disorders IV-R, including their causes and acceptable methods of treatment.

MATHEMATICS

311 – Fundamentals of Algebra – 1 CREDIT

Fundamentals of Algebra places more emphasis on problem solving than theory. There will be an understanding of the basic structure of algebra, i.e., the real number system. Some of the objectives of this course will involve the basic operation, solving equations and systems of equations, factoring polynomials, and graphing functions.

312 – Algebra I – 1 CREDIT

In this course students should develop the skills and strategies necessary to solve problems related to everyday life. Real number, equations and inequalities, operations on polynomials, and the extensive use of functions will be introduced and developed. Topics involving calculator use and computer programs will also be included.

321 – Introduction to Algebra II – 2 CREDITS

Prerequisite: At least two of the following courses: Fundamentals of Algebra, Algebra I, Fundamentals of Geometry, Geometry

This course is an extension of Algebra I. The student gains an understanding of the essential concepts of Algebra II with emphasis on the eligible content of the state academic standards. Graphing and scientific calculators are used throughout the course.

322 – Algebra II & Mathematics Enrichment – 2 CREDITS

Prerequisite: Algebra I

The student continues to study the topics introduced in Algebra I. The student gains an understanding of the structure of the system of complex numbers, comprehends the function concept and its importance in mathematics and acquires a facility in applying algebraic concepts and skills. Graphing and scientific calculators are used throughout the course.

This course is required for all juniors beginning in 2008-2009. This course will aid students in correct selections on multiple choice questions that are related to the Pennsylvania Academic standards and anchors. Students will also learn how to deal with various types of student-produced response questions and open-ended questions relevant to the PSAT, SAT and PSSA tests.

323 – Algebra II – 1 CREDIT

Prerequisite: Algebra I

Algebra 323 is a course offered to freshmen in the five-year mathematics program. The student continues to study the topics introduced in Algebra I. The course introduces the structure of the system of complex number, the function concept and its importance in Mathematics, several methods for solving quadratic equations, linear programming, and conic section. Graphing and scientific calculators are used throughout the course.

331 – Fundamentals of Geometry – 1 CREDIT

Prerequisite: Fundamentals of Algebra or Algebra I

This course should provide the essentials for those students who are not exposed to geometry concepts in any other course and wish to prepare for the PSAT and SAT tests. Since one of the Pennsylvania Mathematics Standards specifically addresses geometric concepts, all students should leave high school with some background in the subject.

332- Geometry – 1 CREDIT

Prerequisite: Algebra I

Geometry combines topics from plane and spatial geometry. Each student will study the use of definitions, terms and properties, and proofs of plane figures, as well as, develop an understanding of the nature of deductive reasoning and become aware of the relationship of geometry to the other branches of mathematics. Computers are used the plane and spatial concepts.

333-Accelerated Geometry—1 CREDIT

Prerequisite: Algebra I and Algebra II

Geometry 333 is a course offered to sophomores in the five-year mathematics program. It includes topics from plane and spatial geometry. These include definitions, terms, properties, and proofs of plane figures as well as develop and understanding of spatial concepts through the nature of inductive and deductive reasoning. The course is designed for students who can master concepts after only a few examples and exercises. These students benefit from challenge activities and more advanced exercises. Computers are used to enrich the plane and spatial concepts.

341 - Trigonometry and Algebra III – 1 CREDIT

Prerequisite: Algebra II 323 and Geometry 333

Trigonometry and Algebra III is offered to juniors in the advanced mathematics program. Topics from Algebra II and Geometry such as linear relations and functions, the solution and graph of polynomial equations in one variable, matrices and vectors, sequences and series, the relationships between straight lines and conics are studied in depth. The traditional Trigonometry topics – circular coordinates and complex numbers, exponential and logarithmic functions – are also included. Emphasis is placed on use of scientific calculators.

343 Trigonometry and Pre-calculus – 1 CREDIT

Prerequisite: Algebra II and Geometry

Trigonometry and pre-calculus is offered to seniors in the four-year mathematics program. It includes the study of trigonometric and circular functions and their application, polar coordinates and exponential functions. Students use scientific calculators in addition to tables. Linear relations and function, the solution and graph of polynomial equations in one variable including the use of derivative, sequence and series, the relationship between straight lines and conics are reviewed and expanded upon.

355 - *Advanced Placement Calculus – AB – 1 CREDIT

Prerequisite: Trigonometry and Algebra III

An Advanced Placement Course in Calculus is offered to students in the five-year mathematics sequence. It introduces such principles as differential and integral calculus, maxima and minima, the advanced study of straight-line principles, and related topics comparable to courses in colleges and universities. This course is intended to prepare students for the Advanced Placement Examination. Participating colleges grant credit and/or appropriate placement to students who have done well on the examination.

**The requirement for students taking the AP Calculus course is that they must take the AP test in the spring.

356 – Calculus

Prerequisite: Trigonometry and Algebra III or Trigonometry and Pre-calculus

This course is offered for seniors who plan on entering a school of higher education upon graduation. It introduces such principles as differential and integral calculus, maxima and minima, the advanced study of straight-line principles, and related topics comparable in college and universities.

SCIENCE

411- Earth and Space Science – 1 CREDIT

Earth and Space Science 411 is designed to give the student who is not scientifically oriented some knowledge of the world in which he or she lives. The course is divided into four parts – astronomy, meteorology, paleontology, and geology.

412 – Earth and Space Science – 1 CREDIT

Earth and Space Science 412 is geared to the academic student. It delves deeply into the four areas – astronomy, meteorology, paleontology, and geology.

421 – Biology – 1 CREDIT

Biology 421 is designed for the non-academic student. This course is an attempt to cover all the fundamental high school biology concepts in a format that is easy to understand and comprehend, applying the study of biology to the everyday world. Emphasis is placed on classroom work to illustrate concepts and improve comprehension.

422 – Biology – 1 CREDIT

Biology 422 is designed for the tenth grade academic student and is based on unity among organisms – cellular to multi-cellular, including man. It is a study of the fundamental life patterns and structures offering concepts that are essential for further study in life sciences.

423 – Physical Science – 1 CREDIT

Students will be introduced to both chemical and physical science concepts as they relate to the Pennsylvania Physical Science Curriculum/Anchors and Eligible content. The content will focus on physical and chemical principles/properties that underlie many everyday natural phenomena including how they relate to important innovations. **(This course is required for any student who will not complete a physics and/or chemistry course by the end of the junior year.)**

424 – Forensic Science – 1 CREDIT

Prerequisite: 421 Biology or 422 Biology

Students will be introduced to full-scale “Criminal Investigations”, learning about modern biological, chemical and physical evidence, and testing techniques. Following the correct scientific procedures, students will learn how to use electrophoresis, serology, and toxicology to gather and analyze hair, blood, fingerprinting and DNA evidence used in law enforcement.

428 – Environmental Science – 1 CREDIT

Prerequisite: 421 Biology or 422 Biology

This is an inquiry, lab-based science course that will provide students with the scientific background needed to understand and analyze environmental issues. Students will also probe the scientific basis, history and response of societies to environmental issues.

429 – Physiology and Anatomy – 1 CREDIT

Prerequisite: 422 Biology

Physiology is designed primarily for students intending to enter the fields of medicine, nursing, lab and x-ray technology, or para-medical fields such as public health, physical therapy, and nutrition. Its main objective is to familiarize the students with the parts of the human body systems and the coordinated functions of these systems that allow the human body to function as a whole.

432 – Chemistry – 1 CREDIT

Chemistry is a lab-oriented science course designed for the college bound student. This course covers topics in general inorganic chemistry with an emphasis being placed on problem solving and connections to everyday life. Students learn how to work safely in the laboratory, how to perform basic laboratory operations, how to organize and interpret data, and how to draw conclusions from experimental results.

433 – Honors Chemistry – 1 CREDIT

Honors Chemistry is designed for students entering a science or medical related field of study. This course covers topics in inorganic and organic chemistry. The laboratory is an essential component of the course.

441 Physics – 1 CREDIT

Physics lends itself to a wide range of student ability. Besides “pure physics”, this course shows how physics connects with other sciences, particularly astronomy and chemistry, and includes aspects of the philosophy and history of science in everyday life. Considerable hands-on experimentation is performed in all areas. Concepts of motion, energy, mechanics, light, and electromagnetism, including nuclear energy, are explored both as a group and individually. Extensive computer applications are also performed. Each student will demonstrate his own best achievement in skillful laboratory experiments and activities, in historical readings, or in mathematical skills.

451 - *Advanced Biology – 1 CREDIT

Advanced Biology is an advanced placement course and is modeled after a college introductory biology course, which is usually taken as a first course for college biology majors, or as a science elective for other majors. Areas of study include an introduction to molecular biology and cells, energy relationships, genetics, and evolution. Lab work is designed to supplement the course material and aid those students who are preparing for the AP Examination.

* The requirement for students taking AP Biology course is that they must take the AP test in the spring. A teacher recommendation is required for admittance into this course.

FOREIGN LANGUAGES

In the College Preparatory Program, each student must take three years of a language and two of those years must be consecutive of the same language. Each student must take at least a Level II of a language.

510 – French I – 1 CREDIT

French I has, as its aim, the basic elements of language learning: comprehension, speaking reading, and writing. The cultural aspects of the language are stressed by various projects, reports, and activities. Particular emphasis is placed on the building of conversational skills.

520 French II – 1 CREDIT

Prerequisite: 510 – French I

The second course in French continues to elaborate on the four elements of Language learning, but to a more advanced degree than the previous year. Emphasis is placed on using the skills learned in the course prior to this in a practical manner. Proper pronunciation and a basic foundation in grammar continue to be stressed. Reading in the foreign language and oral and written comprehension of this material is developed. The selections chosen further expose the student to the history and geography as well as the culture and art of France.

530 - French III – 1 CREDIT

Prerequisite: 520 – French II

Third year French, just as with previous French courses, strives to increase proficiency in the four basic language skills: oral comprehension, speaking, reading, and writing. Ample practice in all four skills is provided. More attention is paid to increasing the students' understanding of French literature. Selections from contemporary French writers have been chosen for study, as well as those dealing with the history of France. An outline of the history of French art is also included at this level.

540 – French IV – 1 CREDIT

Prerequisite: 530 – French III

Students of this level continue to become acquainted with the various styles of literature. Conversational skills, already highly developed, are strengthened by means of detailed and frequent oral and written reports. The analysis of various literary styles is stressed to prepare the students for an easier transition to college language courses. The study of French art and history is continued. Students of this level continue their study of the literature and history and art of French civilization. As in French III, oral comprehension, speaking, reading, and writing are emphasized: however, conversational skills are strengthened by means of detailed and frequent oral and written reports to prepare the students for an easier transition to college language courses.

511 – Spanish I – 1 CREDIT

Spanish I is designed for the students who wish to use Spanish as a means of communication, both oral and written. Since Spanish is a spoken language, emphasis is placed on the pronunciation and building of a practical vocabulary so that the cultural life of the Spanish-speaking world can best be understood. Special emphasis is given to the basic elements of language learning: auditory skills, speaking, reading, writing, comprehension and culture.

521 – Spanish II – 1 CREDIT

Prerequisite: 511 – Spanish I

Realizing the importance of complete mastery of verb forms in understanding, speaking, reading, and writing Spanish, emphasis is placed on a review of all the verb forms presented in Spanish I. The study of Spanish grammar is also continued. Selected readings and conversation broaden the students' knowledge of the Spanish language through a study of sentence structure and style. Emphasis is placed on oral and written expression. The study of the culture, history, and geography of Spanish speaking countries is continued.

531 – Spanish III – 1 CREDIT

Prerequisite: 521 – Spanish II

Spanish III places emphasis on an intensive review of the grammar taught in the previous two years in order to develop the students' oral and written communicative skills. The study of culture including history, geography, literature and art are also strongly emphasized.

541 – Spanish IV – 1 CREDIT

Prerequisite: 541 – Spanish III

The main focus of this course is the understanding of the various genres of literature written by the most famous Spanish and Hispanic authors. Written and conversational skills continue to be developed and strengthened. The study of art and history is continued.

513 – Italian I – 1 CREDIT

Italian I is designed to provide ample opportunity for the student to converse in the language, as well as to read and write it. It aims to equip the student with the essentials of grammar in developing a solid foundation in Italian. Italian heritage and culture are also a part of the curriculum, as well as certain aspects of the history and geography of Italy.

523 – Italian II – 1 CREDIT

Prerequisite: 513 – Italian I

Italian II is structured similarly to Italian I. It has as its aim that of helping the student acquire, step by step, the essentials for understanding, speaking, reading, and writing the Italian language. Italian history, the actual Italian

achievements in the fields of literature and folklore are discussed in greater detail than in the previous course.

514 – Japanese – 1 CREDIT

This course introduces the student to the sound and syllabary of the language. Basic phrases and simple grammar are introduced with cultural notes. Emphasis is on students' ability to apply what they learn of written and spoken Japanese to communicate simple things about themselves and others. Students should be prepared to work with and memorize script not written in Roman letters. This course is taught simultaneously to other schools through video-conferencing. It is expected that a behavior contract be signed to participate in the class.

College credits will be awarded to qualified students who earn a passing grade. Japanese I is offered as a Dual Enrollment course at Valley View High School for Juniors and Seniors. The cost is approximately \$600 and is subject to Dual Enrollment reimbursement. This course can still be taken by students who do not qualify for Dual Enrollment, but they will be only given 1 high school credit.

BUSINESS EDUCATION

303 – Consumer Mathematics – 1 CREDIT (Grade 12 ONLY)

Consumer Mathematics prepares the student for everyday life. Topics covered are insurance, installment buying, banking, metric measurement, taxation, and problems relating to the proper operation of home and business.

Students will also discuss a chapter on investments including Certificates of Deposit, Corporate Stocks, and Municipal Bonds. Chapters on Probability and Solving Algebraic Equations are also included as topics in this course. This course can be used to satisfy a mathematics or business credit requirement.

952 – Computer Applications I – 1 CREDIT

This course assumes no prior computer skills or knowledge of computers on the part of the student. It has been designed to help students gain an understanding of the computer and its limitless possibilities. It is structured into four parts: word processing, databases, spreadsheets, and multimedia. Students should leave this course with practical computer skills that can be used across the curriculum and in everyday life.

953 – Computer Applications II – 1 CREDIT

Prerequisite: 952 Computer Applications I

The information covered and hands-on experience gained in this course will broaden the student's mastery of software application. The course is divided into four segments consisting of (1) database production, (2) desktop publishing, (3) multimedia production, and (4) HTML programming (Internet home page production).

TECHNOLOGY EDUCATION

711 – Power – 1 CREDIT

Power Shop I is a course in basic electricity providing the necessary experience for an understanding of electricity. The student will be exposed to simple circuitry and experimentation, hand tools, and good safety practices. Projects for the course will include an electronic project; carbon dioxide powered cars, computer car building, house wiring, oxygen/acetylene welding, and introduction to robotics.

712 – Manufacturing & Production I – 1 CREDIT

Manufacturing and Production I is a basic introduction to working with wood. Students will learn to use the following machines: radial arm saw, jointer, planer, scroll saw, band saw, drill press, belt sander, and table saw to construct several assigned projects.

722 – Manufacturing & Production II – 1 CREDIT

Prerequisite: 712 - Manufacturing & Production I

In the second course of Manufacturing and Production, the student will work with wood. Instruction will be given in the use and safety of simple power machines such as the jigsaw, belt sander, band saw, radial arm saw, planer, and jointer. Students will use the above skills to construct several assigned projects.

723 – Manufacturing & Production III – 1 CREDIT

Prerequisite: 722 – Manufacturing & Production II

Manufacturing and Production III will stress the safety and operation of all woodworking machines. It is also designed that each student will learn new skills by building several assigned projects using the following machines: the jointer, drill press, band saw, surfacer, table saw, wood lathe, and all abrasive machines.

742 – Manufacturing & Production IV

Prerequisite: 732 – Manufacturing & Production III

The course is designed to cover all aspects of the Wood Working Shop. The assigned project will be designed with the necessary difficulty to encompass all the machines and hand tools in the Wood Working Shop. The students will also learn and demonstrate the safe operation of all machines and tools.

713 – Drafting I – 1 CREDIT

Drafting I consists of work in multi-view, auxiliary, and sectional drawings, introduction to scale drawings, and making simple isometric drawings. Students will be introduced to (CAD)-computer aided design, using AutoCAD and 3-D home architect design.

723 – Drafting II – 1 CREDIT

Prerequisite: 713 Drafting I

Drafting II continues advanced work in multi-view, sectional, and isometric drawings. An introduction to architectural drafting will be presented. Students will work with the computer to create several detail drawings.

733 – Drafting III – 1 CREDIT

Prerequisite: 723 Drafting II

Drafting III continues with more uses of architectural board and computer drawing. Drawings of footers, wall sections, wall construction, and house details will be produced on the computer. Students will also produce scaled wooden structures.

743 – Drafting IV – 1 CREDIT

Prerequisite: 733 Drafting III

In Drafting IV, the drawing of advanced detail and assembly drawings, pencil and ink tracings, and making of blue prints will be covered. Advanced drawings will be completed with the computer. House floor plans will be turned into scaled wooden structures.

FAMILY AND CONSUMER SCIENCES

800 – Skills for Living – 1 CREDIT

Skills for Living is a comprehensive course designed to help meet the challenges of daily life with confidence. It provides students with basic information needed to make rational decisions at home and in the market place. Students will receive instruction in consumerism, nutrition, human development, craft skills, and careers.

831 – Child Development I – 1 CREDIT

The first course in child Development is designed to introduce the student to the world of the pre-school child. Laboratory experience is included in the form of four-six week preschool sessions per year, with one or two preschool children for each student to teach.

832 – Child Development II – 1 CREDIT

Prerequisite: 831 Child Development I

Child Development II is a continuation of the first year course. It includes an in-depth study of the child from conception through the pre-school years. The pre-school lab is an integral part of this course.

833 – Child Development III – 1 CREDIT

Prerequisite: 832 Child Development II

Child Development III continues to study of the development of the young child. It includes the aspects that affect the lives of children: Child abuse, the handicapped child, family situations, and the responsibilities, rights, and

privileges that accompany each. A more in-depth participation in the pre-school lab is required.

834 – Child Development IV– 1 CREDIT

Prerequisite: 833 – Child Development III

This phase of the Child Development Program is designed specifically for students entering allied fields. Analysis, syntheses, and evaluation techniques are explored and applied. Added responsibilities in the preschool are required.

851 –Gourmet Foods – 1 CREDIT

Gourmet Foods is designed to give the student an overview of meal preparation, marketing, management of time and money in connection with providing nutritional and palatable foods for the different family standards. Students will be also exposed to preparing and eating foods from around the world as well as cooking with flair. The student will also explore careers related to foods and food preparation.

852 – Advanced Gourmet Foods – 1 CREDIT

Prerequisite: 851 – Gourmet Foods (11th & 12th grades only)

Advanced Gourmet Foods course will expand upon the basic fundamentals and experiences gained in Gourmet Foods. In Advanced Gourmet foods, students will focus on the following categories of study: Dairy, Eggs, Meat, Poultry, Fruits, Vegetables, Grains, Stir-Fries, Casseroles, Salads, Sandwiches, Cakes, Pies, Desserts, Soups, and Stews. The focus of the class will be “lab” oriented and hands-on. There will be one day for lecture and four days for labs. The students will compete in an Iron Chef cook-off each week that will be judged by the faculty and/or administrators. Students will also run the “Cougar Café” when needed.

PHYSICAL EDUCATION

.6 CREDIT for Grades 9, 11, 12 and .4 CREDIT for Grade 10

Physical Education is required of both boys and girls, grades 9-12. Team sports, individual and dual sports, body control, physical fitness activities, and lifetime sports. Some activities are co-educational.

951 – Health - .6 CREDIT

Health is required of all tenth grade students. The course is planned to help students develop and appreciation for physical, social, and emotional well being. Course content will include units of study on the human body, nutrition, fitness, mental health, drug education, the harmful effects of alcohol and tobacco, AIDS, sexuality and family living, environmental health, first aid, and CPR. All classes will be geared to the development of positive attitudes toward all aspects of healthful living.

DRIVER EDUCATION

971 – Safety Education - .2 CREDIT

Safety Education has been designed to meet state and school district requirements for credit. The standardized course consists of thirty (30) hours of classroom instruction involving safety theory.

The course is designed to provide the student with the skills necessary to survive in the total traffic situation and further provide the individual with particular learning experiences concerning the proper and efficient use of a motor vehicle.

Upon completion of the classroom instruction the student will be awarded a certificate of achievement and credit for his work will be filed on his permanent record.

ART

All art elective courses incorporate Art History into the curriculum by relating projects to various periods of Art. The classes are introduced to artists, styles, and cultures and through an ART in Focus test, videos, prints, and computer programs establishing a sound basis for students understanding of Art and its development through history.

All students taking Art Electives have to complete written assignments. These assignments are worth two full test grades. Assignments utilize the Art in Focus classroom test/study guides and can be sent home if students are absent. Projects are mandatory work that must be completed in school due to the variety of materials utilized and the teacher/student interaction, which is critical in any

studio course focusing on learning skills and techniques and applying them creatively.

912 – Art I – 1 CREDIT

This is a foundation course that focuses on the Elements and Principles of Design, Art in every day life, Art careers, and basic drawing skills. Students are introduced to a wide variety of mediums, which include pencil, pastels, pen and ink, charcoal, printmaking, tempera, acrylics, and ceramics.

922 – Art II – 1 CREDIT

The Art II curriculum is a more advanced course that incorporates the knowledge and skills acquired in Art I and integrates them with assignments that challenge the students to develop art work that is much more creative and original. Students in this course are expected to demonstrate a heightened level of expertise and unique, personal style. Critical thinking is essential to the student's ability to design work that reflects growth and exploration of the media.

Special Courses: 932 – Ceramics and Sculpture – 1 CREDIT
942 – Painting and Mixed Media - 1 CREDIT

Prerequisites: ART I and ART II

These courses are designed for the **SERIOUS ART STUDENT**. They focus on developing works that demonstrate advanced expertise and qualify for portfolio acceptance. Students at this level are **expected** to explore and experiment with more specialized mediums that demand strong critical thinking skills and creativity along with the ability to design pieces that reflect a sense of self-expression and thorough understanding of the mediums.

943 – Portfolio Preparation and Presentation – 1 CREDIT

Prerequisites: Art I and Art II and one specialized course (either Ceramics and Sculpture or Painting and Mixed Media)

This course is only for students serious about furthering their education in Art on a college level, with a need to prepare a portfolio for presentation. Course will be LIMITED and include instruction in the following: slide presentation, matting, mounting, and critical judgment of artwork for culminating a quality art portfolio.

MUSIC

963 – Chorus – 1 CREDIT

Ninth grade students will be given the opportunity to properly develop their singing skills emphasizing the technical aspects. The students will be required to participate in one concert.

964 – Band – 1 CREDIT

Students (grades 9-10-11-12) who select band as an elective will be in both marching and concert band activities. Other performing groups such as jazz band and small ensembles may be available from time to time. Emphasis will be placed on the performance aspect of music education, which is included in the overall grade. This is a two-semester course.

965 – Senior High Chorus – 1 CREDIT

The students (grades 10-11-12) will be given the opportunity to properly develop their signing skills emphasizing the technical aspects. The student will be required to participate in all scheduled concerts. This is a two-semester course.

ADDITIONAL ELECTIVES

980 – College & SAT Prep – 1 CREDIT

This course prepares students for the Critical Reading and Writing SAT test. It includes test taking strategies, vocabulary building and practice test sessions. In addition this course includes a unit on effective public speaking.

983- Journalism – 1 CREDIT

Journalism students assume the responsibility for the writing, layout, and publishing of various Valley View Publications. Students receive instruction in the tenets of responsible and ethical Journalism. Students receive instruction and practice with Radio and Television broadcast Journalism as well as various written forms. Students also receive training and practice with word processing and computer skills since they are responsible for various written publications.

984 – Yearbook – 1 CREDIT

Senior students only. This is a two-semester course.

Students are responsible for the funding, editing, and publishing of the Valley View High School Yearbook, *Avatar*. The grade received in this course is not part of the student grade point average.