# **VERMILION HIGH SCHOOL**



**Course Guide 2025 - 2026** 

Revised 1/16/25

#### **Board of Education Members**

Mr. Chris Habermehl Mrs. Shelly Innes Mr. Mark Benson Mrs. Krystal Russell Mrs. Sara Stepp

# **Board of Education** (440) 204-1700

Dr. David Hile, Superintendent Mr. Wes Weaver, Assistant Superintendent Mrs. Karen Blackburn, Director of Pupil Services Mr. Justin Klingshirn, Treasurer

# Vermilion High School (440) 204-1701

Mrs. Jennifer Bengele, Principal
Mr. Jay Lukasko, Assistant Principal
Ms. Heather Lamers, Assistant Principal / Workforce Development Director
Mr. Andrew Stillman, Athletic Director

School Counselors (440) 204-1701 ext. 306

Mrs. Jordan Fahr Mrs. Cara Habermehl Mrs. Allison Scullin

#### Non-Discrimination Statement (Title IX)

All of the courses, programs, and activities presented in this handbook are open to all students regardless of sex, provided that the students have met all established requirements. This policy meets all requirements and directions of the U.S. Department of Education under Title IX of the Education Amendments of 1972 as contained in Section 86 of the Federal Register, P. 24128

# **Table of Contents**

INTRODUCTION	4
POLICIES & PLANNING  How to Plan Your High School Experience Schedule Changes	<b>5</b> 5 5
Vermilion Board of Education Graduation Requirements State of Ohio Graduation Requirements Early Graduation	6 7 9
Transfer Students Military Enlistment	9 9
Ohio Honors Diploma Options Course Recommendations for College Bound Students	10 13
Grading Policy	13
Weighted Grading Policy Academic Eligibility for Student Athletes	14 14
NCAA Eligibility for Student Athletes	15
STANDARDIZED TESTING GUIDE	16
<u>AWARDS</u>	18
SPECIAL PROGRAMS  Honors and Advanced Placement (AP) Courses	<b>19</b> 19
College Credit Plus (CCP)	19
Set Sail Program	19
Career Tech Education in Agriculture	20
Credit Flexibility Credit Recovery	20 20
Senior Sign-Out	20
Career-Based Intervention (CBI)	20
EHOVE Career Center	21
EHOVE CAREER TECH PROGRAMS	21
ACTIVITIES AND ATHLETICS	22
PATHWAYS (Enrollment, Enlistment, Employment)	23
COURSE DESCRIPTIONS	26
Career Tech in Agriculture Business & Career Development	26 26
English	20 27
Fine Arts	30
Health and Physical Education	34
Mathematics	34
Science Social Studios	37
Social Studies STEM	40 44
World Language	45
GRADE 8 CURRICULUM	47
GRADE 8 COURSE DESCRIPTIONS	47
CCP INFORMATION FOR 2025-2026	52

### Introduction

The Program of Studies is published and prepared by the high school administrators, counselors, and teachers.

The purpose of the Program of Studies is to inform students about course requirements needed to successfully meet the graduation requirements of the Vermilion Board of Education. During the period of course selection, teachers and counselors, working together with parents and students, will help to develop the best academic schedule possible for each student attending Vermilion High School.

The Program of Studies lists courses available to our students at Vermilion High as well as additional education options through EHOVE, Workforce Development, Credit Flexibility, and College Credit Plus (CCP). In each course, the student will earn a letter grade. The earned credit and grades are combined mathematically to determine the student's grade point average. Each grade carries a weight value. In Advanced Placement courses and College Credit Plus courses, the weight value may be greater.

Students earn credit toward graduation at Vermilion High School for each course passed. The school keeps a record of this credit. A personal record of courses passed should also be kept and used as a part of the student's overall high school plan.

As part of the procedure, students must pay attention to the following:

- Some courses have more CREDIT than others.
- Some courses are REQUIRED A student must take and pass them.
- Some courses are ELECTIVE A student may choose to take them.
- Every freshman, sophomore, and junior is required to be enrolled in all four (4) core classes.
- The MINIMUM LOAD for seniors is five (5) courses per semester if you are on track for graduation. Seniors will be encouraged to take math and English every year. The MINIMUM LOAD for freshmen, sophomores and juniors is six (6) courses per semester to be on track for graduation.

# **Policies & Planning**

#### HOW TO PLAN YOUR HIGH SCHOOL EXPERIENCE

Students are encouraged to carefully create a plan that will assist them in reaching their educational career goals. It is suggested that students do the following:

- review all the curricular requirements for graduation,
- know and understand the recommended college preparatory curriculum,
- student athletes should pay close attention to the list of NCAA approved courses, and
- consider the curricular and other requirements for the Honors Diploma(s) and any other special recognition.

#### **SCHEDULE CHANGES**

Students and parents are urged to plan carefully as schedules are finalized at the end of the school year and will likely **not** be changed. VHS is a small school and as such, the variety and number of courses is determined by student interest and registration and set in the master schedule. Every attempt will be made to provide requested courses, however, course enrollment cannot be guaranteed. Students are required to take a minimum number of courses each year. This "minimum course load" includes both required courses and elective courses.

After May 30, 2025, changes will only occur when:

- there is a technical error in the scheduling process,
- there is a summer school attendance,
- there is a scheduling conflict,
- course failure has occurred, and/or
- administration has determined the necessity of the change.

Please note: Any course withdrawn for reasons other than stated above may result in a withdrawal failure in the course on a student transcript.

# Vermilion Board of Education Graduation Requirements

The Vermilion Board of Education shall award a high school diploma to every student enrolled in the District who meets the requirements of graduation established by the Board of Education and the Ohio Department of Education or who properly completes the goals and objectives specified in his/her/their individualized education plan (IEP).

Graduation Requirements: The Vermilion Board of Education requires all students to earn twenty-two (22) credits for graduation. In addition, students must meet the Ohio Department of Education's assessment requirements applicable to their graduation year. Students must take at least six (6) credits their freshman, sophomore, and junior years, and a minimum of five (5) credits their senior year.

Subject	Credit for Graduation	
English	4 (English I, English II, English III, English IV)	
Social Studies	<b>3</b> (World History, U.S. History, Government/Economics)	
Mathematics	4 (Algebra I, Geometry, Algebra II, Quantitative Reasoning, Statistics)	
Science	3 (Physical Science, Biology, Chemistry, Forensics, Physics)	
Health	0.5	
*Physical Education	0.5	
Financial Literacy	0.5 (required for Class of 2025 & beyond)	
Fine Arts	1	
**Electives	5.5	
Total Credits	22	

<sup>\*</sup>Students who complete two (2) seasons of district-sponsored and approved interscholastic athletics, marching band (including majorettes and flag line) or cheerleading in grades 9-12 have the option of waiving the physical education requirement for graduation. Physical Education waiver forms are available in the School Counseling Office. Physical Education waiver forms are due two (2) weeks after the completion of the season and should be submitted to the Athletic Director.

If a student has not completed the ½ credit Physical Education requirement or has not turned in the waiver forms by his/her senior year, he/she will be scheduled into Physical Education classes. Students will not receive credit for these activities or the PE classes that are waived.

If a student is injured during the course of a season, he/she is still expected to attend practices, meetings, and games that are not limited by the medical illness or injury throughout the remainder of that season to qualify for the Physical Education waiver. Failure to meet this requirement will nullify the potential for a Physical Education waiver. A student who quits or is dismissed from the team is ineligible to earn the Physical Education waiver for the season in question. This includes dismissal for violating team, athletic department, or school rules. Any student who is academically ineligible for the sport or activity is not permitted to apply for a Physical Education waiver.

Students must waive both required Physical Education classes to meet the ½ credit of Physical Education for graduation. Two (2) waiver forms must be submitted.

\*\*Elective units must include one of any combination of foreign language, fine arts, career technical education, technology, language arts, mathematics, science, or social studies courses not otherwise specified. Students following a career-technical pathway may be exempted from the fine arts requirement.

#### A NOTE TO PARENTS AND STUDENTS REGARDING GRADUATION REQUIREMENTS:

It is the responsibility of the student and parent to see that the requirements for graduation are met. The high school will keep up-to-date records and make every effort to keep students and parents informed about the status of progress toward compiling the necessary coursework for graduation requirements.

# State of Ohio Graduation Requirements

#### OHIO GRADUATION REQUIREMENTS (See Diagram on Page 8)

Students need to meet State graduation requirements in addition to Vermilion High School graduation requirements. There are 3 components to earning an Ohio diploma as shown on the diagram on the next page. Students must (1) earn 22 course credits, (2) earn competency scores on both the Algebra I and English Language Arts II end-of-course Ohio tests, and (3) earn at least 2 graduation seals.

- (1) A student must earn **22 credits** by taking coursework, no exceptions.
- (2) A student must score a competency score of 684 on both the Algebra I and ELA II Ohio End-of-Course States tests. Students are able to take these tests multiple times to achieve the competency score. However, if the competency score of 684 is not reached, the student must take College Credit Plus (CCP) classes, complete two career-focused activities (EHOVE), or enlist in the military to graduate.
- (3) A student must earn at least **2 graduation seals** on their diploma. One or more of these seals must be issued from the state of Ohio. These seals include the OhioMeansJobs Readiness Seal (Ohio), the Industry-Recognized Credential Seal (Ohio), the College-Ready Seal (Ohio), the Military Enlistment Seal (Ohio), the Citizenship Seal (Ohio), the Science Seal (Ohio), the Honors Diploma Seal (Ohio), the Seal of Biliteracy (Ohio), the Technology Seal (Ohio), the Community Service Seal (local), the Fine & Performing Arts Seal (local), and the Student Engagement Seal (local). More information about how to earn graduation seals can be found at <a href="https://www.unlockyourfuture.org/">https://www.unlockyourfuture.org/</a>.

### Ohio & Vermilion High School Graduation Requirements Class of 2023 & Beyond

# **FIRST**

### Cover the Basics

✓ Earn 22 Credits





4 credits Mathematics

4 credits English





3 credits Social Studies

3 credits Science





.5 credit Health & .5 credit P.E.

1 credit Fine Art





5.5 credits .5 credit Financial Literacy Elective Credits

Must total 22 credits by graduation

# **SECOND**

### Show Competency

Demonstrate Competency

> Ohio State Tests scores ELA II 684 Algebra I 684







\*WebXam Score 3+ in pathway \*State-issued license w/ exam

\*Work Keys Score- 14+ \*250 hrs WBL

\*Pre-apprenticeship /apprenticeship program

**2 Career Focused Activities** 



Military Enlistment

## **THIRD**

### Show Readiness

Earn 2 Seals At least 1 seal must be a state seal





State



State







State

















Local

#### **EARLY GRADUATION**

Notification for early graduation will be submitted to the high school principal in accordance with board policy. The principal may honor this request if all conditions for graduation are met and the student fulfills the graduation requirements. Regardless of actual date of graduation, each student must meet the Ohio graduation requirements based on his/her freshman year of entry into high school. Notification must be in writing and include a school counselor endorsement and transcript review. The deadline for consideration for early graduation is **October 31st** of the academic year the student wishes to graduate. A student electing to graduate early will receive a diploma in May of their graduation year.

#### TRANSFER STUDENTS

Students who transfer into Vermilion High School are given the opportunity to be rated equally with students who have been in attendance throughout their high school career. Grade placement of new students depends upon review of academic records by the school counselors and administration. Transfer students will receive the add-on value *only* in those courses determined by VHS add-on policy when compiling students' GPA and class rank. Transfer students' grades and credits from his/her previous high school transcripts will be recognized; however, such students will have not have established class rank for purposes of graduation honors, such as valedictorian, etc, until they have completed four (4) semesters at Vermilion High School.



#### **MILITARY ENLISTMENT**

The United States Military is made up of 5 branches, each with their own active-duty and part-time components. These include the Air Force, the Army, the Marine Corps, the Coast Guard, and the Navy. Each varies in service commitment, location and how its members contribute to the overall mission of protecting our country, though all components are on the same rank-based pay scale. Below are a few different ways that high school graduates can take part in the military. Please discuss these options with your school counselor if you are interested in a career in the military. More information can be found at <a href="https://www.usa.gov/join-military">https://www.usa.gov/join-military</a>.

#### **Active Duty**

The student would begin this process by speaking with a recruiter. Following that, a physical and vocational aptitude test would be given to determine if the student qualifies for the military and the best suited career type while in the military. Typical time commitment is 4-5 years. Students enlisted in the military are usually not attending college after high school but do receive educational benefits that they can use after their time in the military or even possibly during their enlistment.

#### **ROTC**

Reserve Officers' Training Corps (ROTC) is a college program that trains students to become officers in the military. There are college scholarships associated with the ROTC programs. The most common ROTC scholarship allows a student to participate in the ROTC program for the first two years of college without a monetary incentive and then have the option to enroll in the ROTC Advanced Course. If the student chooses to enroll in the ROTC Advanced Course, they are obligated to serve time with the military. There are also four-year ROTC scholarships, which also require the student to serve in the military after graduating from college.

#### **Military Academy**

A military academy is a four-year college. Students attending one of these schools receive a full four-year scholarship that is valued at more than \$350,000 (tuition, room and board, medical and dental care and a monthly salary). Students are required to fulfill an obligation to the military upon graduation. The admissions process for military academies is quite extensive. Students interested in this option need to begin researching the application process in the sophomore year of high school. Selection at the military academies is based on scholastic achievements, involvement in school and community activities, leadership achievements and athletic achievements. Students are also required to obtain a congressional or presidential/military nomination to be considered.

# **Ohio Honors Diploma Options**

To earn one of the following diploma options, students must complete all but one of the criteria listed for each honors diploma described unless otherwise stated. In order to meet the field experience requirements the student must be enrolled in set sail their senior year.

#### **ACADEMIC HONORS DIPLOMA**



Requirements	State Minimum	
<b>1</b> Math	Fourth math must be > Algebra 2	
<b>2</b> Science	One additional unit Advanced Science	
<b>3</b> Social Studies	One additional unit Social Studies	
4 World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	
<b>5</b> GPA	3.5 on a 4.0 scale	
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher	
<b>7</b> Seal Requirement	Earn two additional diploma seals, not including Honors Diploma Seal	
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal*, or Work-Based Learning	

#### **CAREER-TECH HONORS DIPLOMA (EHOVE students only)**



CAREER-TECH HONORS DIPLOMA (EHOVE students only)		
Requirements	State Minimum	
1 Math	Fourth math must be > Algebra 2	
<b>2</b> Career-Tech Coursework	Four units of Career-Tech Courses	
<b>3</b> Career-Tech Proficiency	Earned a cumulative score of proficient or higher on the technical assessments aligned to their program	
4 World Languages	Two units of one world language	
<b>5</b> GPA	3.5 on a 4.0 scale	
<b>6</b> ACT/SAT/Workkeys	ACT: Score of 27 or higher, SAT: Score of 1280 or higher Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.	
<b>7</b> Industry-Recognized Seal or Technology Seal	Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal	
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning	





Requirements	State Minimum	
1 Math	Fourth math must be > Algebra 2	
2 Science	One additional unit Advanced Science	
<b>3</b> Electives	Two units of additional STEM Courses as electives	
<b>4</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	
<b>5</b> GPA	3.5 on a 4.0 scale	
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher	
<b>7</b> Industry-Recognized Credential Seal or Technology Seal	Meet requirements to earn the Industry-Recognized Credential Seal or Technology Seal	
8 Experiential Learning	Field Experience, OhioMeansJobs Readiness Seal, Portfolio or Work-Based Learning	

# Report United States

#### **ARTS HONORS DIPLOMA**

Requirements	State Minimum
1 Math	Fourth math must be > Algebra 2
<b>2</b> Fine Arts	Four units
3 Electives	Two units of Fine Arts (may overlap with general four units)
<b>4</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied
<b>5</b> GPA	3.5 on a 4.0 scale
6 ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher
<b>7</b> Fine Arts Seal	Meet local district requirements to earn the Fine Arts Seal
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning





Requirements	State Minimum	
1 Math	Fourth math must be > Algebra 2	
2 Social Studies	Two additional units of Social Studies	
<b>3</b> World Languages	Three sequential units of one world language, or no less than 2 sequential units of two world languages studied	
<b>4</b> GPA	3.5 on a 4.0 scale	
<b>5</b> ACT/SAT	ACT: Score of 27 or higher, SAT: Score of 1280 or higher	
<b>6</b> Community Service Seal	Meet local district requirements to earn the Community Service Seal	
<b>7</b> Citizenship Seal	Meet the requirements to earn the Citizenship Seal	
8 Experiential Learning	Field Experience & Portfolio, OhioMeansJobs Readiness Seal, or Work-Based Learning	

#### COURSE RECOMMENDATIONS FOR COLLEGE BOUND STUDENTS

Students who plan to attend college are advised to take courses which will prepare them for the college experience. It should be noted that the minimum requirements for the high school diploma do not necessarily meet the entrance requirements for post high school education. The following are the Ohio Board of Regents' recommendations for a college preparatory program:

- **4 CREDITS OF LANGUAGE ARTS**
- **4 CREDITS OF MATHEMATICS**
- **3 CREDITS OF SCIENCE**
- **3 CREDITS OF SOCIAL STUDIES**
- **2 CREDITS WORLD LANGUAGES\***
- 1 CREDIT OF FINE ARTS\*\*
- \* WORLD LANGUAGES: Must be in same language; some universities prefer 3 years of the same language.
- \*\*FINE ARTS: All drama, choir, instrumental, and visual arts courses count as fine arts credit.

As requirements vary from university to university, students are strongly encouraged to check the latest policies regarding course requirements with each university or college admissions office.

#### **GRADING POLICY**

The following reporting code and quality point scale is used to determine grade point averages and serves as criteria for course averaging when grades are used. The Vermilion High School staff will observe the following marking system for grades 8 through 12. The grade earned in each course will be calculated per quarter. Semester grades will appear on the transcript and calculated into the student's cumulative GPA. Half credits will be issued on transcripts for all successfully completed courses. Exceptions include Physical Education and Marching Band Auxiliary, which are one-quarter credits. Grades are calculated on a 4.33 scale and carry the numerical values listed below.

Letter Grade	Percentage	Point Value
A+	99 – 100	4.33
А	93 – 98	4.00
A-	90 – 92	3.67
B+	87 – 89	3.33
В	83 – 86	3.00
B-	80 – 82	2.67
C+	77 – 79	2.33
С	73 – 76	2.00
C-	70 – 72	1.67
D+	67 – 69	1.33
D	63 – 66	1.00
D-	60 – 62	0.67
F	Below 60	0.00
Р	Pass	0.00
I	Incomplete	0.00
W	Withdrawn	0.00

Teachers may assign a plus (+) or a minus (-) to a letter grade to indicate the level of achievement.

#### **WEIGHTED GRADING**

The add-on factor will be 0.5 quality points to final grades of C- or better (70% or higher). A student's transcript will include his or her GPA both with the weighted scale, using the add-on value, and the 4.0 grading scale. The weighted grading and the add-on factor will not be retroactive.

WEIGHTED COURSES			
ENGLISH	Honors English I Honors English II CCP College Composition I & II CCP Introduction to Fiction CCP Introduction to Poetry AP English Literature AP English Language and Composition		
MATH	Honors Algebra I Honors Geometry Honors Algebra II Pre-Calculus CCP College Algebra CCP Trigonometry/Precalculus CCP/AP Calculus CCP Statistics		
SCIENCE	Honors Physical Science Honors Biology Honors Chemistry Physics CCP General Biology CCP Intro to Ecology		
SOCIAL STUDIES	Honors Social Studies I Honors Social Studies II Honors Social Studies III CCP US History I & II CCP Psychology		
WORLD LANGUAGES	French IV		

#### **ACADEMIC ELIGIBILITY FOR STUDENT ATHLETES**

Vermilion High School extracurricular participants must follow the OHSAA Guidelines for Student Athletic Eligibility. In addition, our students must maintain a minimum of a 1.5 GPA with no more than one (1) F in the preceding nine-week grading period.

- 8th grade students must receive passing grades in a minimum of five (5) subjects that receive a grade in the preceding nine (9) weeks.
- 9th 12th grade students must receive passing grades in a minimum of five (5) one-credit courses, or the equivalent, in the preceding nine (9) weeks.

Summer school grades may not be used to substitute for failing grades received or lack of courses taken in the final grading period.

#### NCAA ELIGIBILITY FOR STUDENT ATHLETES

As NCAA eligibility requirements are subject to change, it is imperative that student-athletes (especially juniors and seniors and/or parents) meet with the respective counselor **immediately** at the start of the year to acquire and review a copy of the "NCAA Initial-Eligibility/ Clearinghouse" (or current publication). Based upon this review it may be necessary to initiate immediate schedule changes in order to satisfactorily meet or exceed the NCAA requirements for coursework, GPA, and / or standardized test scores.

#### NCAA APPROVED COURSES

#### **ENGLISH**

AP Language and Composition

AP English Literature

CCP College Composition I

CCP College Composition II

English II

English III

Honors English II

Honors English III

Honors English III

English IV

CCP Intro to Fiction

CCP intro to Poetry

#### **SOCIAL STUDIES**

AP Government Psychology I Social Studies III
AP Psychology Psychology II Honors Social Studies I
CCP US History I Social Studies II
CCP US History II Social Studies I Honors Social Studies III
Modern Global Studies Social Studies II

#### **MATHEMATICS**

Algebra I Calculus Geometry
Algebra II CCP College Algebra Honors Geometry Statistics

CCP Trigger protein.

CCP Trigonometry Integrated Math IIICCP Statistics

Pre-Calculus Quantitative Reasoning

#### **SCIENCE**

Physical Science Biology AP Physics Honors Physical Science Honors Biology Astronomy

CCP General Biology Chemistry Forensic Investigations
CCP Intro to Ecology Honors Chemistry Forensics and the Law
Environmental Science

#### **ADDITIONAL CORE COURSES**

French I Spanish I Spanish II French III Spanish III French IV Spanish IV

# **Standardized Testing Guide**



#### OHIO END-OF-COURSE STATE TESTS



The Ohio end-of-course State tests are a required graduation component involving the core disciplines. The table below shows the grade level students will typically take each exam. Every student needs to earn a competency score of at least 684 on both the Algebra I and English II end-of-course tests for a diploma. A proficient score of 700 or higher on the Biology and/or US History and Government end-of-course tests will result in the student earning one or more State seals, another Ohio graduation requirement.

Grade 9	Grade 10	Grade 11
Algebra I*	English II* Geometry Biology US History	US Government

<sup>\*</sup>Proficient score of 684 required for graduation.

#### **ACCUPLACER ASSESSMENT**

The Accuplacer is a computerized placement assessment, often used to determine student placement in College Credit Plus (CCP) courses. Academic advisors and counselors at your college or technical school use your ACCUPLACER test results to help place you in classes that match your skill level. ACCUPLACER tests help identify your knowledge, strength, and needs in math, reading, and writing. Along with information about your academic background, goals, and interests, your ACCUPLACER results help you choose college courses that match your skill level and give you the best opportunities for success.



#### **ASVAB TEST**

The Armed Services Vocational Aptitude Battery is the most widely used multiple-aptitude test battery in the world. As an aptitude test, the ASVAB measures your strengths, weaknesses, and potential for future success. The ASVAB also provides you with career information for various occupations and is an indicator for success in future endeavors whether you choose to go to college, vocational school, or a military career.

#### **PSAT TEST**

The Preliminary SAT / National Merit Scholarship Qualifying Test (PSAT/NMSQT) is a standardized test that provides first-hand practice for the SAT®. It provides access to college and career planning tools. The PSAT measures critical reading skills, math problem-solving skills, and writing skills. This test will offer feedback on academic strengths and weaknesses on skills necessary for college study.



#### **ACT TEST**

The ACT® Assessment is a widely accepted college admissions test that assesses high school students' general educational development and their ability to complete college-level work. The multiple-choice tests cover four skill areas: English, math, reading, and science. The ACT composite score is on a scale of 1 – 36 for all four sections. The writing test, which is optional, measures skill in planning and writing a short essay. Check each prospective college's requirements to see if you must take the ACT Writing test. A number of factors affect the decision about when to take the ACT test. Testing in the spring of the

junior year gives time to take the test a second time. **All Vermilion High School juniors will be given the test for free one time at school.** Visit the ACT website at <a href="https://www.actstudent.org">www.actstudent.org</a> for more information.



#### SAT REASONING TEST

The SAT Reasoning Test<sup>®</sup> is typically taken by high school juniors and seniors. It tells students how well they use the skills and knowledge they have attained in and outside of the classroom including how they think, solve problems, and communicate. Each section of the SAT is scored on a scale of 200-800, with two writing subscores for multiple-choice questions and the essay. It is administered seven times a year. Visit the website at <a href="https://www.collegeboard.com">www.collegeboard.com</a> for more information.

#### **SAT SUBJECT TESTS**

SAT Subject Tests cover core subjects in English, history, mathematics, the sciences, and languages. The tests are one-hour, primarily multiple-choice, curriculum-based assessments of knowledge and skills in particular subject areas. Students can learn about which colleges require or recommend Subject Tests on individual college websites. Universities can use Subject Test scores to help determine how well prepared you are for different college programs, placement in first-year college or higher-level courses, and academic advising for course selection. Visit the website at <a href="https://www.collegeboard.com">www.collegeboard.com</a> for more information.

### **Awards**

#### ACADEMIC HALL OF FAME

Students who meet all the following academic requirements will be inducted into the Vermilion High School Academic Hall of Fame:

- Cumulative GPA or 4.15 or higher on the weighted scale
- ACT composite score of 27 or higher or SAT CR+M score of 1220 or higher
- At least four full-year courses designated Advanced Placement (AP) or College Credit Plus (CCP)

#### **REPORT CARD HONORS**

Merit Roll - students earning 3.0 to 3.49 grade point average\* Honor Roll - students earning 3.5 to 4.33 grade point average\*

\*A student is ineligible for a semester's Merit/Honor Roll if the student earns a D, F, or I in any subject.

#### **VALEDICTORIAN AND SALUTATORIAN**

Students must be enrolled in Vermilion High School for four (4) semesters during his/her junior and senior years to be eligible for recognition as valedictorian and salutatorian at graduation.

In the event of a tie, the student(s) who are considered first in the class will receive a class rank of 1, while the student(s) considered second in the class will receive the cardinal value as it pertains to the number of students ahead of the individual in the class. For example, if four (4) students tie for first place, each will be ranked as first in the class. The next individual will be ranked fifth in the class.

#### **TOP TEN**

A student's class ranking will be determined by grade point average after the completion of eight (8) semesters of high school. The top ten will be recognized at commencement.

#### **OUTSTANDING DEPARTMENT STUDENTS of the Year**

The faculty in each department will select two (2) students each semester per grade level as outstanding department students. Students may be selected based on achievement, improvement, and/or attitude.

#### **ACADEMIC VARSITY LETTERS AND PINS**

Beginning the 2024-2025 school year students in grades 9-12 who achieve a grade point average of 3.5 or above for both semesters in an academic year at Vermilion High School qualify to receive an academic letter. Pins to add to the letter are awarded for the second and third times the student qualifies.

# **Special Programs**

#### HONORS AND ADVANCED PLACEMENT (AP) COURSES

An Honors and/or Advanced Placement student is academically talented, disciplined, highly motivated, and willing to accept the challenges of these courses. A student must successfully complete the prerequisites for the course and maintain a high level of performance. An honors and/or Advanced Placement student must accept additional responsibilities and commitment. Weighted grades are given to AP courses to compensate for high expectations: **The AP courses are designed to be the equivalent of a first year college course. As such, the curriculum and expectations are of a high level. Among the Vermilion expectations for AP is participation by all students in the national AP exams administered in May.** The cost for each AP test is paid by the student or student's family. Exams are given in May on predetermined dates established by the College Board.

Students and parents should be very sensitive to the demanding nature of honors and/or Advanced Placement courses. Reading expectations for the classes are extensive. Students will be asked to be involved in college level activities, particularly in the areas of writing skills and test taking. Advanced Placement courses place a high degree of emphasis on the student's own self-motivation, study skills, and the ability to self-direct his or her own learning. Students should carefully determine the number of honors and/or Advanced Placement courses they are capable of successfully completing in a year's schedule. Most Advanced Placement courses have required graded summer work.

#### **COLLEGE CREDIT PLUS (CCP)**

A student enrolled at Vermilion High School may be eligible to participate in the College Credit Plus Program. This is an opportunity for students to take classes at eligible post-secondary institutions. The institutions include community colleges, post-secondary vocational technical institutions, state universities, and select private colleges and universities. Some College Credit Plus courses may be offered by Lorain County Community College and Bowling Green State University on our Vermilion High School campus. All eligibility requirements for College Credit Plus apply to on-site courses as well. The purpose of this program is to promote rigorous academic pursuits and to provide a wider variety of options to high school students. Students interested in this program must meet Vermilion High School graduation requirements plus any enrollment requirements the post-secondary institutions may have. The legislation for this program requires parents and students receive counseling regarding the program from the post-secondary site and that a letter of intent for the 2025-2026 school year be submitted to the School Counseling Office no later than **April 1, 2025.** 

Students accepted into the CCP (College Credit Plus) program must complete the college placement test and work with a college advisor regarding course placement.



#### **SET SAIL**

PREREQUISITE: SCHOOL COUNSELOR &/OR ADMINISTRATOR RECOMMENDATION

Set Sail is self-guided that will provide the field experience and/or portfolio requirements to earn one of the 5 honors diplomas. As you plan for senior year, you may wish to work on an independent project to solidify the academic knowledge and other educational experiences that you have acquired during your time at Vermilion High School. Applications must be turned in by May 29, 2025.

#### CAREER TECH IN AGRICULTURE AND ENVIRONMENTAL SYSTEMS

Students interested in the Ag program have the opportunity to pursue this career-tech program as an alternative graduation pathway. The program will require students to complete at least 2 Ag classes, pass the associated WebXam tests in each class, be a member of our FFA chapter, and participate in an independent project totaling 250+ hours.

#### **CREDIT FLEXIBILITY**

This education option gives students a way to be in charge of their learning. The key to this option is that the student drives the request to learn differently as well as the plan to earn the credit. The student and family talks with the principal, counselor and teachers about the way to fulfill the student's request and to meet the requirements for earning a high school credit or credits. Students may select from many different options such as distance learning, online coursework, tutorial programs, independent study, educational travel, project portfolios, and mentorship/internship. The credit flexibility committee approves the plan, which includes instructional and performance objectives, description of criteria and methods for assessing student performance, and an outline of specific instructional activities, material and learning environments. Credit flexibility application forms should be directed to the high school administration by May 30 for Semester 1 of the previous school year, June 1 for credit earned over the summer, December 30 for Semester 2. Applications can be found in the counseling office.

#### **CREDIT RECOVERY**

To earn a diploma, students are required to successfully complete 22 credits of coursework as outlined on page 6 of this course guide. Necessary courses not completed by the end of a grading period will be retaken by the student in summer school or face-to-face with a certified teacher the following school year.

#### **SENIOR SIGN-OUT**

Senior sign-out is a program of privilege for students that are in good standing both academically and behaviorally. Seniors may elect to be off-campus up to two (2) periods a day with a signed authorization form by a parent. This privilege may be lost if the student fails to follow the school rules and release guidelines as listed on the application. A copy of the program's authorization form is available in the main office and must be signed by the parent(s)/guardian(s) and student and returned to the main office prior to signing out. Signing out without the privilege is off-schedule and may result in school disciplinary consequences and the accumulation of unexcused absences.



#### **WORK-BASED LEARNING**

Work-Based Learning is an application-based program that helps students explore their future career path while earning credit toward graduation. Students will learn employability skills such as how to search online for a job, how to complete an online application, and techniques for successful interviewing. Also covered in this course is information on career sectors, occupational information, career education, consumer education, and instruction in soft skills. Students may earn an Ohio graduation seal through the Ohio Means Jobs Readiness Seal. Students will be required to acquire and sustain employment.



#### **EHOVE CAREER CENTER**

EHOVE Career Center is located in Milan, Ohio and offers opportunities for students wishing to get a head start toward a career by offering Career Tech skills and a number of industry-recognized certifications. Students typically apply to EHOVE starting in November of their sophomore year. Enrollment is competitive and limited and students that commit to EHOVE are required to attend for the first two (2) weeks before deciding to return to Vermilion High School. Selection is based on cumulative GPA, attendance, grades, high school credits earned, and disciplinary record. A student will receive a Vermilion High School diploma upon successful completion of the two years at EHOVE. Interested

students should check with their school counselor about the various course offerings at EHOVE, application procedures, and credit needed.

To avoid credit deficiency, a student should have completed the following required courses in the 9th and 10th grades prior to EHOVE registration: (MINIMUM)

- **2 CREDITS OF ENGLISH**
- **2 CREDIT OF MATHEMATICS**
- **2 CREDITS OF SCIENCE**
- **2 CREDITS OF SOCIAL STUDIES**
- 1/2 CREDIT OF HEALTH
- 1/2 CREDIT OF PHYSICAL EDUCATION
- 9 TOTAL CREDITS



# **EHOVE Career Tech Programs**

(Click on the green links below to find out more about each program listed.)

Through an EHOVE program of study, a student may earn the Industry-Recognized Credential Seal on their diploma with completion of a 12-point approved industry-recognized credential or group of credentials totaling 12 points in a single career field.

ART & TECHNOLOGY	PUBLIC SAFETY
Computer & Networking Technologies	Criminal Justice
Cybersecurity	Firefighter/EMT
Visual & Interactive Media	TRANSPORTATION SYSTEMS
BUSINESS	Auto Tech
Business & Marketing	Collision & Refinishing
Job Connections	<u>Diesel Tech</u>
EDUCATION & SERVICES	SOPHOMORE PROGRAMS
Cosmetology	Career Exploration
Culinary Arts	Explore STEM
<b>Education &amp; Family Careers</b>	SKILLED TRADES
Food Service Operations	Construction Tech
EMPLOYABILITY	Electrical Tech
Career Based Intervention	HVAC Tech
Fast Forward	Manufacturing Design & Robotics
HEALTH SCIENCE	Welding & Fabrication
Exercise Science & Rehab Therapy	
Medical Careers	

EHOVE Programs Updated 1/6/25 from <a href="https://www.ehove.net/o/high-school/page/programs">https://www.ehove.net/o/high-school/page/programs</a>



### VHS Activities & Athletics

A student may earn the Student Engagement Seal on their diploma by participating in 3 seasons or 3 years of an extracurricular activity.

#### **ACTIVITY / ATHLETIC GUIDE**

The complete Student Activity Guide can be found on the <a href="www.vermilionschools.org">www.vermilionschools.org</a> website at High School > Athletics > Student Activity Guide.

#### **ACTIVITY OPTIONS FOR 2025-2026**

Academic Challenge, Grades 9-12

Art Club, Grades 8-12

Board Game Club/Chess, Grades 8-12

Book Club, 8-12 Diversity Union, 8-12 Drama Club, Grades 8-12

Dungeons & Dragons, Grades 8-12

Educators Rising, Grades 8-12

Esports, Grades 8-12

Indoor Track & Field, Grades 9-12 Intramural Sports, Grades 8-12

Jazz Band, Grades 9-12 Leo Club, Grades 8-12 Link Crew, Grades 11-12 Mock Trial, Grades 9-12 Model UN, Grades 9-12

National Green Schools Society, Grades 8-12

National Honors Society, Grades 11-12

Pep Band, Grades 8-12

Principal's Advisory Council, Grades 8-12

Robotics Club, Grades 8-12 Robotics Team, Grades 9-12 Senior Board, Grade 12

Ski & Snowboard Club, Grades 8-12

Soundsation, Grades 8-12 Speech & Debate, Grades 8-12 Spring Musical, Grades 8-12

Student Council, Grade 8

Student Council, Grades 9-12

The Compass/Student Newspaper, Grades 8-12

Winter Guard, Grades 8-12

#### **ATHLETIC OPTIONS FOR 2025-2026**

For a complete list of athletic offerings, please visit <a href="https://vermilionathletics.org/">https://vermilionathletics.org/</a>.

Baseball Soccer
Basketball Softball
Bowling Swimming
Cheer Tennis

Cross Country Track & Field Volleyball Golf Wrestling

# **Vermilion High School Pathways**

Recommended 5-Year Course Schedules

English	Enrollment	Enrollment Enlistment Employment	Employment	Electives Available at each grade level (all have prerequisites)
Grade 8	Honors English 8	English 8	English 8	
Grade 9	Honors English I	English I	English I	<ul> <li>Broadcast Journalism</li> <li>Yearbook</li> <li>Literature In Film</li> <li>Storytelling in Video Games</li> </ul>
Grade 10	Honors English II	English II	English II	
Grade 11	CCP ENGL 161 & CCP ENGL 162	English III	English III	
Grade 12	AP Literature combined with CCP Intro to Poetry & CCP Intro to Fiction	CCP ENGL 161 & CCP ENGL 162	English IV	

MATH	Enrollment	Enrollment Enlistment Employment	Employment	Electives Available at each grade level (all have prerequisites)
	Algebra I in 7th grade			
Grade 8	Honors Geometry	Honors Algebra I	Pre Algebra	
Grade 9	Honors Algebra II	Honors Geometry	Algebra I	
Grade 10	CCP College Algebra (1st semester) CCP Trigonometry (2nd semester)	Honors Algebra II	Geometry	• Statistics
Grade 11	AP Calculus	CCP College Algebra (1st semester) CCP Pre-Calculus (2nd semester)	Algebra II <i>OR</i> Quantitative Reasoning	<ul><li>CCP Statistics</li><li>Quantitative Reasoning</li></ul>
Grade 12	CCP Statistics	CCP/AP Calculus <i>OR</i> CCP Stats	Statistics	<ul><li>CCP Statistics</li><li>Quantitative Reasoning</li><li>CCP/AP Calculus</li><li>Other CCP Mathematics</li></ul>

Science	Enrollment	Enrollment Enlistment Employment	Employment	Electives Available at each grade level (all have prerequisites)
Grade 8	Honors Science 8	Science 8	Science 8	
Grade 9	Honors Physical Science	Physical Science	Physical Science	
Grade 10	Honors Biology	Biology	Biology	<ul> <li>Applied Physics Motion</li> <li>Applied Physics Forces</li> <li>Astronomy</li> <li>Natural History of Ohio</li> </ul>
Grade 11	Honors Chemistry <i>OR</i> Chemistry	Chemistry	Forensic Law & Forensic Investigation	<ul> <li>Applied Physics Motion</li> <li>Applied Physics Forces</li> <li>Astronomy</li> <li>Natural History of Ohio</li> <li>*Forensic Law</li> <li>*Forensic Investigation</li> <li>*Intro to Anatomy</li> <li>*Intro to Physiology</li> <li>*CCP Biology</li> <li>*CCP Ecology</li> <li>*Advanced Science Courses</li> </ul>
Grade 12	Physics OR CCP Biology/ Ecology OR Anatomy/ Physiology	Physics <i>OR</i> Science Elective	Science Elective	

Social Studies	Enrollment	Enrollment, Enlistment, or Employment	Employment	Electives Available at each grade level (all have prerequisites)
Grade 8	Honors Social Studies 8	Social Studies 8	Social Studies 8	<ul> <li>Contemporary National Government &amp; Global Affairs</li> <li>World Geography</li> </ul>
Grade 9	Honors Social Studies I	Social Studies I	Social Studies I	<ul> <li>Military History</li> <li>Sports History</li> <li>School Citizenship</li> <li>Contemporary National Government &amp; Global Affairs</li> <li>World Geography</li> </ul>
Grade 10	Honors Social Studies II	Social Studies II	Social Studies II	<ul> <li>Sports History</li> <li>School Citizenship</li> <li>Contemporary National Government &amp; Global Affairs</li> <li>History and Film</li> </ul>

Grade 11	Honors Social Studies III & Financial Literacy	Social Studies III & Financial Literacy	Social Studies III & Financial Literacy	<ul> <li>Sports History</li> <li>School Citizenship</li> <li>History and Film</li> <li>Modern Global Studies</li> <li>Psychology</li> </ul>
Grade 12	Psychology Sociology <i>OR</i> Modern Global Studies <i>OR</i> CCP US History	Psychology <i>OR</i> Sociology	Social Studies Elective	<ul> <li>Sociology</li> <li>CCP US History</li> <li>CCP Psychology</li> <li>Abnormal Psychology</li> <li>Peer Leadership</li> <li>Business Economics</li> </ul>

# **Vermilion High School Course Descriptions**

The remainder of this document lists and describes the course offerings at Vermilion High School for the upcoming school year. If the number of students signed up for a course falls below a minimum class size during registration and/or final scheduling, a careful evaluation will be made of all factors associated with offering the course. Administration may decide not to offer the course and students will be notified of the need to select another course. When scheduling, students should read the provided course descriptions to make their choices during the scheduling period. Courses having the prerequisite of LCCC and/or BGSU acceptance requires students to test college-ready.

# Career Tech Agricultural Education

AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE 9-12 LENGTH: YEAR

1 CREDIT

This first course in the career field is an introduction to Agricultural and Environmental Systems. Students will be introduced to the scope of the Agricultural and Environmental Systems career field. They will examine principles of food science, natural resource management, animal science & management, plant & horticultural science, power technology and bioscience. Students will examine the FFA organization and Supervised Agricultural Experience programs. Throughout the course, students will develop communication, leadership and business skills essential to the agriculture industry. Students will become FFA members which will open opportunities for FFA events. Only FFA members will be allowed to attend FFA trips and conventions. A fee is charged for this course.

#### ANIMAL & PLANT SCIENCE GRA

**GRADE 10-12** 

**LENGTH: YEAR** 

1 CREDIT

PREREQUISITE: AFNR (MAY BE TAKEN CONCURRENTLY)

Students will apply knowledge of animal and plant science to the agriculture industry. They will be introduced to the value of production animals relative to the agricultural marketplace. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. Students will learn principles of plant anatomy and physiology, and the role of nutrition, deficiencies and growing environment on plant production. Throughout the course, business principles and professional skills will be examined. A fee is charged for this course.

### **Business & Career Development**

SPORTS MARKETING GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

"Discover the exciting intersection of sports, business, and creativity in this dynamic course. Students will explore the strategies behind promoting teams, athletes, and events while analyzing real-world examples of branding, sponsorships, and fan engagement. Combining marketing fundamentals with the passion of sports culture, this course will challenge students to develop innovative campaigns, strengthen teamwork skills, and think critically about the evolving industry. Perfect for those interested in careers in marketing, sports management, or business innovation." A fee is charged for this course.

WORK-BASED LEARNING GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: SELECTED BY APPLICATION

Work-Based Learning is an application-based class that helps students explore their future career path while earning credit toward graduation. Students will learn employability skills such as how to search online for a job, how to complete an online application, and techniques for successful interviewing. Also covered in this course is information on career sectors, occupational information, career education, consumer education, and instruction in soft skills. Students will be required to take this class as a foundation to the Work-Based Learning Lab.



#### **WORK-BASED**

LEARNING LAB GRADE 11-12 LENGTH: SEMESTER / YEAR .5 / 1 CREDIT

PREREQUISITE: WORK-BASED LEARNING CLASS & SELECTED BY APPLICATION

Work-Based Learning Lab is an application-based class that allows students to earn credit towards graduation through employment experiences. Students must complete at least 60 hours of work and reflect on their experience in order to earn credit for this course. Students may earn an Ohio graduation seal through the Ohio Means Jobs Readiness Seal. Students will be required to be employed within the first two weeks of this course and sustain employment throughout the semester. Students must work a minimum of 60 hours per semester to pass and earn credit(s) for this course.

#### **BRIDGES TO SUCCESS**

CCP SDEV 103 GRADES 11-12 LENGTH: SEMESTER .33 CREDIT CCP SDEV 105 GRADES 11-12 LENGTH: SEMESTER .66 CREDIT

PREREQUISITE: ACCEPTANCE INTO LCCC

Discover a world of opportunities with Bridges to Success at LCCC! Bridges to Success is delivered during your junior or senior year of high school to help you get a jump start on your college experience and an in-demand career! Through Bridges to Success, you and your peers will walk through the admissions process, explore in-demand careers led by faculty and industry leaders, develop a college and career completion plan, and receive early access to college and career advising. Upon completing the program you will have had a chance to explore careers you may have never thought of and build skills that will be useful in college, the workplace or the military.

### **English**



ENGLISH I GRADE 9 LENGTH: YEAR 1 CREDIT

The English I curriculum is based on the study of fiction and non-fiction texts. Students will develop their analytical and comprehension skills. A variety of compositions will be written including a research paper. The course will also include the study of grammar and vocabulary. Students can expect to create original projects, give presentations, and use technology. An exit project and/or exam is required. A fee is charged for this course.



HONORS ENGLISH I GRADE 9 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN PREVIOUS ENGLISH CLASSES & TEACHER RECOMMENDATION
The curriculum of the Honors English I class emphasizes expanded breadth and depth of content, requiring a measurably different amount of work from the regular English classes. Honors courses are for students who are highly motivated and have achieved at least a B in previous English classes. An exit project and/or exam is required in addition to a **summer reading assignment** involving the book A Separate Peace by John Knowles. All course requirements must be completed to pass. A fee is charged for this course. This is a weighted course.



ENGLISH II GRADE 10 LENGTH: YEAR 1 CREDIT

The English II curriculum is a continuation and deepening of the English I curriculum. It is based on the study of fiction and non-fiction texts. Students will further develop his/her analytical and comprehension skills. A variety of compositions will be written including a research paper. The course will also include the study of grammar and vocabulary. Students can expect to create original projects, give presentations, and use technology. An exit project and/or exam is required. Students will be required to take the Ohio ELA II end-of-course state test and earn a competent score of 684 to graduate. A fee is charged for this course.



HONORS ENGLISH II GRADE 10 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN PREVIOUS ENGLISH CLASSES & TEACHER RECOMMENDATION
The curriculum of the Honors English class seeks to extend and refine the content, processes, and product of the regular English curriculum. It emphasizes expanded breadth and depth, requiring measurably different work from the regular English program. Therefore, the Honors program is for students who are highly motivated, independent learners strong in reading, composition, and communication skills including critical reading, composition structure, and style. A focus on student collaboration and use of the technology will also be a facet of this course. An exit project and/or exam is required in addition to a summer reading assignment involving the book A Lesson Before Dying by Ernest J. Gaines. All course requirements must be completed to pass. Students will be required to take the Ohio ELA II end-of-course state test and earn a competent score of 684 to graduate. This is a weighted course. A fee is charged for this course.

ENGLISH III GRADE 11 LENGTH: YEAR 1 CREDIT

The English III curriculum utilizes the study of American Literature and Cultural History to expand students' abilities to read, think, and write critically. Writing skills and composition will be a focus of this class. Students will continue to study grammar and vocabulary. Speaking and presentation skills will be a vital part of the curriculum as students complete several individual and group projects. Preparation for college entrance exams will be included in the course. An exit project and/or exam is required. The Research Paper is a course requirement. A fee is charged for this course.

ENGLISH IV GRADE 12 LENGTH: YEAR 1 CREDIT

The English IV curriculum focuses on skills necessary to prepare students for college and career readiness. Students will study fiction, non-fiction, and visual texts to expand their abilities to read, analyze, and write critically. College and Career Readiness will be included as pivotal features of the course. Writing skills and composition will be a focus of this class. Students will complete a mandatory research paper, which is a course requirement. Speaking and Presentation skills will be a vital part of the curriculum as students complete several individual and group projects. An exit project and/or exam is required. The Research Paper is a course requirement. A fee is charged for this course.

JUNIOR CCP COLLEGE COMPOSITION I & II

LCCC ENGLISH 161-162 GRADE 11 LENGTH: YEAR 2 CREDITS

PREREQUISITE: LCCC ACCEPTANCE; TEST COLLEGE-READY

This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. This course

provides students with the option to take the AP English Language exam in the spring at the cost of approximately \$100 with registration by November 1, 2025. This is a weighted course.

#### **SENIOR COLLEGE COMPOSITION I & II**

LCCC ENGLISH 161-162 GRADE 12 LENGTH: YEAR 2 CREDITS

PREREQUISITE: LCCC ACCEPTANCE; TEST COLLEGE-READY

This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including graphic images as forms of text, from many disciplines and historical periods. This is a weighted course.

\_\_\_\_\_

#### AP/CCP ENGLISH LITERATURE AND COMPOSITION

LCCC ENGLISH 255-257 GRADE 12 LENGTH: YEAR 3 CREDITS

PREREQUISITE: LCCC ENGLISH 161-162

The course content is based upon a suggested curriculum from The College Board. There are two major academic goals for this course: to give students a college-level English course and to prepare them for the required AP exam in May. A great deal of self-motivation is required for this course beginning with a **summer assignment** involving the books *Death of a Salesman* by Arthur Miller, *Frankenstein* by Mary Shelley, and *Martin Dressler: The Tale of an American Dreamer* by Steven Millhauser. Throughout the course, students will read and analyze British and American poetry and fiction along with select pieces of World literature. Writing about literature in the style required for success on the AP exam is a major focus. The AP exam fee of approximately \$100 will apply. This is a weighted course. A fee is charged for this course.

BROADCAST JOURNALISM GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SELECTION BY APPLICATION

Students will investigate, research, prioritize and synthesize information while learning the techniques and skills of videography, audio recording, editing, lighting and set design. Students will perform under deadline pressure, producing news stories for broadcast, the web, print, and social media, all hallmarks of a modern-day broadcast journalist. This class requires fieldwork done each week outside of class to create suitable news stories for daily broadcast. Students will also engage in topics such as journalism ethics, news bias, multi-platform journalism, and the role of media in society. These activities will build skills necessary for success in college and careers while providing a chance to explore personal interests. Students may take this course more than once with teacher approval. A fee is charged for this course.

YEARBOOK GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SELECTION BY APPLICATION

This course will introduce students to the basics of desktop publishing and yearbook production. While collaborating on the production of the yearbook (Log), the students will perfect writing skills appropriate for publications. Students will also develop photography/video skills and learn how to choose and edit photos/videos that tell a story. Technology will be an integral part of the course, with special emphasis placed on layout design, productions, and effective communication. Students will also have a chance to develop their knowledge of advertising and commerce, as the staff is responsible for raising the funds required for publication both through activities at school and in the community. Grades will be based on assignments, tests, and

acceptable contributions to the yearbook on a regular basis and the student's ability to meet deadlines. Students may take this course more than once with teacher approval. A fee is charged for this course.

LITERATURE IN FILM GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

In this course, we will read iconic stories — both classic and contemporary — and watch the films that bring them to life. We'll discover the magic and challenges of adapting stories into movies, looking at everything from plot changes to character development, to the visual tricks filmmakers use to keep you on the edge of your seat. We'll even dig into the behind-the-scenes decisions that shape how stories are told in both formats.

STORYTELLING IN VIDEO GAMES

GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

The class will focus on the narrative of the original source text and its video game adaptation as well as its film and TV adaptations. Students will read, discuss, write, play, and present about the games' storytelling, form, genre, style, theory, and corresponding adaptations. Students will have the opportunity to have hands-on experience interacting with the games. Witcher, Uncharted, Assassins Creed, and Dante's Inferno are some examples of the narrative driven games the class will study.

### Fine Arts (Visual Arts & Musical Arts)

One credit in the following courses will unconditionally meet the "fine arts" requirement for colleges in Ohio. Two credits will earn students the Fine & Performing Arts Seal on their diploma.

and Perform

ART I GRADES 9-12 LENGTH: SEMESTER .5 CREDIT

Art I is a drawing based course. In this course students will learn how to draw in full detail from a drawing using forms in a realistic manner and will also be able to shade to make artworks pop. Art history and criticism will be incorporated into many of the projects. This class is designed to teach both students that have never drawn before and help students that know how to draw excel even further in their drawing skills. A fee is charged for this course. A fee is required.

ART II GRADES 10-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: ART I

This course is a painting based course. Students will learn how to blend and mix colors using tempera and acrylic based paints. Another section this course covers is how to draw/paint portraits in full detail. Students will also learn to paint on canvas boards in this course. Art history and criticism will be incorporated into many of the projects. Art II is designed for the student who really enjoys being creative and wants to further explore the visual arts. A fee is required.

ART III / IV GRADES 10-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: ART II

Art III and IV are designed for the student who has developed their artistic skills and is ready for new challenges. New, more advanced lessons like encaustic painting, oil painting and creating murals along with many others will be explored. Students will be more self-directed and encouraged to develop their own style and specialization. Art history and criticism will be incorporated into many of the projects. This class is designed for students that really have a love for art and possibly want to pursue a career in art. A fee is charged for this course.

CERAMICS GRADES 9-12 LENGTH: SEMESTER .5 CREDIT

Ceramics is a sculpture-based course where students learn how to use clay, glazes and the firing process. Students will learn a variety of hand building techniques such as pinch, slab, and coil construction. This course is designed for students who like to get their hands dirty when making three-dimensional artworks. Art history and criticism will be incorporated into many of the projects. A fee is charged for this course.

ADVANCED CERAMICS GRADES 10-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: CERAMICS & TEACHER RECOMMENDATION

This course is designed for students who fell in love with creating artworks using clay in Ceramics. Students will be making larger assignments that focus more on detail as well as learning how to create on the potter's wheel. Students in this course should be dedicated to the ceramics medium and have interest in entering works for judging in art shows. Students who excelled in Advanced Ceramics and are looking to deepen their artistic practice have the ability to take this course again with teacher approval. Repeat students will experience an independent study style course and will be expected to create project proposals for ceramic topics they wish to explore. A fee is charged for this course.

## INTRO TO FILMMAKING & PHOTOGRAPHY

GRADES 9-12 LENGTH: YEAR 1 CREDIT

In this class students will be learning how to take photographs and how to manipulate and alter them using Adobe Photoshop. Students will also learn how to do animation, stop motion film and full film. Students will learn how to create and add special features to their films using iMovie, Adobe After Effects, Adobe Photoshop and Adobe Premiere. At the end of this course students will be able to take good quality pictures and shoot short films at a beginner's level. Students will be learning about design, specifically how to design cover pages for the yearbook using Photoshop. A fee is charged for this course.

\_\_\_\_\_

#### ADVANCED FILMMAKING &

PHOTOGRAPHY GRADES 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: INTRO TO FILMMAKING & PHOTOGRAPHY & TEACHER RECOMMENDATION

This course is designed for students that want to learn more in-depth features in photography such as camera essentials, taking more advanced pictures off site, and taking and creating pictures for staff and community for projects that go back into the school. For example, students can create and design page layouts for posters using Photoshop and the poster making software. Students will also be creating movies as individuals, in groups and as a class to follow a theme set for the year that promotes a strong message to teach the audience. This class will be in charge of setting up the Vermilion Film Festival and all that goes along with it. Students will learn all aspects of behind the scenes creation of a film from being a director, to learning to use the camera and computer. Students will be able to create more advanced films by the end of this course. Students in this class will be designing the ART SPEAKS IN VERMILION magazine as well. A fee is charged for this course.

GRAPHIC DESIGN GRADES 10-12 LENGTH: SEMESTER .5 CREDIT

In this course students will learn and apply fundamentals of Adobe InDesign and Adobe Illustrator. Students will create visual concepts using the listed programs and learn about the design process, critical thinking skills and learning an in-depth idea of how to use InDesign and Illustrator. Projects will cover advertisements, poster designs, digital paintings, graphic advertising, image editing and more. This course will take place primarily on the computer. We recommend this course for students that want to learn more about a career in graphic design and who want to try to get a license in Adobe InDesign and Adobe Illustrator. A fee is charged for this course.

MIXED MEDIA CONCEPTS GRADES 9-12 LENGTH: SEMESTER .5 CREDIT

Mixed Media Concepts is a hands-on course designed to give students opportunities to develop skills in a variety of craft techniques. The course delves into the history of each craft and its application to today's society. Examples of the skills that may be developed include printmaking, paper mache, Batik, weaving, embroidery, fibers, paper craft, bookbinding, stamping and felting. A fee is charged for this course.

**ADVANCED MIXED** 

MEDIA CONCEPTS GRADES 9-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: MIXED MEDIA CONCEPTS & TEACHER RECOMMENDATION

Advanced Mixed Media takes skills and techniques developed in Mixed Media Concepts to the next level. Students will expand on the knowledge learned in the prerequisite course and create larger scale projects with a focus on creativity and originality. Students will also have the opportunity to explore some new media and techniques not addressed in Mixed Media Concepts. This course can be taken multiple times with teacher approval. A fee is charged for this course.

STUDIO ART GRADES 10-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: ART 1 & ART 2; (Course offered second semester ONLY)

Studio Art will explore concepts and ideas about art more heavily. Students will learn to develop their own art style and focus on studying artists and movements throughout art history. This course builds on Art 1 and Art 2 concepts getting students ready for Art 3. Students taking this course should be interested in and know basic skills for Drawing, Painting and Art History. A fee is charged for this course.

HIGH SCHOOL BAND GRADES 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: PREVIOUS EXPERIENCE IN A SCHOOL BAND PROGRAM

The marching band performs at all football games, as well as several festivals and parades throughout northern Ohio. The band begins its rehearsal during the summer and the majority of the work for the season is learned during that time as well as evening rehearsals (once a week) outside of the school day. All of these rehearsals and performances are mandatory. Marching band does not prevent anyone from participating in fall sports or extracurricular activities. The advisors resolve conflicts between band events and extracurricular activities. After the marching band is over, students are split into two concert bands: Symphonic Band and Wind Ensemble. Each student is required to audition for placement into these bands at the end of the marching band season. Symphonic Band and Wind Ensemble performs publicly at least two to three times during the remaining 3 quarters. Students are required to have the appropriate instrument and additional necessary materials in order to rehearse and perform. The student will provide most of these materials; however, music will be provided. Students who use school-owned instruments will be provided an instrument for a yearly rental fee of \$50.00.

MARCHING BAND AUXILIARY GRADES 9-12 LENGTH: QUARTER .25 CREDIT PREREQUISITE: SELECTION TO THE MAJORETTE SQUAD OR COLOR GUARD ONLY BY AUDITION Students who are successful in tryouts for the Majorette Squad or Color Guard, but will not play an instrument in concert band, will be scheduled for Marching Band Auxiliary for the first nine weeks of the school year. The Auxiliary will be required to participate in all Marching Band rehearsals and performances as students who are signed up for the full band class do. This class is also available to those students who attend EHOVE or are CCP students that cannot attend band 8th period.

CONCERT CHOIR GRADE 9-12 LENGTH: YEAR 1 CREDIT

Concert choir is a non-auditioned group open to 8th through 12th grade students. This group will focus on developing healthy and mature vocal technique in the context of various styles of choral music. In

addition, students in this class will develop an understanding of music fundamentals including music terminology, classical composers, and music literacy. Additional work will include written tests, performance-based tests, and required evening performances. Depending on the year, the group may be split into separate mens and womens ensembles.

CHORALE GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SELECTION BY AUDITION HELD AT THE END OF THE PREVIOUS SCHOOL YEAR. CONTACT THE DIRECTOR IF INTERESTED.

The top choir at Vermilion High School, this selective mixed ensemble performs a wide variety of repertoire from different time periods, including motets, madrigals, spirituals, and other works, both sacred and secular. This ensemble will work on mastery of choral performance, including advanced repertoire, choral competition, sight reading, and understanding of music theory. In addition to regularly scheduled concerts, students participating in this ensemble include additional performances. Students from this group will also be strongly encouraged to participate in Solo and Ensemble activities. Admission to this ensemble is selective and is based on a successful audition; the size of the choir typically ranges around 30-40 singers.

INTRO TO PIANO GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

In this course students will learn basic piano skills using both hands including 5 finger position, scales, progressions, fingering techniques and accompaniment. Students will also learn basic music theory including notes, rhythm, basic harmonization techniques, and form. Performance etiquette as a performer and as an audience member will also be stressed.

INTRO TO GUITAR GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

This course is designed for the beginning guitar student and is taught in a group setting with individual responsibilities. No prior guitar experience is required, however, each student must have a guitar available to them for outside practice. This class requires outside study and practice. Upon completion of this course, the students will be able to: identify parts of the guitar, tune guitar properly using relative tuning, and read music including the following aspects: standard notation (including understanding the elements of music), rhythm, melody, harmony, form, tempo, dynamics, chord symbols/charts, and tablature. Students will also perform music using proper guitar technique (fingering, posture, hand position, etc.), perform standard guitar literature in a group setting as well as individually and sight-read selected exercises/songs. \*Personal Guitar is needed for this course\*

HISTORY OF ROCK & ROLL GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

This course is an introduction to the history and culture of rock and roll. Two questions shape the course: How did the times shape the music? And how did the music shape the times? The History of Rock and Roll will introduce students to the evolution of American popular music from its early blues roots to the music from 1950 to the 2000's. Students will study the social, political, technological, and economic forces that shaped the music as well as all major genres of rock music. The course includes detailed listening assignments and an introduction to musical vocabulary and concepts. Extensive listening and video examples will be analyzed to uncover the make-up of the music. Finally, we will discuss how Rock and Roll has influenced other cultures and even how other cultures have influenced the development of rock and roll. The ultimate goal of this course is to help you understand the music that you are listening to: where it comes from, what it is made of, where it is going, and to help make you an educated consumer of music.

MUSIC THEORY I GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

Students in Music Theory I will learn concepts that can lead to the creation of their own compositions and arrangements. The course will cover clef reading, pitch and rhythmic notation, intervals, scales, key

signatures, triads, and diatonic chords, and an introduction to ear training. Any student interested in a career in music should take this course.

### **Health and Physical Education**

HEALTH GRADE 8-10 LENGTH: SEMESTER .5 CREDIT

Health is required by the State of Ohio for graduation and is offered one semester. It is suggested that students complete this requirement during their freshman year. The areas of discussion are those important to the physical, social, and mental well-being of the students. A basic understanding of good health practices is emphasized as well as basic knowledge of the anatomy and physiology of the body. Special emphasis is placed on contemporary health problems of adolescence in areas such as social interactions, drug abuse, sexuality, nutrition, and exercise. An effort is made to create good health habits through understanding. Students are encouraged to maintain these practices throughout their lives. All students take this course for high school credit; the final grade will be included on a student's permanent transcript.

PHYSICAL EDUCATION GRADE 9-12 LENGTH: SEMESTER .25 CREDIT

Basic skills will be taught and competitive play will progress according to the students' abilities. Co-educational activities will be included throughout the program. Activities offered will include indoor soccer, touch football, volleyball, softball, tennis, physical fitness tests, recreational sports, and exercise. Students are required to dress in a change of clothes including shorts or sweats, a t-shirt or sweatshirt, and gym shoes. Participation in physical education is mandatory for all enrolled students.

STRENGTH & CONDITIONING GRADE 9-12 LENGTH: SEMESTER .25 CREDIT

PREREQUISITE: PHYSICAL EDUCATION

Strength and conditioning is designed for students who wish to improve their physical fitness and design workouts based on individual needs or preferences. The muscular system will also be discussed. Students will be involved in designing and implementing individual workouts.

WALKING FOR FITNESS GRADE 9-12 LENGTH: SEMESTER .25 CREDIT

PREREQUISITE: PHYSICAL EDUCATION

Walking for Fitness is designed to stress the importance of cardiovascular, muscular, and mental fitness development for maintaining a healthy lifestyle. The course will help students acquire the knowledge, skills, and attitudes necessary for physical fitness through participation in a carefully monitored walking program. Students will track and document their progress through the use of heart rate monitors and pedometers. Students will be required to dress for the weather, as they will walk to the Field House for class, as well as walk outside for class.

#### **Mathematics**

ALGEBRA I GRADE 9 LENGTH: YEAR 1 CREDIT

PREREQUISITE: PRE-ALGEBRA & TEACHER RECOMMENDATION

Algebra I builds upon a number of key algebraic topics assumed to have been developed, namely a deep knowledge of linear patterns of change and familiarity with nonlinear patterns such as exponential and quadratic. It is expected that students entering Algebra I are able to recognize and solve mathematical and real-world problems involving linear relationships and to make sense of and move fluently among the graphic, numeric, symbolic and verbal representations of these patterns. In addition, students should be

able to apply this knowledge to quadratic and other simple functions. Algebra I also connects to topics related to the study of the real number system and its properties, and introduces elementary number theory. Finally, students will develop an understanding that algebraic thinking is a powerful tool that can be used to model and solve real world problems. Students will be required to take the Ohio Algebra I end-of-course State test and earn a competent score to graduate. All students take this course for high school credit; the final grade will be included on a student's permanent transcript. A fee is charged for this course.

#### HONORS ALGEBRA I GRADE 8-9 LENGTH: YEAR

1 CREDIT

PREREQUISITE: B OR HIGHER IN PRE-ALGEBRA & TEACHER RECOMMENDATION

This course is designed for students who have demonstrated exceptional ability and motivation in mathematics. It is a weighted course and will have an effect on a student's high school grade point average. Students will develop an understanding that algebraic thinking is a powerful tool that can be used to model and solve real world problems. Students will be required to take the Ohio Algebra I end-of-course State test and earn a competent score to graduate. All students take this course for high school credit; the final grade will be included on a student's permanent transcript. A fee is charged for this course.

#### GEOMETRY GRADE 9-11 LENGTH: YEAR 1 CREDIT

PREREQUISITE: ALGEBRA 1 & TEACHER RECOMMENDATION

This class will be a traditional, rigorous study of Euclidean Geometry and related topics from a contemporary point of view. Included in the study of the relationships of points, lines, planes, triangles, quadrilaterals, and other polygons, will be the study of the concepts of right triangle trigonometry. Students will be required to take the Ohio Geometry end-of-course state test for graduation in this course. All students take this course for high school credit; the final grade will be included on a student's permanent transcript. A fee is charged for this course.

HONORS GEOMETRY GRADE 8-11 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN ALGEBRA I OR HONORS ALGEBRA I & TEACHER RECOMMENDATION
Students will use inductive and deductive reasoning to develop written theories that describe the properties of two and three dimensional objects. Honors Geometry students will proceed at an accelerated pace, providing students with a rigorous background in logic and proof - the language of mathematics. In addition to the material on geometric language, angle relationships, and geometric proofs for congruence and similarity, right triangle relationships, properties of various quadrilaterals and circles, the course will devote time to coordinate geometry and begin the study of trigonometry. Project based learning will allow all students the ability to be self-directed learners while at the same time taking the responsibility to help investigate ideas with others. Hands-on, student-centered projects will allow students to not only learn concepts and theory but will allow them to discover how these geometric ideas apply to the real world. Students will be required to take the Ohio Geometry end-of-course state test for graduation in this course. All students take this course for high school credit; the final grade will be included on a student's permanent transcript. A fee is charged for this course.

ALGEBRA II GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: GEOMETRY & TEACHER RECOMMENDATION

Students enrolled in Algebra II will complete a rigorous study of algebra in preparation for advanced mathematical topics. Students will study logarithms and exponential functions and their applications, as well as analytic geometry and fundamentals of trigonometry. A graphing calculator is required; the VHS staff recommends TI 83+.

HONORS ALGEBRA II GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN GEOMETRY OR HONORS GEOMETRY & TEACHER RECOMMENDATION This course is designed for students who have demonstrated exceptional ability and motivation in mathematics and will meet the needs of students who anticipate entering college majors requiring an extensive mathematical background. Students will complete an in-depth and rigorous study of algebra to prepare for more advanced topics. They will study logarithms, exponential functions and their applications, polynomial operations, and functions. A graphing calculator is required; the VHS staff recommends TI 83+.

QUANTITATIVE REASONING GRADE 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: ALGEBRA I & GEOMETRY & TEACHER RECOMMENDATION

Critical thinking and reasoning are the primary objectives and outcomes of this advanced quantitative reasoning course. It includes the application of mathematical skills including algebraic methods to the analysis and interpretation of quantitative information (numbers in context) in real-world situations to make decisions that are relevant to daily life. Additionally, the course emphasizes interpretation, precision, representation, calculation, analysis/synthesis, use of assumptions and communication through student presentations and writing. Students combine problem solving with modeling to analyze real-life situations and devise solution strategies. These habits and skills cut across disciplines, promote perseverance, and provide a gateway into successful postsecondary education and a variety of careers. A fee is charged for this course.

STATISTICS GRADE 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: ALGEBRA II AND/OR QUANTITATIVE REASONING & TEACHER RECOMMENDATION
This course is designed to take a look into statistics with emphasis on its real world applications. The course will cover descriptive statistics, frequency distributions, statistical inference, probability, distribution patterns, regression and correlation. As an added bonus, study will attempt to delve into logical thinking and how to write logic statements. A graphing calculator with regression ability is required; the VHS staff recommends TI 83+.

**CCP STATISTICS** 

BGSU MATH 1150 GRADE 10-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: BGSU ACCEPTANCE; TEST COLLEGE-READY IN MATH or 3.0 GPA & TEACHER RECOMMENDATION

The course is equivalent to a college level statistics class. The major topics are exploring data, planning a study, anticipating patterns, and statistical inference. Students who successfully complete this course have the ability to earn college credit. A TI-83 or better is required for this course

\_\_\_\_\_

CCP COLLEGE ALGEBRA

BGSU MATH 1220 GRADE 10-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: BGSU ACCEPTANCE; TEST COLLEGE-READY IN MATH or 3.0 GPA & TEACHER

RECOMMENDATION
One semester: 1 credit

Study of algebraic functions, equations, systems of equations, inequalities, matrices, partial fractions, exponential and logarithmic functions. Designed primarily for the calculus-bound student. Graphing calculator required. Mathematics core course.

**CCP PRECALCULUS** 

BGSU MATH 1280 GRADE 10-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: BGSU ACCEPTANCE & COLLEGE ALGEBRA & TEACHER RECOMMENDATION
For the calculus-bound student. A study of trigonometric functions and their graphs; trigonometric identities and equations; conic sections; polar and parametric equations; mathematical induction; and the binomial theorem. Graphing calculator required. Mathematics core course.

CCP OR AP CALCULUS

BGSU MATH 1340 / 1350 GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN PRE-CALCULUS & TEACHER RECOMMENDATION

This course is taken concurrently with Calculus as described above. The second semester will focus on preparing for the AP test in May. Additionally, a capstone project will be completed in the weeks between the test and the end of the semester. Requirement: A graphing calculator (TI 83+ or better) and the fee for taking the AP exam (approximately \$100).

# **Science**

PHYSICAL SCIENCE GRADE 9 LENGTH: YEAR 1 CREDIT

This hands-on laboratory course is the preparatory science course designed for all students. Students will explore the major introductory concepts of physics and chemistry through interactive activities, laboratory experiences, computer simulations and demonstrations. Students will work together in lab groups and be introduced to scientific laboratory equipment and probe-ware. An emphasis is placed on understanding how the world works by applying scientific methods and inquiry. The course will conclude with a cumulative final exam. A fee is charged for this course.

HONORS PHYSICAL SCIENCE GRADE 9 LENGTH: YEAR 1 CREDIT

PREREQUISITE: ALGEBRA I & TEACHER RECOMMENDATION

Honors physical science covers introductory concepts of physics and chemistry. This hands-on laboratory course is a preparatory course designed for students with a strong mathematical foundation in algebra that has experienced success in previous science courses. Students will work together in lab groups and be introduced to new lab equipment and probe-ware similar to that of the professional level. Students will be asked to make use of current technology to research, experiment, create, and present findings in class. This course concludes with a cumulative final exam. A fee is charged for this course.

BIOLOGY GRADE 10 LENGTH: YEAR 1 CREDIT

PREREQUISITE: PHYSICAL SCIENCE

An introductory biology course designed for students with an honest curiosity pertaining to the structure and function of living organisms and their interrelationships. Topics include heredity, cell biology, evolution, genetics, diversity and interdependence of life, and scientific inquiry and application. Students can expect daily reading and homework assignments. Collaborative and independent projects are required, as is a final exam. A fee is charged for this course. Students will be required to take the Ohio Biology end-of-course state test for graduation in this course.

HONORS BIOLOGY GRADE 10 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN A PHYSICAL SCIENCE COURSE & TEACHER RECOMMENDATION
An introductory biology course designed for students who are prepared to do extensive independent work. Students should expect to spend a minimum of one hour each day preparing for class. The Honors Biology course will emphasize an enriched, accelerated content that focuses on key concepts. Topics include heredity, cell biology, evolution, genetics, diversity, and interdependence of life. Scientific inquiry, critical thinking, and application will be stressed. Required course components include collaborative and independent projects, assignments, and a final exam. A fee is charged for this course. Students will be required to take the Ohio Biology end-of-course state test for graduation in this course.



CHEMISTRY GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: PHYSICAL SCIENCE & BIOLOGY & TEACHER RECOMMENDATION

Chemistry is the study of matter and change. Matter, physical and chemical changes, bonding and energy are the four main themes that will be discussed during this class. Laboratory experiments are designed to reinforce the principles studied in the classroom. This course is a quick-paced introduction to the further study of chemistry and other sciences at the industrial and college levels. Students can expect daily reading and homework assignments. A notebook and a scientific calculator are required and a cumulative final exam is given. A fee is charged for this course.



HONORS CHEMISTRY GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: B OR HIGHER IN HONORS BIOLOGY & TEACHER RECOMMENDATION

This chemistry course covers topics in addition to those covered in the regular Chemistry course. Students enrolled in this course must be strong math students with good problem-solving skills. Laboratory experiments are designed to reinforce the concepts learned in class and to further develop inquiry skills. Lab reports are required of students. Students can expect daily reading assignments and/or homework assignments, as well as problem solving applications. A notebook and a scientific calculator are required. It is highly recommended that students enrolling in this course have earned an A grade in Biology or at least a B grade in Honors Biology. A fee is charged for this course.



FORENSICS AND THE LAW GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This course introduces students to the field of forensic science through an exploration of its applications to criminal investigations, and clear explanations of the techniques, abilities and limitations of the modern crime laboratory. Course contents include forensic psychiatry/psychology, serial arsonists, serial killers, document analysis, toxicology, arson, time of death, entomology, fingerprinting, and crime scene processing. A fee is charged for this course.



FORENSICS INVESTIGATIONS GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This course introduces students to the field of forensic science through an exploration of its applications to criminal investigations, and clear explanations of the techniques, abilities and limitations of the modern crime laboratory. Course contents include introduction to the study of criminalistics vs. criminology, Locard's principle, introduction to the law, forensic history, rules of evidence, trace evidence, forensic anthropology, glass as evidence and crime scene processing. A fee is charged for this course.



PHYSICS GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: CHEMISTRY & ALGEBRA II

Physics is the study of the natural universe and the laws and theories that govern it. The physics course provides students with a general background knowledge of the fundamental areas of physics. Topics are developed conceptually and then are supported mathematically. This is a hands-on laboratory course that develops students' critical thinking skills through laboratory reporting and problem solving. Students can expect daily reading and homework assignments. A final exam is required. A fee is charged for this course.



APPLIED PHYSICS OF MOTION GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

This class is a problem solving, project based introduction to physics. Expect a hands-on

approach to introduce students to the principles of engineering. Students will explore motion within Newton's laws of motion, energy, momentum and collisions, rotational motion, and waves.



APPLIED PHYSICS OF FORCES GRADE 10-12 LENGTH: SEMESTER .5 CREDIT
This class is a problem solving, project based introduction to physics. Expect a hands-on approach to introduce students to the principles of engineering. Students will explore forces within Newton's laws of motion, energy, momentum and collisions, electricity, and waves.



#### **CCP GENERAL BIOLOGY**

LCCC BIOLOGY 151 GRADE 11-12 LENGTH: SEMESTER 1 CREDIT
PREREQUISITE: LCCC ACCEPTANCE & B OR HIGHER IN BIOLOGY OR HONORS BIOLOGY
An introductory biology course. Topics include basic chemistry and cell biology, evolution, genetics, ecology and a survey of the kingdoms. Students should expect to spend a minimum of one hour each day preparing for class independently. Laboratory required. This is a natural science core course.



# CCP INTRODUCTION TO ECOLOGY

LCCC BIOLOGY 165 GRADE 11-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: LCCC ACCEPTANCE & RECOMMENDED B OR HIGHER IN BIOLOGY / HONORS BIOLOGY An introductory course covering the environment and the interaction between human beings and the ecosystem. Course also addresses the energy, social, and environmental problems associated with this interaction. Students should expect to spend a minimum of one hour each day preparing for class independently. Course will include several field experiences, including a community event and independent field observations. This is a natural Science Core Course.



# INTRO TO HUMAN ANATOMY GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This elective laboratory science course is designed for students interested in taking a challenging, in-depth study of the structure of the human body. A systems approach is followed, focusing on the gross anatomy of the human body. Lab dissection of mammalian organs and some mammals is required. A fee is charged for this course.



#### INTRO TO HUMAN PHYSIOLOGY GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This elective laboratory science course is designed for students interested in taking a challenging, in-depth student of the function of the human body. A systems approach is followed with an emphasis on the mechanisms of human physiology. Lab dissection of mammalian organs and some mammals is required. A fee is charged for this course.



#### ASTRONOMY\* GRADE 10-12 LENGTH: YEAR 1 CREDIT

Astronomy is the study of our solar system and beyond. Topics that will be covered include astronomical measurements and their instruments, the solar system of planets, the sun and stars, galaxies, as well as other concepts of cosmology. Students will be asked to research, develop, and present topics to their peers. Students should expect regular current event readings that will be summarized and kept in a journal. A final exam is required. A fee is charged for this course.

\*No lab component so not applicable as a third science credit; does not qualify for Honors diploma.



## NATURAL HISTORY OF OHIO\* GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

This course will help students develop a broad understanding of Ohio's native plants and animals, Ohio's geology and geography, and the interrelationships among them. Students will develop observational and identification skills associated with Ohio's natural history.

\*Not applicable as a third science credit; does not qualify for Honors diploma.

# Social Studies



**SOCIAL STUDIES I GRADE 9 LENGTH: YEAR** 

1 CREDIT

The Social Studies I course will combine US and World Studies from the period of Reconstruction up to World War II. The course will begin with a focus on key Enlightenment Ideas that led to independence movements and then will examine the history of the United States of America from 1865 through 1939, emphasizing historical analysis of pivotal global events during these years. In preparation for the Ohio End of Course Exams, students will pursue the chronological study of US and World Studies from earlier grades, continuing to analyze how the events of yesterday have shaped the nature of the country and the world today. This course will continue to build upon the concepts of historical thinking introduced in prior years, requiring students to locate and analyze primary and secondary sources from multiple perspectives to draw conclusions. Students will gain a deeper understanding of the role of citizens and continue to develop their research skills. There will be an overall emphasis on written analysis. This course will require a midterm and a final exam.



HONORS SOCIAL STUDIES I **GRADE 9 LENGTH: YEAR** 1 CREDIT

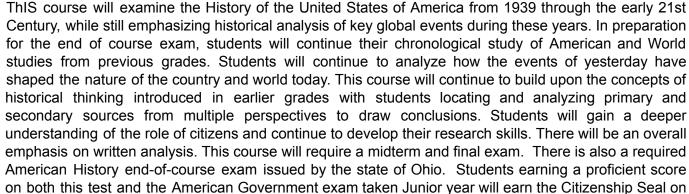
PREREQUISITE: B OR HIGHER IN SS 8 OR HONORS SS 8 & TEACHER RECOMMENDATION The Honors Social Studies I course will parallel the content of Social Studies I with added components. Students will be expected to use critical thinking to complete projects that focus on content, collaboration, communication, and creativity. Additional course requirements will include a community service project, a midterm exam, a final exam, and in-class reading of novels.



SOCIAL STUDIES II **GRADE 10 LENGTH: YEAR** 1 CREDIT

PREREQUISITE: SOCIAL STUDIES I

their diploma for graduation.



The Social Studies II course will combine U.S. and World Studies from World War Two to present day.



HONORS SOCIAL STUDIES II **GRADE 10 LENGTH: YEAR** 1 CREDIT PREREQUISITE: B OR HIGHER IN SS I OR HONORS SS I & TEACHER RECOMMENDATION The Honors Social Studies II course will parallel the content of Social Studies II with added components.

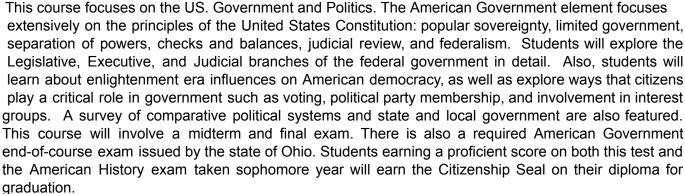


Students will be expected to use critical thinking to complete projects that focus on content, collaboration, communication, and creativity. Additional course requirements will include a first semester book analysis paper, a community service project, a final exam, and a second semester major research paper and presentation. There is also a required American History end-of-course exam issued by the state of Ohio. Students earning a proficient score on both this test and the American Government exam taken junior year will earn the Citizenship Seal on their diploma for graduation.



SOCIAL STUDIES III GRADE 11 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SOCIAL STUDIES II





HONORS SOCIAL STUDIES III GRADE 11 LENGTH: YEAR 1 CREDIT PREREQUISITE: B OR HIGHER IN SOCIAL STUDIES II OR HONORS SS II & TEACHER RECOMMENDATION This honors class offers students an in-depth look at the foundations, principles, and workings of the American Political System. Included is a thorough study of the philosophical beginnings of the United States, the branches of government, the process of policymaking, the federal bureaucracy, constitutional law, and contemporary issues. This course will develop skills and abilities in analyzing and evaluating current issues and public policies in American politics. Students will also work collaboratively and creatively using various forms of technology while addressing these contemporary issues and policies. The importance of citizenship, as well as community, will also be stressed in this course. This course will require community service hours, attendance at a local government meeting, and a semester final and end of year final exam.

FINANCIAL LITERACY GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

Understanding financial management concepts is an important life skill. From credit insurance to taxes, it is imperative that students understand the consequences of their choices. Wisely managing their money, students will become more fiscally responsible citizens. The course surveys the basic personal finance needs of most individuals and emphasizes the basics of budgeting, saving, banking skills, credit and debt, insurance, and paying taxes. Students taking this course will have the opportunity to learn how to prepare for their financial futures. **This course is required by the State of Ohio for graduation.** 

BUSINESS ECONOMICS GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

Business Economics builds on and applies the principles taught in personal finance. This course will teach high school students the basics of starting a business using the Junior Achievement curricula, including developing entrepreneurial abilities, identifying business opportunities, creating a business plan, understanding economics, and identifying the stages of business growth. Students are challenged to start their own entrepreneurial venture while still in high school and compete in a global market.

**CONTEMPORARY NATIONAL** 

& GLOBAL AFFAIRS GRADE 9-10 LENGTH: SEMESTER .5 CREDIT

This class will help students become familiar with the current events that are shaping their world and understand the causes and effects of those events. Students will collaborate to research, develop expertise, and present on current topics of their own interest, digging into geography, history, politics, geopolitics, sociology, and technology as needed to inform their understanding. This course will be co-taught by Superintendent Dr. Hile and Assistant Superintendent Mr. Weaver. Only students in grade 9 and above will take this course for high school credit.



# CCP UNITED STATES HISTORY I

LCCC HISTORY 161 GRADE 11-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: LCCC ACCEPTANCE & RECOMMENDED B OR HIGHER IN HONORS SOCIAL STUDIES II
A study of the origin and growth of American civilization from the discovery of the western hemisphere to
the end of the Reconstruction. Research paper required. Course format is lecture and discussion. Writing
development will occur as well. Analysis of multiple primary and secondary sources of information will be
key to student evaluation in this course. Focus of class activities and assignments will be determining
key issues in the early development of American history and their relevance to students' lives today. This
is a college course and students will be graded as such. It is highly recommended that students have
completed Honors Social Studies II with an 80% or above achievement rate when signing up for this
course. To enroll, students must also have tested college-ready. A research paper is required.



#### **CCP UNITED STATES HISTORY II**

LCCC HISTORY 162 GRADE 11-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: LCCC ACCEPTANCE & RECOMMENDED B OR HIGHER IN HONORS SOCIAL STUDIES II
A political, economic, diplomatic, social, cultural, and intellectual survey of the United States from the
end of Reconstruction to the present. Intensive reading is required, including text, scholarly articles,
primary sources, and supplementary books, which students may need to purchase. Course format is
lecture and discussion. Research paper required. Writing development will occur as well. Analysis of
multiple primary and secondary sources of information will be key to student evaluation in this course.
This is a college course and students will be graded as such. It is highly recommended that students
have completed Honors Social Studies II with an 80% or above achievement rate when signing up for
this course. A research paper is required.

HISTORY AND FILM GRADE 10-12 LENGTH: SEMESTER .5 CREDIT

This course will involve the study of American or World History through the use of popular or documentary film. The key to this course will be viewing the films with a critical 'eye' and be expected to learn about the content in the films viewed and how accurate the content in the film is portrayed. Analysis of the inherent messages in the films viewed will be key to a successful grade in the course as well. Discussion and written analysis will be key to the course evaluation.

MODERN GLOBAL STUDIES GRADE 11-12 LENGTH: YEAR 1 CREDIT

Students in this course will study the 21<sup>st</sup> century from an economic, social, and political viewpoint. Current news issues will be researched and analyzed, as well as global conflicts and the resulting consequences on race, class, and gender. Conflicts to assess will include women's challenges, the Arab-Israeli conflict, world healthcare, contemporary conflicts involving war and economic sanctions, interdependence, the world's environment, food supply, basic human rights and freedom/democracy, and the United Nations. By the end of the course, students should be able to discuss and critically evaluate problems facing different regions of the world and suggest possible solutions to the problem. In addition, students should be able to demonstrate where specific regions are located on the globe. Online journal articles and newspapers from around the world along with scholastic magazines will be utilized in order to gain a firm understanding of issues on a worldwide level. Students will use research projects, cooperative learning, projects, tests, quizzes and positional debates to demonstrate their knowledge about the 21<sup>st</sup> century world.

PSYCHOLOGY I GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

The goal of this course is for students to learn the dignity and worth of the individual. This is done through the study of individual human development and the challenges and accomplishments they face. Throughout this course, students will study the approaches and methods of psychology as they pertain to the human brain, sensation and perception, learning and behavior, altered states of consciousness and dreaming as well as psychological disorders and treatments. Classroom lessons emphasize activity,

experimentation, demonstration, collaboration, and technology. Students will complete an oral presentation where they apply their creativity, theories and methods learned in the course. The course will require a final exam.

PSYCHOLOGY II GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: C OR HIGHER IN PSYCHOLOGY I

The Psychology II course will continue with the study of individual human development and the challenges and accomplishments they face. Students will study the approaches and methods of psychology as they pertain to memory and cognition, language, intelligence, motivation and emotion, development across the lifespan, personality, and social psychology. Classroom lessons emphasize activity, experimentation, demonstration, collaboration, and technology. Students will complete projects where they apply their creativity, theories, and methods learned in the course. The course will require a final exam.

SOCIOLOGY GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This course will involve the study of societal beliefs and behavior patterns. Students will learn about the findings of sociological study, including the social forces that shape their lives. Students will be encouraged to look beyond their limited view of society to see other values, ideas, groups, and institutions that shape the world in which they live. Throughout this course, students will learn the sociological approaches, research methods, and paradigms as they pertain to societal values, norms, and the structure of society. Students will also gain an appreciation for diversity and adversity by working creatively and cooperatively with each other. Issues discussed will include culture, socialization, various social groups as well as their dynamics and pressures, social inequalities, and deviance. Classroom lessons will emphasize discussion, activities, demonstrations, collaboration, and technology. This course will require a final exam.

SPORTS HISTORY GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

This course will involve the study of the history and influence of sports on American history. The course will examine key issues involved with the prevalence of sports in American culture, as well as specific issues concerning major and popular American sports. Student evaluation will be based on discussion, projects, and written analysis. A student fee may be assessed for field trips.

ABNORMAL PSYCHOLOGY GRADE 11-12 LENGTH: SEMESTER .5 CREDIT

This course will present students with a broad introduction to the field of abnormal psychology. Areas of study will include defining abnormal behavior, diagnostic features, causes and prevalence, as well as treatment of various disorders. There will be an emphasis on terminology, symptoms, treatment as well as portrayal and societal issues of disorders. Disorder types will include but are not limited to anxiety, dissociative, mood, substance related, personality, neurodevelopmental disorders and schizophrenia. Classroom lessons will emphasize lecture, collaboration, case studies, and film analysis. This course will require a final exam.

PEER LEADERSHI PREREQUISITE: *SE* 

PEER LEADERSHIP GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SELECTION BY APPLICATION

This course centers on service learning and creating environments and communities that are positive, safe, understanding, and inspiring. Students will identify your personal leadership style, as well as your personality type, in order to build and develop your leadership potential. This class emphasizes service learning, project-based learning, team building, collaboration, presentation skills and character. Students

will become involved in Community Youth Mentoring in which they build a relationship and become a role model to a younger student in the district at both the elementary and middle school. Students will become a part of Teen Leadership Corps, an organization that empowers students to achieve leadership through service to their school and community. Students in this class will also be part of Link Crew, which helps organize and run 8th grade orientation, along with academic and social follow ups. Students who take Peer Leadership will be expected to be socially responsible, as they will be representatives of their school and community, as well as sign a Confidentiality and No Use Agreement Form. It will also require the completion of presentations, class activities, and a final exam.

# SCHOOL CITIZENSHIP GRADE 9-12 LENGTH: SEMESTER / YEAR .5 / 1 CREDIT

PREREQUISITE: TEACHER RECOMMENDATION

Students will develop skills in the citizenship areas that relate to executive functioning areas required for all students to be successful in school and life including self-discipline, respect, responsibility, and lifelong learning while receiving support in working through our high school curriculum.

# CCP PSYCHOLOGY

LCCC PSYH 151 GRADE 11-12 LENGTH: SEMESTER 1 CREDIT

PREREQUISITE: LCCC ACCEPTANCE

An introduction to psychology as the science of behavior and an overview of current psychological thought. Topics include the science of psychology, biological bases of behavior, learning, memory and cognition, motivation, stress and adjustment, personality, psychological disorders and their treatment, and social psychology.

# MILITARY HISTORY GRADE 9 LENGTH: SEMESTER .5 CREDIT

This course examines warfare from ancient times to the present. Students will learn about weaponry and tactics used around the world throughout history and the impact war has had on civilization. Only students in grade 9 may take this course for high school credit.

#### WORLD GEOGRAPHY GRADE 9 LENGTH: SEMESTER .5 CREDIT

This course serves as an introduction to the world around us from the physical earth to the people that inhabit it. Students will learn essential map reading skills and geographic concepts focusing on major world regions like North America, South America, Europe, Asia, Africa, and Oceania. Through examining the physical world students will also be introduced to cultural geographic factors that have shaped societies.

# **STEM Electives**

# ROBOTICS I GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

This course is designed to introduce students to the world of engineering, automation and robotics. Students will learn about the underlying principles that govern modern robot development, including the fundamentals of the design cycle, the history of robotics, electrical circuits, computer aided design, 3D printing, introductory coding and programming, and problem-based learning experiences using the VEX V5 platform.

ROBOTICS II GRADE 9-12 LENGTH: SEMESTER .5 CREDIT

PREREQUISITE: ROBOTICS I

This course is designed to advance student skill level with the VEX V5 platform. Students will take part in a series of projects that build skills in different areas necessary for the Robotics season while learning lab safety and organization. Mechanical and electrical engineering, computer programming, automation, business management, marketing and communications, and design thinking will be explored and practiced. Students will collaborate on the design, creation, and function of the team's competition robot in preparation for the classroom competitions. Students have the option to join a Sailortech Robotics team and compete at VEX events. A fee is charged for this course.



ROBOTICS III GRADE 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: ROBOTICS II & TEACHER RECOMMENDATION

This course is a continuation of Robotics II and is designed to advance student skills, knowledge, and experience in regards to the field of robotics and Sailortech, the VHS Robotics program. Students will prepare for the VEX Robotics Competition series, and take part in events. Computer aided design (CAD), mechanical and electrical engineering, computer programming, automation, business management, and design thinking skills will be practiced and advanced in preparation for competition events. Some after school and Saturday competition attendance is required. A fee is charged for this course.

# **World Languages**

FRENCH I GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: RECOMMENDED C OR HIGHER IN CURRENT ENGLISH COURSE

This course is geared to the level of the college-bound student. This course provides for an experience in all phases of the language including speaking, listening, comprehension, reading, and writing in French. Time is also given to instruction in the culture and history of the French people. Vocabulary of a practical nature is introduced in this course that covers a wide area of subject matter. French grammar is presented in such a manner so as to reinforce knowledge of English grammar. Projects and class time will make use of various available technologies for written and/or oral assignments.

FRENCH II GRADE 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: FRENCH I & TEACHER RECOMMENDATION

French II is a continuation of French I. Emphasis is on the four basic skills of listening comprehension, speaking, reading, and writing. There is a heavy emphasis on grammar and increased vocabulary building. An appreciation of French culture and understanding of the French way of life is achieved by reading supplementary articles and discussion. Projects and class time will make use of various available technologies for written and/or oral assignments.

OHIO OHIO

FRENCH III GRADE 11-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: C OR HIGHER IN FRENCH II & TEACHER RECOMMENDATION

The student is expected to improve composition skills and reading comprehension through use of contemporary vocabulary and the finer points of grammar. Through the reading of short stories and two novels, the student will learn and practice vocabulary and grammar in context. Part of the evaluation in this class is the student's ability and willingness to use the language. Projects and class time will make use of various available technologies for written and/or oral assignments.



FRENCH IV GRADE 12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: C OR HIGHER IN FRENCH III & TEACHER RECOMMENDATION

French IV includes a thorough grammar review. Many outside readings are used including books introducing modern French culture. French IV treats several important works of literature from the viewpoint of philosophy and style. There is a continuation of composition study and emphasis in fluency at this level. Projects and class time will make use of various available technologies for written and/or oral assignments.

SPANISH I GRADE 9-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: RECOMMENDED C OR HIGHER IN CURRENT ENGLISH COURSE

This course is geared to the level of the college-bound student. A combination of the traditional cognitive and audio-lingual methods is used to develop the student's abilities in the areas of listening, speaking, reading and writing Spanish. The students make a limited study of the geography and culture of Spanish-speaking countries. Emphasis in speaking is done with dialogues, short conversations or songs. The present tense and the simple future are introduced, as well as rules for gender, agreement, pronoun placement and word order. Practical vocabulary units are also emphasized. Projects and class time will make use of various available technologies for written and/or oral assignments.

SPANISH II GRADE 10-12 LENGTH: YEAR 1 CREDIT

PREREQUISITE: SPANISH I & TEACHER RECOMMENDATION

Spanish II is the level where students will be able to piece together language elements to make them comprehensible. The abilities to listen, speak, read, and write are further developed using TPRS/CI methods. There is a heavy emphasis on grammar and increased vocabulary building. Present (tense), Present Progressive, Past, Imperfect, Future, Conditional, pronouns & commands are highlighted. Students will work toward the Intermediate Low level of the ACTFL/ODE standards using texts, songs, short stories, non-fiction, & online resources.

\_\_\_\_\_



SPANISH III GRADE 11-12 LENGTH: YEAR 1 CREDIT
PREREQUISITE: B OR HIGHER IN SPANISH II & TEACHER RECOMMENDATION

There is a heavy concentration on the culture of Spain through the study of literature, music, and art. Lectures on culture are delivered in Spanish. Additional grammar including compound tenses, degrees of comparison, passive structures and subjunctive tenses are taught at this level. Conversation, listening in the target language and composition are stressed. Students will work toward the Intermediate High level of the ACTFL/ODE standards using texts, songs, short stories, non-fiction, & online resources.

# **Grade 8 Curriculum**

Eighth-grade students will have a minimum of six courses per day and one lunch/sailor support period. In the column on the left, the table below displays courses that every Vermilion High School Grade 8 student will take as part of the required curriculum. Courses listed on the right may be part of a student's daily schedule as determined by the scheduling meeting with his/her school counselor the spring of their 7th-grade year. Bold-faced courses in the table below indicate that high school credit will be earned, and as such, the course and course grade will be included in the student's high school transcript. For this reason, the student's maturity and dedication to academics should be carefully considered before registering for any high school course. Course descriptions for high school courses are located under the corresponding academic department in this course guide.

Required Courses	Available Electives
<ul> <li>English 8 or Honors English 8</li> <li>Math (options listed)         <ul> <li>Pre-Algebra</li> <li>Algebra I - 1 high school credit (page 34)</li> <li>Honors Algebra 1 - 1 high school credit (page 34)</li> <li>Geometry - 1 high school credit (page 34)</li> <li>Honors Geometry - 1 high school credit (page 34)</li> </ul> </li> <li>Social Studies 8 or Honors Social Studies 8</li> <li>Science 8 or Honors Science 8</li> <li>Physical Education 8</li> <li>Career Connections 8</li> </ul>	<ul> <li>Band 8</li> <li>Concert Choir 8</li> <li>Contemporary National &amp; Global Affairs 8</li> <li>Grit 8</li> <li>Health5 high school credit</li> <li>Intro to Agriculture 8</li> <li>Intro to Guitar 8</li> <li>Intro to Musical Theatre 8</li> <li>Exploring Music 8</li> <li>Intro to Piano 8</li> <li>Mixed Media 8</li> <li>Intro to Robotics 8</li> <li>Military History 8</li> <li>World Geography 8</li> </ul>

High school credit courses listed above in boldface type. Grades earned in these courses will <u>permanently</u> be on a student's high school transcript.

# **Grade 8 Course Descriptions**

ENGLISH 8 LENGTH: YEAR

The eighth grade English course is a literature and composition class that incorporates all aspects of language development. Fundamental skills such as writing, grammar, vocabulary, and speech will be reinforced and expanded through a variety of assignments. An exit project and/or final exam is required. Students will take the Ohio Grade 8 test in English and Language Arts in this course. A fee will be charged for this course.

#### HONORS ENGLISH 8 LENGTH: YEAR

PREREQUISITE: TEACHER RECOMMENDATION

The curriculum of the Honors English 8 class emphasizes expanded breadth and depth of content, requiring a measurably different amount of work from the regular English classes. A summer assignment is a requirement of the course. Honors courses are for students who are highly motivated and have achieved at least a B in previous English classes. Students entering this course should have the recommendation of their seventh grade English teacher. An exit project and/or final exam is required. All course requirements must be completed to pass. Students will take the Ohio grade 8 test in English and

Language Arts in this course. A fee is charged for this course. Failure to meet the standards of the course may result in transfer in the regular English 8 course.

**LENGTH: YEAR** 

# PRE-ALGEBRA (MATHEMATICS 8)

PREREQUISITE: TEACHER RECOMMENDATION

Pre-algebra is a foundational math course designed to prepare students for Algebra I through the instruction of problem-solving techniques. Traditional topics such as fractions, signed numbers, equations, inequalities, data analysis, ratio, proportion, percent, graphing, and geometry are reviewed and extended.

**SCIENCE 8** LENGTH: YEAR

Grade 8 Science focuses on three branches of science; Earth Science, Physical Science, and Life Science. The topics of the content will be Physical Earth, Forces and Motion and Species and Reproduction. The connections made between the three areas combine the interaction of energy, forces in motion and how they change the physical features of the Earth. The changes of physical Earth and species that have lived on Earth are found in the rock record. For species to continue reproduction must be successful. These concepts will be presented as a lab based course. Students will interpret and present quantitative data produced by themselves and others through experimentation.

**LENGTH: YEAR** 

#### **HONORS SCIENCE 8**

PREREQUISITE: TEACHER RECOMMENDATION

The Honors Science course for eighth graders will extend and accelerate key topics within the Science 8 curriculum. The course will focus on three branches of science: Earth Science, Physical Science, and Life Science. The connections made between the three areas combine the interaction of energy, forces in motion and how they change the physical features of the Earth. The changes of physical Earth and the species that have lived on Earth are found in the rock record. For species to continue reproduction must be successful. These concepts will be presented as a lab based course.

**SOCIAL STUDIES 8 LENGTH: YEAR** 

The 8th Grade Social Studies Course will cover U.S. studies from colonization through the Civil War. In doing so, students will describe the effects of interactions among civilizations and the various groups involved in and affected by the colonization process. Students will also explain the causes and consequences of the American Revolution, with emphasis on colonial and British perspectives, including assessment of the political and economic challenges that the United States faced in the adoption of the U.S. Constitution. Finally, students will analyze the causes and consequences of the American Civil War. In doing so, students will consider the geographic, cultural, economic, and governmental changes that occur throughout these American historic time periods. Students will develop a deeper appreciation of their roles as citizens and develop social studies analysis skills and methods, including multiple source analysis.

#### **HONORS SOCIAL STUDIES 8**

PREREQUISITE: TEACHER RECOMMENDATION

The Honors Social Studies 8 course will parallel the content of Social Studies 8 with added components. Students will be expected to begin developing higher level research and writing skills as well as the implementation of technology in their research. They will be expected to study the preceding historical eras through the use and analysis of multiple types of resources, including primary and secondary. The course will require a final research project and a final exam.

**LENGTH: YEAR** 

**LENGTH: SEMESTER** 

#### **PHYSICAL EDUCATION 8**

Basic skills will be taught and competitive play will progress according to the students' abilities. Co-educational activities will be included throughout the program. Activities offered will include indoor soccer, touch football, volleyball, softball, tennis, physical fitness tests, recreational sports, and exercise. Students are required to dress in a change of clothes including shorts or sweats, a t-shirt or sweatshirt, and gym shoes. Participation in physical education is mandatory for all enrolled students.

LENGTH: SEMESTER

**LENGTH: SEMESTER** 

**LENGTH: SEMESTER** 

**LENGTH: SEMESTER** 

**LENGTH: SEMESTER** 

#### **CAREER CONNECTIONS 8**

This semester course will introduce students to in-demand jobs from the various major Ohio career clusters. Students will experience Lorain County Community's Flex Factor program and take a trip to the college to explore hands-on programs in popular career fields. In cooperation with our school counseling department, Interest and aptitude inventories may be administered and shared with each student to provide possible career pathways unique to that student.

GRIT 8 LENGTH: SEMESTER / YEAR

Among the highest predictors of success, both in school and in life, are a person's ability to perform three skills well: problem-solving, self-advocacy, and perseverance. GRIT is a course designed to explicitly teach these skills in a structured setting and will allow each student their greatest opportunity at success. Students will receive instruction and practice in the following areas: goal setting, materials management, time management, task initiation and completion, study strategies, communication, critical thinking, collaboration, and accountability. Designed for students who thrive on structure and who benefit from additional academic support, this class provides the GRIT needed to succeed in school and in life.

# **HEALTH (.5 HIGH SCHOOL CREDIT)**

Health is required by the State of Ohio for graduation and is offered one semester. The areas of discussion are those important to the physical, social, and mental well-being of the students. A basic understanding of good health practices is emphasized as well as basic knowledge of the anatomy and physiology of the body. Special emphasis is placed on contemporary health problems of adolescence in areas such as social interactions, drug abuse, sexuality, nutrition, and exercise. An effort is made to create good health habits through understanding. Students are encouraged to maintain these practices throughout their lives. All students take this course for high school credit; the final grade will be included on a student's permanent transcript.

#### **INTRODUCTION TO AGRICULTURE 8**

This course is designed to introduce students to the skills and careers available in the broad field of agriculture and environmental systems. Students will learn rudimentary animal and plant science, business operations, woodworking, electrical principles, small engines, sustainability, natural resources, and more.

## **INTRODUCTION TO ROBOTICS 8**

This course is designed to introduce students to the world of engineering, automation and robotics. Students will learn about the underlying principles that govern modern robot development, including the fundamentals of the design cycle, the history of robotics, electrical circuits, computer aided design, 3D printing, introductory coding and programming, and problem-based learning experiences.

# **MIXED MEDIA CONCEPTS 8**

Mixed Media Concepts is a hands-on course designed to give students opportunities to develop skills in a variety of craft techniques. The course delves into the history of each craft and its application to today's society. Examples of the skills that may be developed include printmaking, paper mache, Batik, weaving, embroidery, fibers, paper craft, bookbinding, stamping and felting. A fee is charged for this course.

CONCERT CHOIR 8 LENGTH: YEAR

Concert choir is a non-auditioned group for students. This group will focus on developing healthy and mature vocal technique in the context of various styles of choral music. In addition, students in this class will develop an understanding of music fundamentals including music terminology, classical composers, and music literacy. Additional work will include written tests, performance-based tests, and required evening performances.

BAND 8 LENGTH: YEAR

PREREQUISITE: PREVIOUS EXPERIENCE IN A SCHOOL BAND PROGRAM

The marching band performs at all football games, as well as several festivals and parades throughout northern Ohio. The band begins its rehearsal during the summer and the majority of the work for the season is learned during that time as well as evening rehearsals (once a week) outside of the school day. All of these rehearsals and performances are mandatory. Marching band does not prevent anyone from participating in fall sports or extracurricular activities. The advisors resolve conflicts between band events and extracurricular activities. After the marching band is over, students are split into two concert bands: Symphonic Band and Wind Ensemble. Each student is required to audition for placement into these bands at the end of the marching band season. Symphonic Band and Wind Ensemble performs publicly at least two to three times during the remaining 3 quarters. Students are required to have the appropriate instrument and additional necessary materials in order to rehearse and perform. The student will provide most of these materials; however, music will be provided. Students who use school-owned instruments will be provided an instrument for a yearly rental fee of \$50.00.

#### EXPLORING MUSIC 8 LENGTH: SEMESTER

What comes to mind when you hear the word 'music'? Do you think about your favorite band or artist? Or do you think about instruments and scales and chords? The word music means something different to everyone. Which is why in this Music course, there's a little bit of something for everyone! You will learn about how we hear music; how music affects our lives; important elements of music like rhythm, pitch, and harmony; different musical genres; singing and your voice; various instruments; music composition, including digital composition; and the history and culture of music over the years. Tune up your understanding and appreciation for all things music by signing up for this course!

INTRO TO PIANO 8 LENGTH: SEMESTER

In this course students will learn basic piano skills using both hands including 5 finger position, scales, progressions, fingering techniques and accompaniment. Students will also learn basic music theory including notes, rhythm, basic harmonization techniques, and form. Performance etiquette as a performer and as an audience member will also be stressed.

## INTRO TO GUITAR 8 LENGTH: SEMESTER

This course is designed for the beginning guitar student and is taught in a group setting with individual responsibilities. No prior guitar experience is required, however, each student must have a guitar available to them for outside practice. This class requires outside study and practice. Upon completion of this course, the students will be able to: identify parts of the guitar, tune guitar properly using relative tuning, and read music including the following aspects: standard notation (including understanding the elements of music), rhythm, melody, harmony, form, tempo, dynamics, chord symbols/charts, and tablature. Students will also perform music using proper guitar technique (fingering, posture, hand position, etc.), perform standard guitar literature in a group setting as well as individually and sight-read selected exercises/songs.

## INTRO TO MUSICAL THEATRE 8 LENGTH: SEMESTER

The spotlight is calling you! This class is for any 8th grade student interested in learning the in's and out's of one of America's original art forms, Musical Theatre. Students will learn the history of musical theatre,

study song styles, learn theatrical terms, and work on basic acting skills. Projects will focus on acting, improvising, staging, auditions, choreography, singing, lighting, sound, and costumes for a musical show. Students will also assist in the high school show that is currently in production.

**LENGTH: SEMESTER** 

# **WORLD GEOGRAPHY 8**

This course serves as an introduction to the world around us from the physical earth to the people that inhabit it. Students will learn essential map reading skills and geographic concepts focusing on major world regions like North America, South America, Europe, Asia, Africa, and Oceania. Through examining the physical world students will also be introduced to cultural geographic factors that have shaped societies.

## CONTEMPORARY NATIONAL & GLOBAL AFFAIRS 8 LENGTH: SEMESTER

This class will help students become familiar with the current events that are shaping their world and understand the causes and effects of those events. Students will collaborate to research, develop expertise, and present on current topics of their own interest, digging into geography, history, politics, geopolitics, sociology, and technology as needed to inform their understanding. This course will be co-taught by Superintendent Dr. Hile and Assistant Superintendent Mr. Weaver.

# MILITARY HISTORY 8 LENGTH: SEMESTER

This course examines warfare from ancient times to the present. Students will learn about weaponry and tactics used around the world throughout history and the impact war has had on civilization.

# **CCP INFORMATION FOR 2025-2026**

After you have attended or watched the CCP Information Meeting: It can be found at <a href="https://www.vermilionschools.org/CollegeCreditPlus.aspx">https://www.vermilionschools.org/CollegeCreditPlus.aspx</a>

# Step #1

- Complete your Intent to Participate Form located HERE.
- This form must be completed by April 1, 2025. No exceptions!

# Step #2

- Complete the online CCP college application if you are new to CCP.
- The most common universities that VHS students take classes through are Lorain County Community College and Bowling Green State University Firelands and Tri-C.
   Applications for both of these colleges are at the links below:
  - LCCC CCP Application (paper copy return to school counseling office)
  - BGSU Firelands Application (complete online under First Time Users)

\*After a student applies to the college, both LCCC (US MAIL) and BGSU Firelands (email); acceptance letters to students indicating the next steps for account set up and course registration.

## Step #3

- Request your Official High School Transcript be sent to each school you plan on taking CCP classes through.
- Transcript Request via Parchment https://www.vermilionschools.org/TranscriptsorRecordRequests.aspx

## Step #4

- Test to show you are college-ready
- CCP Placement Criteria for Classes at LCCC and BGSU

# Lorain County Community College

- LCCC CCP Information
- LCCC Accuplacer Information

Karen Tomcko- Lorain County Community College ktomcko@lorainccc.edu

# **BGSU-Firelands**

- BGSU Firelands Information
- BGSU Accuplacer Information
- BGSU Test Center Information

Sophia Jackson- BGSU Firelands Ssjacks@bgsu.edu

# Tri-C

• Tri-C CCP Information

Karen Dickerson- Cuyahoga Community College Karen.Dickerson@tri-c.edu

# <u>Step 5.</u>

• Register for CCP Classes that you are eligible for with your school counselor or CCP college advisor

Other CCP Resources

CCP Classes Offered at VHS

CCP or AP

Q&A on CCP

CCP Families FERPA

CCP Probation and Dismissal Form

Transferology

LCCC Resources

Transfer 36 CCP.

Associate of Arts Degree requirements

Associate of Science Degree requirements

CCP-Overview

LCCC Creating You Student Accounts

CCP Student Resources