



VALLEY VIEW HIGH SCHOOL

Program of Studies | 2022-2023

Forging our Future, Growing our Community

valleyview.k12.oh.us

CONTENTS

GENERAL INFORMATION

How To Use This Guide	3
Graduation Requirements	4
Flexible Credit Options	5
Advanced Placement/Honors	5
Weighted Scale	6
Elective & Alternative Courses	7
Four-Year College Entrance Considerations	7
Senior Option	7
College Credit Plus	8
College Credit Plus Pathways	8
Credit Recovery Period	9
Gifted Services	10

COURSE OFFERINGS

Agriculture	12
Art	15
Career Based Intervention	19
Computer Science	20
English	21
English Electives	25
Family & Consumer Sciences	26
Health & Physical Education	29
Industrial Technology	30
Mathematics	32
Music	36
Science	37
Social Studies	42
World Language	46

INTRODUCTION TO VALLEY VIEW HIGH SCHOOL

Valley View High School will use a 7-period day schedule for the 2022-2023 school year. All one-credit courses will meet every day for the full year (36 weeks.) Half-credit courses will meet every day for one semester (18 weeks.)

HOW TO USE THIS COURSE SELECTION GUIDE

Students, parents, and school personnel must work together to plan four years of high school courses. The courses selected each year have a dramatic impact on the courses that may be selected for the next year and on a student's career and educational choices after high school. Parents and students are encouraged to discuss and plan for the future.

This guide is designed to help you make the proper course selections. Courses are listed by department and each contains the following information: *title, grade level(s) for which the course is available, length, credit value, prerequisites that you must meet in order to take the course, whether there are fees, and special notes regarding the course.*

We encourage you to use this booklet to be certain you are scheduling the courses you need in order to meet both your graduation requirements and your post-high school plans.

VALLEY VIEW HIGH SCHOOL GRADUATION REQUIREMENTS

Students must earn twenty-two (22) credits as follows:

SUBJECT	CREDIT
English	4 credits
Mathematics (<i>up to Algebra II</i>)	4 credits
Science (<i>Physical Science, Life Science, Advance Science</i>)	3 credits
Social Studies (<i>World History, American History, Government</i>)	3 credits
Fine Arts (<i>Art, Drama, Mass Media, Music</i>)	1 credit
Health	.5 credit
Physical Education (2 semesters - each semester = .25 credits)	.5 credit
Elective courses	6 credits
TOTAL	22

***Beginning with the Class of 2026, students will be required to have .5 credits of Financial Literacy. This does not increase the total credits needed from 22.**

Class of 2023 and Beyond

In addition to attaining 22 credits (see above), students must earn a competency score of 684 in:

- Algebra I
- English 10

If a student does not earn a competency score of 684+ on the Algebra I and English 10 exam, they can opt for one of the following:

1. Demonstrate two career focused activities:

FOUNDATIONAL

- Proficient scores on WebXams
- 12 point industry credential
- A pre-apprenticeship or acceptance into an approved apprenticeship program

SUPPORTING

- Work-Based learning
- Earn the required score on WorkKeys
- Earn the OhioMeansJobs Readiness Seal

2. Enlist in the Military. Show evidence that you have signed a contract to enter a branch of the U.S. armed services upon graduation.
3. Complete College Coursework. Earn credit for one college-level math and/or college-level English course through Ohio's free College Credit Plus program.

Once a student meets the credit and competency requirements, they must attain two diploma seals. At Least one of the two needs to be an Ohio defined Seal. These Seals are listed below.

- OhioMeansJobs Readiness Seal (Ohio)
- Industry-Recognized Credential Seal (Ohio)
- College-Ready Seal (Ohio)
- Military Enlistment Seal (Ohio)
- Citizenship Seal (Ohio)
- Science Seal (Ohio)
- Honors Diploma Seal (Ohio)
- Seal of Biliteracy Seal (Ohio)
- Technology Seal (Ohio)
- Community Service Seal (Local)
- Fine Arts and Performing Arts Seal (Local)
- Student Engagement Seal (Local)

FLEXIBLE CREDIT OPTIONS

Valley View High School offers alternative learning experiences which take place outside of the school's classrooms and allow students to earn credits through Flexible Credit Options. Students must submit a credit flexibility plan **30** days prior to the start of the semester in which the student wishes to earn flexible credit. Instructions for developing a proposal are available from the school counselors; proposals are submitted to the principal. Decisions concerning whether a proposal is approved are to be made by a Credit Flexibility Review Panel within **15** days after a proposal submission.

COURSE CODES

Advanced Placement (AP) courses are designed for Juniors and Seniors who want the opportunity to earn college credit for high school courses, or who simply wish to take more challenging academic courses. Students enrolled in AP courses must accept academic challenges and independent study not present in other courses. Students will also be required to take the AP exam paid for by the Valley View District. At VVHS, AP courses are available in several different subject areas. AP and College Credit Plus courses carry additional weight in determining Valedictorian and Salutatorian status, and students may be eligible to receive credit from the college or university they attend if they achieve a certain score on the AP exam.

Availability of online AP classes is determined by Apex Learning. The offerings have typically included: Biology, Calculus AB, Chemistry, Politics, French, Macroeconomics, Microeconomics, English Language, English Literature, Spanish, Statistics, U.S. Government, Physics, and Psychology. Enrollment is limited in AP Courses. Students must request an AP course during the regular scheduling process and be selected to take a course based on grade point average.

Students should talk to their counselors if they are interested in taking AP courses.

Honors (Hon) courses are offered in various core departments. These courses offer additional academic challenges beyond other four-year degree college prep classes, and students can anticipate higher expectations for their work.

Criteria for AP and Honors Courses:

1. Selection will be determined by teacher recommendation, students' past performance in the particular area of study, and/or standardized testing.
2. Students will be required to do more in depth work than in a regular class.

WEIGHTED SCALE

Students will receive a weighted grade for classes taken at the Honors and Advanced Placement/college credit plus level. The honors classes will be on a 4.5 scale and the Advanced Placement/College Credit Plus classes will be on a 5.0 scale. Please check with your counselor to see if your CCP course receives a weighted scale. Not all CCP will earn the weight.

Grade	Numeric	Reg.	Honors	AP/CCP
A	100-93	4.000	4.500	5.000
A-	92-90	3.667	4.167	4.667
B+	89-87	3.333	3.833	4.333
B	86-83	3.000	3.500	4.000
B-	82-80	2.667	3.167	3.667
C+	79-77	2.333	-	3.333
C	76-73	2.000	-	3.000
C-	72-70	1.667	-	2.667
D+	69-67	1.333	-	-
D	66-63	1.000	-	-
D-	62-60	.667	-	-
F	59 below	.000	.000	.000

ELECTIVE AND ALTERNATIVE OPTIONS

Electives are courses students select in order to fulfill all graduation requirements. Every attempt will be made to schedule the classes requested by students. However, due to conflicts, closed classes, lack of sign-up, or other reasons, it may not be possible for students to be scheduled into all classes of first choice. Therefore, students should schedule alternative or second choice courses for each elective. This will increase the likelihood of obtaining the best schedule possible.

FOUR-YEAR COLLEGE ENTRANCE CONSIDERATIONS

Students who plan on attending a four-year college after high school should develop a four year program that includes, at least a *minimum* of the following: English (4 units); Social Studies (3 units); Mathematics (4 units, including Algebra I, Geometry, and Algebra II); Science (3 units, including Biology and Chemistry); World Language (2 units of the same language); and Fine Arts (1 unit of music, art, photography, and/or speech or drama).

Additional coursework in the major disciplines is always recommended and encouraged as is maintaining at least a "B" average.

Students can achieve their goals with good planning, by closely working with counselors to secure information regarding college entrance requirements, maintaining good grades, and scheduling the correct courses.

SENIOR OPTION (EARLY DISMISSAL OR LATE ARRIVAL)

Since colleges and universities are becoming increasingly more selective, students are highly encouraged to take a challenging course of study during their years at Valley View High School. An additional course can many times prove more beneficial than early dismissal. To be eligible for the Senior Option the student must be a senior and have completed state testing requirements, have passing grades (C Averages) in all classes, be in 6 classes per semester, have no credit deficiencies and not miss more than 6 days excused or unexcused in a semester. At the time of release, students must leave the building and not loiter on school property. Students MUST sign in upon arrival and out before leaving. Early dismissal or late arrival must be approved by the administration.

COLLEGE CREDIT PLUS (CCP) ENROLLMENT OPTION

Ohio's College Credit Plus (CCP) can help you earn college and high school credits at the same time by taking college courses from colleges and/or universities. The purpose of this program is to promote rigorous academic pursuits and to provide a wide variety of options to college-ready students. Ninth through twelfth graders are eligible to participate in the CCP Enrollment Option program. Students must indicate intent to participate every year, and they, along with their parents, are expected to attend an informational meeting to be held in the spring of the year.

Valley View has entered into an agreement with Sinclair Community College, for more information see your counselor. The VVLS D will pay for no more than 30 college equivalent credits per school year. Students who fail a CCP course or drop a CCP course after the withdrawal date, will be charged for the cost of the class by the Valley View Local School District. Students should check with their counselor on whether the CCP course they have signed up for will receive the weighted grade.

COLLEGE CREDIT PLUS (CCP) PATHWAYS

15 Credit Pathway (Semester 1)

COURSE NUMBER	COURSE NAME	CREDIT	METHOD
ENG 1101	Composition	3	VVHS
HIS 1101	US History	3	Sinclair
MAT 1470	College Algebra	4	Sinclair
*CHE 1211	General Chem I	5	VVHS

30 Credit Pathway (Semester 2)

COURSE NUMBER	COURSE NAME	CREDIT	METHOD
COM 2206	Interpersonal Communication	3	Sinclair
ENG 1201	Composition	3	VVHS
HIS 1102	US History II	3	Sinclair
MAT 1570	Trigonometry	3	Sinclair
COM 2211	Public Speaking	3	Sinclair

CREDIT RECOVERY PERIOD

First period Study Hall will be used as a credit recovery period. If a student has already sat through the class, they are eligible to retake the course to earn the credit through a credit recovery option. These students will be scheduled for first period Credit Recovery. Students who are in good standing with credits can elect to take a first period Study Hall and, as long as they stay in good academic standing, they can elect to come in late if they have a parent signature as well as provide their own transportation. These students then would not be able to have another study hall once they report to school unless it is a scheduled period to complete a course. This procedure is followed by many CCP students.

GIFTED SERVICES

Gifted students have many opportunities to have their unique learning needs met at Valley View Local Schools through advanced/honors, Advanced Placement, and CCP. Below is a table of classes that provide gifted services to students based on identification areas.

Gifted Identification Area	Advanced/Honors Courses	AP Courses	CCP Courses	Specialized Elective Courses
Reading/Writing	English 9 Honors English 10 Honors English 11 Honors		CCP English 12	
Math	Geometry Honors Algebra II Honors Pre-Calculus Honors Calculus	AP Calculus AB		
Science	Physics Cellular Molecular Biology Body Systems	AP Biology	CCP Chemistry Advanced	
Social Studies	World History Honors American History Honors	AP U.S History AP Government	CCP-online-Psychology CCP-online-Sociology	
Visual/Performing Arts				Art Foundations Digital Art Foundations Photography Techniques Art Techniques Digital Marketing Advanced Photography Advanced Art Art Forms and Functions Studio Art Graphic Design Independent Art Chamber Choir Symphonic Band Music Technology Drama 1 Drama 2

All gifted students will be clustered or grouped together in classrooms to better meet their needs. If there is not an advanced/honors/AP/CCP course available in the subject area/grade level, the cluster grouped classroom will count as their gifted service.

A student who is identified as gifted in Superior Cognitive Abilities or Creative Thinking may be challenged through any of the courses listed in the previous table.

Any CCP course, if it matches a student's area of identification, is also considered a gifted service.



VALLEY VIEW HIGH SCHOOL

COURSE DESCRIPTIONS | 2022-2023



AGRICULTURE EDUCATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Agriculture, Food and Natural Resources	1	9-12	None	\$25.00
Mechanical Principles	1	10-12	AFNR	\$25.00
Business Management for Ag. and Environment	1	11-12	AFNR/Co. reg.	\$20.00
Livestock Selection, Nutrition and Mang.	1	11-12	AFNR	\$25.00
Agricultural and Environment Capestone	1	11-12	complete 3 Ag courses	none

The Valley View Agricultural Education Department offers diverse classes to serve the many different students in our high school. Primary courses are the recommended path for students interested in agriculture, and elective courses are available in addition to the primary course track. By taking an agriculture course, each student is automatically enrolled as a member of the FFA. Additionally, each student will be required to complete a Supervised Agricultural Experience (SAE) project.

Primary Course Descriptions

SAE Project All students are required to develop, implement and conduct a supervised Agricultural Experience Project. This project is a yearlong activity, which extends into the summer months. The SAE may consist of job placement, entrepreneurship, research, or exploratory projects. The project is meant to help the student gain hands-on experience in an agricultural-related field of their choice and is completed outside of class. If interested, students have the opportunity to exhibit their SAE at the county and state fairs. Records will be kept and updated in an outline Agricultural Experience Tracker (AFT) record keeping system. Successful SAE's provide award opportunities for state and national recognition via Proficiency Awards and State and American Degrees.

FFA Participation FFA membership is mandatory for students enrolled in the Agricultural Education Program. Member participation in FFA activities helps to build a strong chapter and strong leaders. To take advantage of the opportunities offered, members are required to attend monthly FFA meetings (including the parent-member banquet), participate on a Program Activities committee, and at least one career development event (contest) per school year. Additional activities students may participate include; FFA fundraisers, FFA leadership opportunities such as conventions, conferences, and FFA camps, and school/community FFA sponsored events.



Agriculture, Food and Natural Resources

Grades 9-12 (every year)

Length: year

Credit: 1.0

Prerequisite: none

Fee: yes

Agriculture, Food and Natural Resources (AFNR) is the first course in the Agricultural and Environmental Systems career field. It introduces students to the pathways that are available in the field of agriculture. Learners will obtain fundamental knowledge and skills in food science, natural resource management, animal science and management, plant and horticultural science, power technology, and biotechnology. Students will be introduced to the FFA organization and begin development of their leadership ability.

Mechanical Principles of Agriculture

Grades 10-12

Length: year

Credit: 1.0

Prerequisite: AFNR

Fee: yes

Students will engage in the mechanical principles utilized in animal and plant production systems. They will learn electrical theory, design, wiring, hydraulic and pneumatic theory, along with metallurgy in relation to hot and cold metals. Students will apply knowledge of sheet metal fabrication applicable to the agricultural industry along with identifying, diagnosing, and maintaining small air-cooled engines. Throughout the course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Livestock Selection, Nutrition and Management

Grades 11-12

Length: year

Credit: 1.0

Prerequisite: AFNR

Fee: yes

Students will identify and apply principles and routine husbandry practices to production of animal populations. Topics will include principles of nutrition, feed utilization, animal welfare, selection management of facilities, and herd populations. Students will apply knowledge of production animal care to enhance animal growth, selection of breeding stock, and management practices. Throughout the course, students will develop management plans reflecting practices for care and legal compliance.

Business Management for Agricultural and Environmental Systems

Grades 11-12

Length: year

Credit: 1.0

Prerequisite: AFNR

Fee: yes

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.



Business Management for Agricultural and Environmental Systems

Grades 11-12
Length: year
Credit: 1.0
Prerequisite: AFNR
Fee: yes

Students will examine elements of business, identify organizational structures and apply management skills while developing business plans, financial reports and strategic goals for new ventures or existing businesses. Learners will use marketing concepts to evaluate the marketing environment and develop a marketing plan with marketing channels, product approaches, promotion and pricing strategies. Throughout the course, students will apply concepts of ethics and professionalism while implications of business regulations will be identified.

Sinclair Foundations of Business

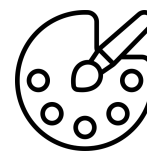
MAN 1107
3 Credit Hours

The American business system and basic principles of the free market system. Includes introduction of business concepts, entrepreneurship, management, marketing, economics, accounting and other important business principles.

Agricultural and Environmental Systems Capstone

Grades 11-12
Length: year
Credit: 1.0
Prerequisite: Must have completed three agricultural education courses **or** be enrolled in the third course
Fee: none

Students apply Agricultural and Environmental Systems program knowledge and skills in a more comprehensive and authentic way. Capstones are project/problem-based learning opportunities that occur both in and away from school. Under supervision of the school and through partnerships, students combine classroom learning with work experience to benefit themselves and others. These can take the form of mentorship employment, cooperative education, apprenticeships and internships.



ART DEPARTMENT

1 FINE ART CREDIT REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Art Foundations	.5	9-12	none	\$18.00
Digital Art Foundations	.5	9-12	none	\$10.00
Photography Techniques	.5	9-12	none	\$18.00
Art Techniques	.5	9-12	none	\$18.00
Digital Marketing	.5	9-12	none	none
Advanced Photography	.5	10-12	Photo Techniques	\$18.00
Yearbook	1	10-12	Advisor Selection	none
Advanced Art	.5	10-12	Art Foundations & Art Techniques	\$18.00
Art Forms and Functions	.5	11-12	Art Foundations or Art Techniques	\$35.00
Studio Art	.5	11-12	Advanced Art	\$18.00
Graphic Design	.5	11-12	Digital Art Foundations	\$25.00
Independent Art	.5	11-12	Application/Teacher selection	\$20.00

Art Foundations

Grades 9-12

Length: semester

Credit: 0.5

Prerequisite: none

Fee: yes

This introductory course concentrates on building a strong foundation for the beginning high school artist. Projects are designed to promote basic drawing skills with emphasis on the elements and principles of art. Students create 2-dimensional and 3-dimensional artworks, develop their art skills and control of art media. Concepts taught may include value, stipple and line shading, grid drawing, still life, proportion, perspective, drawing from observation, and simulated texture. Media used may include: pencil, colored pencil, charcoal, oil and chalk pastels, markers, ink, paper mache, fiber, acrylic paints, and watercolors.



Art Techniques

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

Students continue to build skills and techniques introduced in Art Fundamentals with a concentration on painting and color theory. Projects require the student to work with increasingly complex processes and media while developing an individual solution to class problems. Students will work on 2-dimensional and 3-dimensional projects, explore color using the color wheel, analogous colors, value, intensity, color temperature and complementary color schemes, and use a variety of paint media. Students will also experiment using chalk pastels, colored pencils, markers, and paper mache.

Digital Marketing

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: none

This course provides a broad overview of how to convey messages through journalism, commercial advertising, and marketing. Students will gain a fundamental understanding of the digital marketing core principles needed for the 21st-century consumer. Topics will include the accuracy and impact of words and visuals used in news, advertisements and commercials, brand awareness, web page design, and social media marketing. This course will also provide practical experience in implementing digital marketing work for a local need.

Art Forms and Functions

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: Art Techniques or Art Foundations
Fee: yes

This course concentrates on a variety of art forms that have a functional use. Students will work on 2-Dimensional and 3-Dimensional projects building skills by using various techniques and processes. Media used may include glass, polymer clay, gourds and natural objects, along with traditional artist mediums. Projects may include stained glass mosaic, fused glass, and creating functional vessels from natural objects.

Advanced Art

Grades 10-12
Length: semester
Credit: 0.5
Prerequisite: Art Techniques and Art Foundations
Fee: yes

This advanced level course is for self-motivated, serious art students. The course is designed to encourage artistic growth and to develop problem solving and critical thinking skills using traditional and non-traditional approaches to observational studies in art. A variety of 2-D and 3-D projects demand high level solutions from each student. Subject matter includes but is not limited to, self-portrait, still-life, landscapes, figures, and animals. Media may include pencil, chalk pastel, paper mache, acrylic paints, watercolors, cut paper and polymer clay. Processes may include drawing, painting, batik, animation and sculpture. Advanced Art students critique all projects and create a digital portfolio of their work.



Studio Art

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: Advanced Art or by special permission of the instructor
Fee: yes

This course is designed for serious art students considering post-secondary study in a visual art related field. The emphasis will be on exploring a variety of approaches to observational studies while discovering a personal style of expression. Students must complete a body of work consisting of 5-6 pieces. The course requires a serious focus and commitment to developing as a student artist as well as a willingness to spend time working outside of class. This course may be repeated requiring a new body of work from the student artist.

Digital Art Foundations

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

This course is designed to introduce the fundamentals of beginning digital imaging and use of the computer as an art medium. Students will learn the basic principles of digital photography and its specific applications to the visual arts. This class is designed around Adobe Photoshop Software. Students will become familiar with a variety of tools and techniques used in photography and graphic design. Major themes include: typography, photo juxtaposition and manipulation, digital collage, and digital painting. Students are encouraged to have their own flash drive.

Photography Techniques

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

This course is designed to introduce the fundamentals of beginning digital photography and use of the computer as an art medium, as well as a brief introduction to darkroom photography. Students will learn the basic principles of digital photography and its specific applications to the visual arts. This class is designed around Adobe Photoshop Software. Students will develop their aesthetic and artistic potential through digital capture, manipulation, output, composition, portfolio design and critiques. Students are encouraged to have their own digital camera and memory card.

Advanced Photography

Grades 10-12
Length: semester
Credit: 0.5
Prerequisite: Photography Techniques
Fee: yes

This course is designed for mature photographers. Students will expand their skills learned in beginning photography with an emphasis on personal expression and development of creativity. Students will research the life and history of famous photographers, while exploring the world of digital experimentation, documentary photography and portfolio development. This course goes more into depth with the use of darkroom photography. Students are encouraged to have their own digital camera and memory card



Graphic Design

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: Digital Art Foundations
Fee: yes

This course concentrates on the high-end capabilities of photo-editing and creation. Students will use Photoshop CS3 software and Sculpttris software to create original works of art. Students will learn to think critically, make aesthetic judgments, and become familiar with a variety of tools and techniques used to produce professional work in the fields of graphic design, advertising, and illustration. Major themes include: 3D modeling, color theory, typography, image collage, magazine/brochure layouts and product design. Students are encouraged to have their own digital camera and memory card.

Yearbook

Grades 10-12
Length: year
Credit: 1.0
Prerequisite: advisor will select students for this class
Fee: none

This is a workshop course for the production and publication of the school yearbook. Students will be required to work independently to meet production deadlines for original layouts. Some out-of-class time may be required for this course. It is recommended that students be familiar with Microsoft Publisher. Students will be selected for participation.

Art Independent Study

Grades 11-12
Length: semester
Credit 0.5
Prerequisite: 3 or more art courses & approved application
Fee: yes
Sketchbook required

Independent Study has been developed for the serious art student who can work well independently and has maintained above average grades in all previous art classes including Independent Study. Independent Study students will be encouraged to explore various areas of art specifically focused on their own interest. Independent Study students will create a semester syllabus according to their personal interests and individual level of development. All work will be done on a contractual basis. Due to the independent nature of this class, this semester course can only be taken with the written consent of the art teacher.



CAREER-BASED INTERVENTION (CBI)

Career-Based Intervention

Grades 11-12

Length: year

Requirement: Teacher/Counselor recommendation

Fee: \$10.00

Career-Based Intervention (CBI Work)

Grades 11-12

Length: year

Requirement: Teacher/Counselor recommendation

Fee: \$10.00

CBI is designed to serve students who may benefit from a program that is organized differently than the traditional classroom. Students who are having academic difficulties in the regular classroom are urged to consider CBI as it stresses class work plus out-of-school employment in an attempt to allow the students to experience the accomplishment and success. CBI students are expected to have a work permit and a job on the first day of school.

Course Content

Course content will be provided by the APEX online education system.

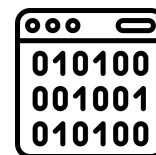
1. Students will be required to attend school for part of the school day and to report to a job after their class work is completed
2. Subjects to be covered include:
 - a. CBI Related
 - b. Language Arts
 - c. Health
 - d. Social Studies
 - e. Science
 - f. Mathematics
 - g. Other
3. Students will be required to have a job that employs them at least 15 hours per week.

Eligibility

- Sixteen years of age
- Lack of achievement in the regular classroom
- Employable
- Approval by parent and counselor

Obligations of the Student

1. Must furnish their own transportation
2. Must sign an agreement on dress, appearance, and responsibility
3. Must be punctual and maintain good attendance, both at school and job
4. **Must be employed** or certify that they are actively seeking employment



COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Intro to Computer Science	.5	9-12	none	none

**Intro to Computer Science/
Computer Science Essentials**

Grades 9-12

Length: semester

Credit: .5

Prerequisite: Application

Fee: none

With emphasis on computational thinking and collaboration, this course provides an excellent entry point for students to begin their computer science high school experience. Computer Science Essentials will expose students to a diverse set of computational thinking concepts, fundamentals, and tools, allowing them to gain understanding and build confidence. In Computer Science Essentials, students will use visual, block-based programming and seamless transition to text based programming with languages such as Python® to create apps and develop websites, and learn how to make computers work together to put their design into practice. They'll apply computational thinking practices, build their vocabulary, and collaborate just as computing professionals do to create products that address topics and problems important to them.



ENGLISH

4 CREDITS REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
English 9	1	9	none	none
English 9 College Prep	1	9	none	none
English 9 Honors*	1	9	Teacher Recommendation	none
English 10	1	10	none	none
English 10 College Prep	1	10	none	none
English 10 Honors*	1	10	Teacher Recommendation	none
English 11 College Prep	1	11	none	none
English 11 Honors*	1	11	Teacher Recommendation	none
English 12 College Prep	1	12	none	none
CCP English 12**	1	12	Accuplacer Score	none

*4.5 grading scale

**5.0 grading scale

English 9 CP

Grade: 9

Length: year

Credit: 1.0

Prerequisite: none

Fee: none

This course provides the same genre based literature for English 9 with more selections and a greater degree of difficulty of material for the college bound student. Composition skills will include more focus on literary analysis and argument. Literary elements, vocabulary and writing assignments will be derived from a variety of literature sources and/or student response to literature.



English 9 Honors

Grade: 9
Length: year
Credit: 1.0
Prerequisite: teacher recommendation
Fee: none

The English 9 Honors course is a course for students who have demonstrated advanced understanding of English and who want a more intense preparation for college. This English course is based on Ohio's Academic Standards for English Language Arts in Grade 9 and the Common Core State Standards for English Language Arts and is a study of language, literature, composition, and oral communication with a focus on exploring a wide-variety of genres and their elements. Students use literary interpretation, analysis, comparisons, and evaluation to read and respond to representative works of historical or cultural significance appropriate for Grade 9 in classic and contemporary literature balanced with nonfiction. Students write short stories, responses to literature, expository and argumentative compositions, research reports, and business letters. Students deliver grade-appropriate oral presentations and access, analyze, and evaluate online information. Students who are accepted into the Honors course must complete a summer reading assignment.

English 10 College Prep

Grades 10-12
Length: year
Credit: 1.0
Prerequisite: none
Fee: none

Tenth grade College Prep English is designed for the college bound student. It is a challenging program aimed at improving all aspects of language skills development. The writing focus will increase understanding of the multi-paragraph essay along with developing sound writing skills as demonstrated with practice in the various stages of the writing process. The literature program centers on a sampling of genres including mythology, poetry, drama and novels, all from world and contemporary literature. Grammar and vocabulary study provide reinforcement to aid in the writing process.

English 10 Honors

Grades 10-12
Length: year
Credit 1.0
Prerequisite: none
Fee: none

Students must successfully complete the summer reading assignments, and receive a recommendation for placement in the Honors course. This course presents students with an accelerated program. The student must already possess a mastery of writing as reflected in strong sentence structure, critical thinking skills and cohesive paragraph development. The writing program will focus on the development of a variety of writing styles. The literature portion focuses on a sample of genres including mythology, poetry, and drama taken from classical and contemporary literature. Students should expect to complete independent readings, oral presentations and a variety of written essays. Vocabulary and grammar instruction will enhance the overall language instruction.



English 11 CP

Grades 11-12
Length: year
Credit: 1.0
Prerequisite: none
Fee: none

The College bound students will pursue a chronological survey of American literature by analyzing the genres of major American authors. Independent reading, writing, and vocabulary will help the student master language skills necessary for success in his or her chosen career. Special attention will be given to the skills needed to write formal research papers. Successful completion of a research paper is required.

English 11 Honors

Grade 11
Length: year
Credit: 1.0
Prerequisite: teacher recommendation
Fee: none

Honors English 11 is a course for students who have demonstrated advanced understanding and performance in English classes throughout high school. It is also for the student who wants a more intensive preparation for college and an introduction to college level expectations and work. This English course is based on Ohio's Academic Standards for English Language Arts in Grade 11 and the Common Core Standards for English Language Arts. Students who are recommended and accepted into Honors English 11 must complete a summer reading assignment prior to the class. The course will focus on reading (both literature and non-fiction), writing, listening, speaking, and thinking. There will also be an emphasis on research skills, vocabulary building, ACT preparation, and college readiness. The foundation of literary study will be American literature, but the process will be a thematic study rather than a chronological approach. There will be cross-curricular connections made with other academic disciplines such as history, philosophy, and science. Students will have a rigorous reading schedule and consistent typed essay assignments submitted on Google Docs (including a research paper). The course will stress critical thinking as identified by Bloom's Taxonomy and the development of the individual student.

English 12 CP

Grade 12
Length: year
Credit: 1.0
Prerequisite: Accuplacer test and enrollment to Sinclair
Fee: none

This class will explore literary styles through a chronological study of English literature from the Dark Ages to the present day. Reading, writing and vocabulary will be designed to help the student develop analytical thinking and practical writing skills. A research paper/project utilizing the skills from English 11 and 12 is required



College Credit Plus English 12

Grade 12

Length: 2 semesters

Credit: 2 (VV); College Credit: 6

Prerequisite: college ready score

Fee: none

Dual Enrollment/College English is a year-long course for seniors that offer the opportunity to earn the required high school credit while earning six semester hours of college English through Sinclair. The first semester will focus on English Composition with work in reflective, analytical and argumentative writing strategies and the second semester concentrates on research based writing with a final research paper required. Students will need to score college ready on the approved entrance exam.

Special Note on Summer Reading

The English Department will require all students in Honors English to complete a summer reading Assignment.

ENGLISH ELECTIVES



COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Speech	.5	9-12	none	none
Sports Literature	.5	9-12	none	none
Drama 1	.5	9-12	none	none
Drama II	.5	10-12	Drama I	none
Mass Media	.5	10-12	none	none
Video production	.5	11-12	Mass Media	none

Speech

Grades 9-12; Length: semester
Credit: 0.5; Prerequisite: none; Fee: none

Students will study what is involved in planning and making oral presentations. Students will be required to write and deliver speeches.

Mass Media

Grades 10-12
Length: semester
Credit: 0.5
Prerequisite: none; Fee: none

Students will study the effects of television, film, radio, advertising, and print media on those who use or view them. The production process and mechanics of each medium will be taught, and students will develop projects in each. Group work and independent study skills will be utilized

Video Production

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: Mass Media; Fee: none

This course will focus on the advanced levels of video editing such as camera angles, transitions, special effects, etc. Students will focus on aspects of video production through the creation of mini projects that reflect the editing techniques taught.

Sports Literature

Grades 9-12; Length: semester
Credit: 0.5; Prerequisite: none; Fee: none

In this course, students will study the effect of sports in society through literature and film. Students will investigate how sports influence our society through fiction, film, and non-fiction.

Drama I

Grades 9-12; Length: semester
Credit: 0.5; Prerequisite: none; Fee: none

This is a survey course of the basic techniques of acting. Improvisation pantomime, stage directions and stage combat will be some of the techniques studied. A willingness to actively participate is needed

Drama II

Grades 10-12; Length: semester
Credit: 0.5; prerequisite: Drama I; Fee: none

This course is an advanced level of drama designed to give students a more in-depth study of theatre. Storytelling, make-up, set design, and directing are a few of the units covered.

FAMILY AND CONSUMER SCIENCE



COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Food and Nutrition	.5	9-12	none	\$25.00
Transitions and Careers	.5	9-12	none	none
Foods Around the World	.5	9-12	none	\$50.00
Personal Wellness	.5	10-12	none	\$10.00
Human Growth and Development	.5	10-12	none	\$10.00
Financial Literacy	.5	11-12	none	none
College and Career Readiness	.5	11-12	none	none
Mentorship I & II	3	11-12	Application and Transitions and Careers course	\$20.00

Foods and Nutrition

Grades 9-12
Length: semester
Credit 0.5
Prerequisite: none
Fee: yes

Think fresh, chop safe and eat well. This course is about planning, preparing, and eating as a health and social experience. Nurture your mind and body by learning about foods that will give you brain power and energy, all while enjoying with friends and family. An emphasis will be placed on planning and preparing meals with an understanding of nutrients and the benefits, portion control and dietary needs. Begin to develop a sense of effective exercise and healthy lifestyle through laboratory experiences, hands-on projects, and problem based activities.



Transitions and Careers

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: none

This course provides students with the opportunity to research and explore careers. It will also prepare students entering the workforce to develop acceptable work ethics, habits, and attitudes for use in a job setting. Students learn about work, the workplace, and how to search, apply, and interview for a job. Students will also learn expectations of employers, worker rights and protections, human relations skills, job advancement, and appearance on the job. Students will learn how wages and earnings are calculated and paid. Additionally, they will learn communication skills, safety concerns, and leadership. Students will have the opportunity to earn the OhioMeansJobs Readiness seal in this course that will help them with graduation requirements. This course will explore both jobs that require a college degree as well as those that do not. This course is strongly recommended prior to Mentorship.

Foods Around the World

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

Prepare your taste buds for something new. This course is about experiencing food from around the world. Students will be exploring different cuisines while also learning about traditions, customs, and etiquette from many different cultures. Students will examine the issues and conditions that affect the availability and quality and quality food in the global market. Kitchen tools, recipe terms and cooking techniques will be discussed and applied.

Personal Wellness

Grades 10-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

In this course, students will analyze personal physical, emotional, social and intellectual growth for healthy lifestyles. An emphasis will be placed on lifespan wellness by managing social and intrapersonal practical problems. Additional topics will include: Human growth and development, financial management, personal hygiene and preparing for emergency and medical situations.

Human Growth and Development

Grades 10-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

In this course, students will analyze human growth and development throughout the lifespan. An emphasis will be placed on physical, cognitive, social and emotional growth and development. Additional topics will include human characteristics and traits, genetic defects, parenting styles and responsibilities and cultural differences within a family unit and community.



Financial Literacy

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: none

This course is designed to develop a basic understanding of the importance of personal financial matters and how to make sound financial decisions. Students will be introduced to topics that will improve their economic citizenship. Topics include financial responsibility, planning/budgeting and money management, consumer choices and purchasing decisions, investing, credit, and insurance (i.e., life, vehicle, health). Students will be equipped to manage their personal business and financial affairs more efficiently. **This class will be a graduation requirement starting with the class of 2026.**

College and Career Readiness

Grades 11-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: none

In this course, students will develop effective learning strategies and skills to provide a strong foundation for successful lifelong learning. Throughout this course, students will research careers and occupations, review postsecondary admissions qualifications, develop interviewing skills and participate in job shadowing. Additional topics will include principles and techniques of professionalism, networking conflict-resolution, negotiation, leadership and entrepreneurship.

Mentorship Experiences I & II

Grades 11-12
Length: semester
Credit:
Prerequisite: Application
Fee: yes

Mentorship is a Junior/Senior only class designed to get students involved in the business world, participating in a career or careers that interest them. The Mentorship I class involves job shadowing, tours, mentoring, observations and education as well as classroom learning. Mentorship II will involve career field experiences. The schedules may differ for each student, based on the career field the student wants to experience, and will include classroom instruction as well as off-site experiences for all students. Students will also have the opportunity to earn the OhioMeansJobs Readiness Seal, verifying competency in 15 professional skills. Individual transportation is necessary.



HEALTH & PHYSICAL EDUCATION

.5 CREDITS HEALTH REQUIRED FOR GRADUATION

.5 CREDITS PHYSICAL EDUCATION REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Physical Education	.25	9-10	none	none
Health	.5	9-12	none	none

Note: 2 courses of Physical Education and 1 course of Health are required for graduation.

Physical Education

Grades 9-10
Length: semester
Credit: 0.25
Prerequisite: none
Fee: none

This class will focus on knowledge and skills associated with team sports, physical conditioning and individual or team recreational lifetime sports activities. Self-testing activities will be conducted. All students will be evaluated on a standardized physical fitness assessment.

Health

Grades 8-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: none

Health will include an overview of the human body. It will also cover such topics as mental health, stress management, physical fitness, nutrition basics, disease prevention and control, alcohol and tobacco use, first aid and CPR, environmental health, and health care.

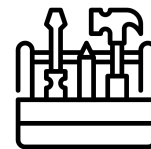
Advanced Physical Education

Grades 10-12
Length: semester
Credit: 0.25
Prerequisite: PE/waiver
Fee: none

This course will have an emphasis on strength and conditioning as well as a variety of lifetime individual activities (golf, tennis, etc.) and select team sports (volleyball, floor hockey, etc.). Each student will be involved in an individual, progressive program. All programs are designed for both male and female students. Students may take this course more than once, but this course does not replace the required Physical Education class.

*Physical Education can be waived by students. Students should request the PE waiver packet from their counselor if they are interested in this waiver.

INDUSTRIAL TECHNOLOGY



COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Industrial technology	.5	9-12	none	\$40.00
Home maintenance	.5	9-12	none	\$30.00
Drafting	.5	9-12	none	\$10.00
Wood Technology I	.5	9-12	Industrial Technology	\$45.00
Wood Technology II	.5	10-12	Industrial technology/ Woods Technology I	\$45.00
Welding	.5	10-12	none	\$45.00

Extra fees could be required

Industrial Technology

Grades 9-12
Length: semester
Credit: 0.5
Prerequisite: none
Fee: yes

This course will be a basic introduction to the following areas of Industrial Technology: industrial mathematics, measuring, blueprint reading, house framing, scale modeling, shop safety, basic hand tools and power equipment operation, wood technology, basic electrical wiring and a STEM project (CO2 Powered Dragster). Students will produce individual projects and a group project.

Home Maintenance

Grades 9-12
Length: semester
Credit: .5
Prerequisite: none
Fee: yes

This course will provide students with a basic understanding of various home maintenance issues through a modular, hands-on approach. Students will learn various home maintenance tasks including safety, plumbing systems, electrical systems, HVAC, painting, siding, windows, doors, yard care, roofing, framing, shop safety, and troubleshooting problems. Students will produce projects and complete activities related to the home.

Drafting

Grades 9-12
Length: semester
Credit: .5
Prerequisite: none
Fee: yes

Students will be introduced to a variety of basic facets of drafting through the use of AutoCAD drafting software. Areas of study will include sketching, orthographic projection, pictorial drawings and architectural drawings. Students will also be introduced to 3D modeling and printing of CAD drawings.



Wood Technology 1

Grades 9-12

Length: semester

Credit: .5

Prerequisite: Industrial Technology

Fee: yes

This course is a study of woodworking machinery, methods, and materials used in the woodworking industry. The student will complete several required projects. The student and instructor will then agree upon advanced elective projects to be completed after the standard assigned projects are completed. Students are required to pay for materials used in their projects if the cost exceeds the fee.

Wood Technology 2

Grades 10-12

Length: semester

Credit: .5

Prerequisite: Industrial Tech and Wood Tech 1

Fee: yes

This course is a more advanced study of woodworking machinery, methods, and materials used in the woodworking industry. The student will complete several required projects. The student and instructor will then agree upon advanced elective projects to be completed after the standard assigned projects are completed. Students are required to pay for materials used in their projects if the cost exceeds the fee.

WELDING

Grades 10-12

Length: semester

Credit: .5

Prerequisite: none

Fee: yes

This course is the study of welding, metals technology, processes, and equipment. Special attention will be given to safety and using proper techniques. Topics and skills to be covered include arc (stick) welding; oxy-acetylene welding and cutting; MIG and TIG welding; plasma cutting and grinding. Students will practice learned skills daily and produce projects. The welding industry and careers in welding will also be explored.



MATHEMATICS

4 CREDITS REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Math 9	1	9	none	none
Math Support	1	9-10	Teacher/Counselor recommendation	none
Algebra I	1	9-10	none	none
Geometry	1	9-11	Algebra I	none
Geometry Honors*	1	9-11	Algebra I (8th grade)	none
Algebra II	1	10-12	Geometry	none
Algebra II Honors*	1	10-12	Geometry Honors	none
Statistics	.5	11-12	Algebra II	none
Trigonometry	.5	11-12	Algebra II	none
Pre-Calculus	1	11-12	Algebra II	none
Pre-Calculus Honors*	1	11-12	Algebra II Honors	none
Calculus*	1	12	Pre-Calculus	none
AP Calculus AB**	1	12	Pre-Calculus Honors	fee for exam

*4.5 grading scale
 **5.0 grading scale

Recommended calculators at Valley View High School are TI-84 Plus or TI-84 Plus CE (color) regardless of the math course you are scheduled to take.

Math Philosophy Math is learned sequentially. For all students to be successful and to complete math requirements on a seven period schedule, it is important to take the appropriate course in the correct sequence.

Math 9
 Grade 9
 Length: year
 Credit: 1
 Prerequisite: none
 Fee: none

This class focuses on content through concrete models and real-world situations and with less emphasis on symbol-manipulation and formal mathematical structure, with the goal of creating a firm base of Math knowledge to boost future academic success.



Math Support

Grade 9-10
Length: year
Credit: 1
Prerequisite: coincides with Alg. I
Fee: none

This class is designed to provide support and to coincide with an Algebra 1 course. Math Support is not remedial and will provide immediate support and intervention for students. Students will not sign-up for this course but will be recommended by teachers only. Speak with your counselor if you are interested in this course.

Algebra I

Grades 9-12
Length: year
Credit: 1.0
Prerequisite: none
Fee: none

This course develops the reasoning tools that students need to understand the abstract concepts of algebra. Students solve interesting problems that have many forms and formats. Lessons promote experimenting, conjecturing, discovering, and writing about mathematics. Geometry, data analysis and number theory are woven into the algebra content. The mathematics in these courses is applicable to real world situations and studies beyond high school. Students will learn to use variables, solve equations, explore properties, and be introduced to functions and graphs by working in the real number system.

Geometry

Grades 9-12
Length: year
Credit: 1.0
Prerequisite: Algebra I or Concepts Algebra IB
Fee: none

This course develops the reasoning abilities that students need to understand the abstract concepts of geometry. Coordinates and transformations as well as measurement, area and volume are studied in depth. The notion of proof is developed slowly. Lessons promote experimenting, conjecturing, discovering, and writing about mathematics. Algebra, data analysis and number theory are integrated into the geometry content. The mathematics in this course is applicable to real world situations and studies beyond high school.

Core Geometry

Grades 10-12
Length: year
Credit: 1.0
Prerequisite: Concepts Algebra IB or Alg. I
Fee: none

This course is very similar to the Geometry course offered; however, the course is designed to allow students more time on the concepts to gain a better understanding. This course develops the reasoning abilities that students need to understand the abstract concepts of geometry. Coordinates and transformations as well as measurement, area and volume are studied. The notion of proof is developed slowly. Lessons promote experimenting, conjecturing, discovering, and writing about mathematics. Algebra, data analysis and number theory are integrated into the geometry content. The mathematics in this course is applicable to real world situations and studies beyond high school. Students study the essentials of geometry with connections to practical applications.



Algebra II

Grades 10-12
Length: year
Credit: 1.0
Prerequisite: Geometry
Fee: none

Algebra II studies a variety of topics, from lines to algorithms, quadratic to conic sections, systems to statistics, and matrices to trigonometry. Mathematics is based upon student's experiences with newspapers, television, magazines, work and school. It contains the mathematics that educated people around the world use in conversation and that four-year colleges expect students to have studied.

Core Algebra II

Grades 11-12
Length: year
Credit: 1.0
Prerequisite: Core Geometry or Geometry
Fee: none

Students study the essentials of Algebra II with connections to practical applications.

Trigonometry

Grades 11-12
Length: semester
Credit: .5
Prerequisite: Algebra II
Fee: none

This course deals with basic trigonometry concepts, graphing trigonometric functions, applied trigonometry, and trigonometric identities. Tasks will involve hands-on activities and applications related to real-world concepts. Students will benefit in improving skills for college entrance exams, strengthening understanding of concepts for Pre-Calculus and engineering based courses. TI-84 plus is the recommended calculator.

Statistics

Grades 11-12
Length: semester
Credit: .5
Prerequisite: Algebra II
Fee: none

This course deals with descriptive statistics, probability, random sampling, and surveys. Activities are investigative and project-based using "real" data. Students will develop and strengthen skills for those interested in social sciences and business. TI-84 plus is the recommended calculator.

Pre-Calculus

Grades 11-12
Length: year
Credit: 1.0
Prerequisites: Algebra II and teacher recommendation
Fee: none

This advanced course explores and analyzes functions and trigonometry, coordinate geometry and introduces basic calculus topics. The accurate and immediate graphing capabilities of technology are important components of instruction. It helps students develop intuitive understandings of the relationships between algebraic functions and their graphical representations. This is an important course for students serious about pursuing a mathematics-based career. A TI-84 Plus or TI-84 Plus CE (color) is a requirement for the course.



Honors Pre-Calculus

Grades 11-12

Length: year

Credit: 1.0

Prerequisites: Geometry, Algebra II and teacher recommendation

Fee: none

This advanced course explores and analyzes functions, trigonometry, coordinate geometry and basic calculus. The accurate and immediate graphing capabilities of technology are important components of instruction. It helps students develop intuitive understandings of the relationships between algebraic functions and their graphical representations. This is an important course for students serious about pursuing a mathematics-based career. It is designed and paced for those students interested in continuing with AP Calculus AB. A TI-84 Plus or TI 84 Plus CE (color) is a requirement for the course.

Calculus

Grade 12

Length; year

Credit: 1.0

Prerequisites: Precalculus, teacher recommendations

Fee: none

Using the skills and tools learned in PreCalculus, students will analyze graphs and functions, and in doing so develop an intuitive understanding of limits and continuity. This will lead to the study, calculation, and application of the derivative. The third component of the course is the study of integrals, antidifferentiation and the Fundamental Theorem of Calculus. Technology will be used regularly to confirm written work, to implement experimentation, and to assist in interpreting results. A TI-84 Plus or TI 84 Plus CE (color) is a requirement for the course. **This course is on the 4.5 weighted scale.**

AP Calculus AB

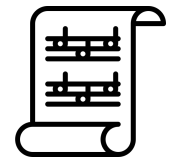
Grade 12

Length: year

Prerequisite: Honors Precalculus (A or B), teacher recommendation

Fee: AP exam fee

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. You'll learn how to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and how to make connections among these representations. You will learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. Therefore, a Ti-83 Plus or Ti-84 Plus CE (Color) calculator is recommended. Students are required to take the AP Calculus AB exam at the conclusion of course. Prerequisite is satisfactory completion (A or B-) in Honors Pre-Calculus or teacher recommendation.



COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Chamber Choir	1	9-12	none	none
Symphonic Band	1	9-12	2 yrs. previous instruction	none
Music Technology	.5	9-12	none	none

Note: Attendance at all concerts, performances, and rehearsals is mandatory unless the absence is excused by the school attendance policy or a music director. Unexcused absences from ANY concerts, performances, or practices will result in lower grades, possible course failure, and possible removal from the group.

Chamber Choir

Grades 9-12
 Length: year
 Credit: 1.0
 Prerequisite: none
 Fee: none

The VVHS Chamber Choir is a performance-based ensemble open to any student. Students will develop vocal fundamentals while working on literature that spans music history. Such literature includes both sacred and secular repertoire in many languages. As it is a performance –based ensemble, all participants are required to attend all after school rehearsals and performances, including both school and community concerts and competitions.

Symphonic Band

Grades 9-12
 Length: year
 Credit: 1.0
 Prerequisite: two years of previous instruction or teacher recommendation
 Fee: none

The Symphonic Band is open to all students with a minimum of two years ensemble experience prior to the class. This performance-based ensemble will explore both concert literature and solo and ensemble music. Students must be available for after school rehearsals, public performances, OMEA district and state contests.

Music Technology

Grades 9-12
 Length: semester
 Credit: 0.5
 Prerequisite: none
 Fee: none

The 21st century has brought great advances in music production capabilities through the advent of computers. This course will introduce students to music production techniques using current computer music software and hardware. Music Technology class takes current computer offerings for music creation and brings them to students of all ability levels. Students will discover methods of writing music on computers, basic recording and sampling techniques, MIDI and electronic music methods



SCIENCES

3 CREDITS REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Principles of Science	1	9	none	\$10.00
General Physical Science	1	9-10	none	none
General Life Science	1	10-12	none	none
Biology	1	9-12	Principles of science	\$20.00
Chemistry	1	10-12	Principles of Science/Algebra I	\$10.00
AP Environmental Science	1	10-12	Biology & Algebra 1	\$30.00 + exam fee
AP Biology** (Double period)	1	11-12	Biology/Chem I/Teacher Rec.	\$40.00 + exam fee
Chemistry II	1	11-12	Chemistry I	\$40.00
Physics*	1	11-12	Principles of Science/ Algebra II/in a Math class	\$10.00
Ecology	.5	11-12	9th/10th science	\$10.00
Natural Resources	.5	11-12	9th/10th science	\$10.00
Cellular Molecular Biology*	.5	11-12	Biology	\$25.00
Body Systems*	.5	11-12	Cellular Molecular Biology	\$25.00

*4.5 grading scale

**5.0 grading scale

Principles of Science

Grades 9-12

Length: year

Credit: 1.0

Prerequisite: Algebra I or registering for Algebra I

Fee: yes

This course is designed to present and work with the fundamental concepts of earth and space science, chemistry and physics. Scientific investigation and problem solving will also be emphasized. This is a rigorous course intended to prepare four-year college-bound students for biology, chemistry, physics and other upper level science courses.



Biology

Grades 10-12

Length: year

Credit: 1.0

Prerequisite: Principles of Science

Fee: yes

This course is designed to present and work with fundamental ideas about living organisms. It introduces the student to the principles, concepts, and nature of the biological world we live in and the interrelationships on a wide variety of levels, including molecules, cells, systems, organisms, and ecosystems. Major emphasis is placed on structures, functions, and practical biochemistry. Classroom activities include lectures, homework, and labs.

Chemistry I

Grades 10-12

Length: year

Credit: 1.0

Prerequisite: Principles of Science

Fee: yes

This course is intended to introduce students to principles, concepts and methods of chemistry. The subject matter deals with the composition of materials and their reactions, introduction to the periodic table and elements, introduction to stoichiometry, acid-based reactions, and much more. Students will perform several laboratory experiments to reinforce all studied topics. This course is recommended for the four-year degree college-bound student.

AP Environmental Science

Grades 10-12

Length: year

Credit: 1.0

Prerequisite: Biology & Algebra 1

Fee: yes

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

AP Biology

Grades 11-12

Length: year

Credit: 1.0

Prerequisite: Biology & Chem. I

Fee: yes

AP Biology is an introductory college-level course and will require 2 periods a day. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes-energy and communication, genetics, information transfer, ecology and interactions. Students enrolled in this class will be required to take the AP exam. Cost of the exam will be covered by the Valley View School District.



Chemistry II

Grades 11-12

Length: 2 semesters

Credit 1.0

Prerequisite: Chemistry I and Algebra II

Fee: yes

This course continues further study of chemistry topics, along with solutions, equilibrium, thermodynamics, and oxidation-reduction. Organic chemistry is introduced. Students will be exposed to laboratory experiences similar to a first-year college course. This course is recommended for students who wish to enter health fields such as pre-medicine or any other biology or chemistry field.

Physics

Grades 11-12

Length: year

Credit: 1.0

Prerequisite: Principles of Science and Algebra II

Fee: yes

This course is designed for students who have a strong background in Algebra II and Geometry. The course introduces students to the principles, concepts, and operational methods of physics. Reading, problem solving, lectures, labs, and homework is emphasized. This course is recommended for students who wish to enter engineering and health fields in four-year colleges. **This course will be a 4.5 weighted class at the high school.**

General Physical Science/Science I

Grades 9-12

Length: year

Credit: 1.0

Prerequisite: none

Fee: none

This course provides an overview of selected topics in chemistry and physics. Emphasis will be placed on concepts as well as scientific investigation and problem solving. Major areas of study include: atomic structure, matter, and its properties as well as various principles of physics such as electricity, energy, light, magnetism, motion, and sound. Lessons will be based on the New Learning Standards for Physical Science. Those students who plan to take Biology and Chemistry should take Principles of Science rather than Science I during 9th Grade.

General Life Science

Grades 10-12

Length: year

Credit: 1.0

Prerequisite: none

Fee: none

This course provides an overview of selected topics in biology and earth science. Emphasis will be placed not only on concepts, but also on scientific investigation and problem solving. Major areas of study include: cell structure, genetics, microbiology, plants, animals, environmental science, astronomy, and earth science. Lessons will be based on the new learning standards of Biology. Students who plan to apply to a health-related or biological science-related Tech Prep program at MVCTC should not take the General Physical Science and General Life Science sequence.



Ecology

Grades 11-12

Length: semester

Credit: .5

Prerequisite: 9th/10th grade science

Fee: \$20.00

This course is designed to provide students a balanced approach to the diverse study of our environment. The goal of this class is to provide a hands-on science background needed to analyze the many issues concerning our environment, such as investigations into ecosystems, biodiversity of life, biome formation, and population effects on the environment. Field studies and lab activities reinforce the text information.

Natural Resources

Grades 11-12

Length: semester

Credit: .5

Prerequisite: 9th/10th science

Fee: \$20.00

This course is designed to provide students a balanced approach to the diverse study of our environment. The goal of this class is to provide a hands-on science background needed to analyze the many issues concerning our environment, such as waste disposal methods, air and water pollution, sources of energy and agriculture development. Field studies and lab activities reinforce the text information.

Cellular Molecular Biology

Grades 11-12

Length : semester

Credit: .5

Prerequisite: Biology

Fee: \$25

This is a semester course designed to investigate the inner workings of the human body. Emphasis will be placed on the metabolic processes that take place within a eukaryotic cell with emphasis placed on how these processes affect the human body. Various learning methods will be used such as; labs using Vernier laboratory equipment, subject specific dissections, selected readings, class discussions, investigative writing assignments, and homework. Students will be asked to apply great effort in gathering/retaining information, using comparative descriptions, the use of memory to identify structures, and explanation of function/processes associated with the human body. This class is recommended for students planning to enter the medical field or any discipline of Biology. It is also recommended that students complete this class before taking Anatomy and Physiology II: Body Systems. **This course will be on the 4.5 weighted scale.**



Body Systems

Grades 11-12

Length: semester

Credit: .5

Prerequisite: Cellular Molecular Biology

Fee: \$25

This is a semester course that is a continuation of Anatomy and Physiology I that is designed to investigate the structures and systems of the human body. Emphasis will be placed on how the structures of these systems are related to other systems of the human body, as well as how the organs and organ systems affect each other. Various learning methods will be used such as; labs using Vernier laboratory equipment, subject specific dissections, selected readings, class discussions, investigative writing assignments, and homework. Students will be asked to apply a diverse set of learning strategies to gather information, identify structures, and create explanations of function as well as processes associated with the human body. This class is recommended for students planning to enter the medical field or any discipline of Biology. **This course will be on the 4.5 weighted scale.**



SOCIAL STUDIES

3 CREDITS REQUIRED FOR GRADUATION

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
World History	1	9	none	none
World History Honors*	1	9	teacher recommendation	none
American History	1	10	none	none
American History Honors*	1	10	Teacher recommendation	none
AP U.S History**(requires summer assignments)	1	10-12	Honors American History/ Honors English 10/Teacher rec.	AP exam fee
American Government	1	11	none	none
AP Government**(requires summer assignments)	1	11-12	Honors English 10, 11/Teacher rec.	AP exam fee
CCP-online- Psychology**	1	11-12	Accuplacer	none
CCP-online-Sociology**	1	11-12	Accuplacer	none
European History	.5	10-12	none	none
International Relations & Current Affairs	.5	10-12	none	none

*4.5 grading scale

**5.0 grading scale

Note: Three (3) credits of Social Studies, including American History and Government, are required for graduation. Honors sections may be available in World History and American History.

World History

Grade 9

Length: year

Credit: 1.0

Prerequisite: none

Fee: none

This course will give students a background in global civilization as well as an appreciation for the contributions of other cultures. History will be emphasized along with concepts from the discipline of sociology, geography, political science, economics and civilizations. Civilizations will cover Cities, Well-organized central governments, Complex religions, Job specialization, Social classes, Arts and architecture, Public works and Writing.



American History

Grade 10
Length: year
Credit: 1.0
Prerequisite: none
Fee: none

This required course will explore the history of the United States from the Post Civil War Period to the current day. The main thrust of the course is to analyze problems that face America and society at-large after Reconstruction. The course is designed to complete the sequence of Ohio Department of Education American History standards started in middle school and assessed on students end of course exam

Honors American History

Grade 10
Length: year
Credit: 1.0
Prerequisite: teacher recommendation
Fee: none

This is an “honors” section of the U.S. History course that is currently offered by the High School that would also fulfill the U.S. History requirement for students. This course will follow the same standards and objectives as the other U.S. History currently offered to 10th graders but will have a greater focus on analytical writing and thinking. Students are expected to share a greater load of acquiring information as the course concentrates more on the use of acquired knowledge. This course also completes the sequence of Ohio Department of Education American History standards started in middle school and assessed on students end of course exam.

AP U.S. History

Grades 11-12
Length Year
Credit 1.0
Prerequisite Honors American History and Honors English 10 or 11
Fee: AP exam fee

AP United States History is a fast-paced course that takes students through over two hundred years of U.S. History. The course provides the students grounding in the subject matter of U. S. History, while learning to analyze and interpret the importance and relationship of many events in the nation’s history. Students will be expected to draw upon a background of factual knowledge in order to exercise analytical skills intelligently. Students are expected to take the Advanced Placement exam in May. Successful performance on this exam may qualify a student for college credit in United State History at many American universities. Students taking this course must be enrolled in an Enriched English class and should possess well-developed reading and writing skills, along with a strong ability to do quality research. Students are also encouraged to have a strong interest in social studies. Summer assignments required



American Government

Grade 11
Length: year
Credit: 1.0
Prerequisite: none
Fee: none

This required course will explore the history of the United States from the Post Civil War Period to the current day. The main thrust of the course is to analyze problems that face America and society at-large after Reconstruction. The course is designed to complete the sequence of Ohio Department of Education American History standards started in middle school and assessed on students end of course exam

AP Government and Politics

Grades 11-12
Length: year
Credit 1
Prerequisite: Honors World History/American History/English 10/11 Honors
Fee: AP exam fee

AP U.S. Government and Politics provides a college-level, nonpartisan introduction to key political concepts, ideas, institutions, policies, interactions, roles, and behaviors that characterize the constitutional system and political culture of the United States. Students will study U.S. foundational documents, Supreme Court decisions, and other texts and visuals to gain an understanding of the relationships and interactions among political institutions, processes, and behaviors. They will also engage in disciplinary practices that require them to read and interpret data, make comparisons and applications, and develop evidence-based arguments. In addition, they will complete a political science research or applied civics project. Summer assignments required.

CCP Psychology (Online)

Grades: 11-12
Length: semester
Credit: 1
Prerequisite: Test college ready
Fee: none

This is an ONLINE University-parallel course covering history and systems of psychology, behavioral research methods, psychology of behavior, sensation, perception, learning, memory, consciousness, cognition, personality, lifespan development, gender, social psychology, motivation, emotion, stress, mental disorders and therapies. Students will need to be accepted to CCP Sinclair and registered for PSY 1100. Students must score college ready on an approved college entrance exam.

CCP Introduction to Sociology (Online)

Grades 11-12
Length: semester
Credit: 1
Prerequisite: test college ready
Fee: none

This is an ONLINE University-parallel course. The course is a critical analysis of contemporary American society with review of major sociological theories, research methods, culture, socialization, groups, social structure, social institutions, deviance, social inequalities, social processes and social change. Students will need to be accepted to CCP Sinclair and register for SOC 1101. Students must score college ready on an approved college entrance exam.



International Relations and Current Affairs

Grades 10-12
Length: semester
Credit: .5
Prerequisite: none
Fee: none

Comparative Government and Politics uses a comparative approach, and geopolitics, to examine the political structures, policies, and political, economic, and social challenges of student selected countries. Students will also study the current affairs involving these parts of the world and their relations to the United States. Some topics include: Mexican Drug Cartels, Pirates, New Technologies, International Foods, and Russia's vision for World War II.

European History

Grades 10-12
Length: semester
Credit: .5
Prerequisite: none
Fee: none

Are you interested in the Vikings? Have you ever wanted to learn more about Pirates in school? Or what kinds of weapons and methods were used in medieval times? These are just some of the topics discussed in European History. The class studies history from 1400 to 1800's. Students will discuss topics from the Middle Ages through the Renaissance. Additional topics covered will include Dracula, William Wallace and the Famous Pirates of Europe Independence, the Knights Templar and the Crusades.



WORLD LANGUAGE

COURSE	CREDIT	LEVEL	PREREQUISITE	FEE
Spanish I	1	9-12	none	none
Spanish II	1	9-12	Spanish I	none
Spanish III	1	10-12	Spanish II	none
Spanish IV	1	11-12	Spanish III/CCP	none
CCP Spanish**	1	11-12	Spanish II	none

*4.5 grading scale

**5.0 grading scale

Note: It is recommended that students planning to attend a four-year college take a minimum of two years of world language.

Spanish I

Grades 9-12

Length: year

Credit: 1.0

Prerequisite: none

Fee: none

Spanish I introduces the student to the Hispanic culture, geography, and language. The course emphasizes contextual vocabulary and grammar study, which students practice by hearing, speaking, reading, and writing Spanish. Studying Spanish is excellent preparation for college and employment as it provides students with an enriched vocabulary background, sensitivity to diverse cultures, and a bilingual competence that is increasingly needed in our nation. It is recommended that students have at least a “C” average in this class to advance to the next level.

Spanish II

Grades 9-12

Length: year

Credit: 1.0

Prerequisite: Spanish I

Fee: none

After a thorough review of first year material, Spanish II adds a vocabulary and grammar base that students use to develop higher levels of communicative proficiency in written and spoken Spanish. It is recommended that students have at least a “B” average in this class to advance to the next level.



Spanish III

Grades 10-12
Length: year
Credit: 1.0
Prerequisite: Spanish II
Fee: none

Spanish III will expand the student's knowledge of Spanish vocabulary, grammar, application, and culture. Students will experience a variety of Spanish materials and they will be encouraged to increase their spontaneous speaking skills. This class is recommended for students who received at least a B average in Spanish II and are motivated to work with little supervision.

Spanish IV

Grade 12
Length: year
Credit: 1.0
Prerequisite: CCP Spanish
Fee: none

Emphasis will be placed on written and spoken communication. This class is recommended for the highly motivated student who received at least a B average in Spanish III and desires to pursue an even more independent study of the Spanish language and culture.

Spanish CCP

Grades 11-12
Length: 2 semesters
Credit: 2
Prerequisite: 8 college credits; Spanish II
Fee: none

This is an ONLINE University-parallel course covering history and systems of psychology, behavioral research methods, psychology of behavior, sensation, perception, learning, memory, consciousness, cognition, personality, lifespan development, gender, social psychology, motivation, emotion, stress, mental disorders and therapies. Students will need to be accepted to CCP Sinclair and registered for PSY 1100. Students must score college ready on an approved college entrance exam.