

VERMILION HIGH SCHOOL



Course Guide 2024 - 2025

Revised 1/3/24

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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

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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 31, 2024, 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, both at VHS and in the Digital Academy.**

Subject	Credit for Graduation
English	4 (English I, English II, English III, English IV)
Social Studies	3 (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
Total Credits	22

*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

<https://www.unlockyourfuture.org/>.

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

FIRST

Cover the Basics

✓ Earn 22 Credits



4 credits
Mathematics



4 credits
English
Language Arts



3 credits
Social Studies



3 credits
Science



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



1 credit
Fine Art



.5.5 credit
Financial Literacy*
(Class of 2025 and beyond)

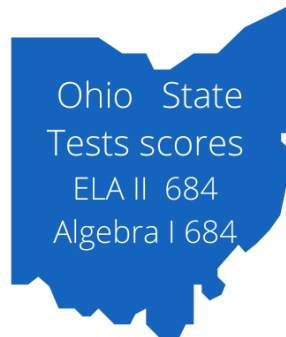


Elective Credits
Must total 22 credits by graduation

SECOND

Show Competency

✓ Demonstrate
Competency



OR
College
Credit

PLUS

OR



*12 pt. IRC
*WebXam Score 3+ in
pathway
*State-issued license
w/ exam
*Pre-
apprenticeship / appren-
ticeship program

2 Career Focused Activities

OR



Military Enlistment

THIRD

Show Readiness

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



State



State



State



State



State



State



State



State



State



Local



Local



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 <https://www.usa.gov/join-military>.

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.



STATE OF OHIO ACADEMIC HONORS DIPLOMA

ACADEMIC HONORS DIPLOMA

Math & English	4 units of each
Science	4 units, including 2 units of advanced science (Chemistry, Honors Chemistry, Physics, AP Physics, CCP Science, Anatomy/Physiology)
Social Studies	4 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
GPA	3.5 on a 4.0 scale (unweighted)
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher



STATE OF OHIO CAREER-TECH HONORS DIPLOMA (EHOVE students only)

CAREER-TECH HONORS DIPLOMA

Math & English	4 units of each
Science	4 units, including 2 units of advanced science
Social Studies	4 units
World Languages	2 units of one world language
Electives	4 units of career-technical courses
GPA	3.5 on a 4.0 scale (unweighted)
ACT/SAT/WorkKeys	ACT: 27 or higher/SAT: 1280 or higher/WorkKeys: 6 or higher on Reading for Information and 6 or higher on Applied Mathematics
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus.

Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus.
Additional Assessments	Earn an industry-recognized credential or achieve proficiency benchmark for appropriate Ohio Career-Technical Competency Assessment or equivalent.



STATE OF OHIO STEM HONORS DIPLOMA (Set Sail must be taken Senior year to qualify)

STEM HONORS DIPLOMA

Math & English	5 units of Math & 4 units of English
Science	5 units, including 2 units of advanced science
Social Studies	3 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	2 units with a focus in STEM (Robotics I, Robotics II)
GPA	3.5 on a 4.0 scale (unweighted)
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus



STATE OF OHIO ARTS HONORS DIPLOMA (Set Sail must be taken Senior year to qualify)

ARTS HONORS DIPLOMA

Math & English	4 units of each
Science	3 units, including 1 unit of advanced science
Social Studies	3 units

World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	4 units
Electives	2 units with a focus in fine arts
GPA	3.5 on a 4.0 scale (unweighted)
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus



STATE OF OHIO SOCIAL SCIENCE AND CIVIC ENGAGEMENT HONORS DIPLOMA (Set Sail must be taken Senior year to qualify)

SOCIAL SCIENCE AND CIVIC ENGAGEMENT HONORS DIPLOMA

Math & English	4 units of each
Science	3 units, including 1 unit of advanced science
Social Studies	5 units
World Languages	3 units of one world language, or no less than 2 units of each of two world languages studied
Fine Arts	1 unit
Electives	3 units with a focus in social sciences and/or civics
GPA	3.5 on a 4.0 scale (unweighted)
ACT/SAT	ACT: 27 or higher/SAT: 1280 or higher
Field Experience	Complete a field experience and document the experience in a portfolio specific to the student's area of focus
Portfolio	Develop a comprehensive portfolio of work based on the student's field experience or a topic that is related to the student's area of focus

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
A	93 – 98	4.00
A-	90 – 92	3.67
B+	87 – 89	3.33
B	83 – 86	3.00
B-	80 – 82	2.67
C+	77 – 79	2.33
C	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
P	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 AP Calculus CCP/AP 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 OHSAAGuidelines 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	English I	Honors English I
AP English Literature	English II	Honors English II
CCP College Composition I	English III	Honors English III
CCP College Composition II	English IV	Honors 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	Sociology	Honors Social Studies II
CCP US History II	Social Studies I	Honors Social Studies III
Modern Global Studies	Social Studies II	

MATHEMATICS

Algebra I, including Part 1 and Part 2	Calculus	Geometry
Algebra II	AP Calculus	Honors Algebra II
AP Statistics	CCP College Algebra	Honors Geometry
Statistics	CCP Trigonometry	Integrated Math III
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
French II	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

**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 www.actstudent.org for more information.



SAT REASONING TEST

The SAT Reasoning Test® 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 www.collegeboard.com 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 www.collegeboard.com for more information.

Awards

NOTE: All senior academic recognition and awards are based upon eight (8) semesters of coursework.

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 of 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

<u>Distinguished Honor Roll</u>	<u>High Honor Roll</u>	<u>Honor Roll</u>	<u>Merit Roll</u>
4.00 and above GPA	3.67 to 3.99 GPA	3.33 to 3.66 GPA	3.00 to 3.32 GPA
No grade below A	No grade below A-	No grade below B-	No grade below C

VALEDICTORIAN AND SALUTATORIAN

Students must be enrolled in Vermilion High School for four (4) semesters during his/her junior and senior year to be eligible for recognition as the 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

The following are the criteria for awarding academic letters and pins:

- All academic achievement points must be accumulated from Vermilion High School.
- A student (grades 9-12) must accumulate twenty (20) points. This letter will be awarded at the end of the third quarter of the year in which it was earned. If a senior earns a letter or pin during his/her fourth quarter, that letter or pin will be available at the end of the fourth quarter.
- A student will receive a pin for each twenty (20) point accumulation beyond the original twenty (20) point letter. Surplus points may be carried to the next academic year.

Points may be accumulated from the following areas: academic achievement, academic activities, and academic honors.

Academic Achievement points will be awarded from only one (1) honor or merit roll per semester:

- Distinguished Honor Roll: Eight (8) points
- High Honor Roll: Six (6) points
- Honor Roll: Four (4) points
- Merit Roll: Two (2) points
- Outstanding Department Student of the Year: one (1) point

The following academic activities will be awarded one (1) point:

- Academic Challenge
- Model U.N.
- National Forensic League

The following tests will award one-half ($\frac{1}{2}$) point for taking the exam and one-half ($\frac{1}{2}$) point if the student places:

- Advanced Placement
- National French Exam
- National Spanish Exam

The following points will be awarded one (1) time based on a student's best score for college entrance exams:

- ACT composite score of 22 or 23: One (1) point
- ACT composite score of 24 or above: Two (2) points
- SAT combined score (Reading and Math) of 900-1050: One (1) point
- SAT combined score (Reading and Math) of 1051 or above: Two (2) points

The following academic honors will receive one (1) point upon induction:

- National Honor Society
- National Technical Honor Society

The following academic honors will receive one-half ($\frac{1}{2}$) point upon induction:

- National French Honor Society
- National Spanish Honor Society

The National Merit Scholarship honors will be awarded based on a student's performance on the PSAT/NMSQT test taken during junior year:

- Commended student: Three (3) points
- Semi-Finalist: Four (4) points

- Finalist: Five (5) points

The responsibility for reporting the qualified student and points earned will rest on the sponsor or advisor of said activity.

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 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 2023-2024 school year be submitted to the School Counseling Office no later than **April 1, 2024**.

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.

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 3 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 31 of the previous school year.

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.

CAREER-BASED INTERVENTION

Career-Based Intervention (CBI) is a career-tech program for students identified as disadvantaged (academically, economically or both) and having barriers to achieving academic and career success. This application-based program 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 two Ohio graduation seals through CBI including the Ohio Means Jobs Readiness Seal and the Industry-Recognized Credential seal. Students will be required to acquire and sustain employment and successfully complete the RISE Up Customer Service and Sales and RISE Up Retail Industry Fundamentals online curriculum in addition to passing a final exam in each course.

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**
- ½ CREDIT OF HEALTH**
- ½ 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

[Computer & Networking Technologies](#)

[Cybersecurity](#)

[Visual & Interactive Media](#)

BUSINESS

[Business & Marketing](#)

[Job Connections](#)

EDUCATION & SERVICES

[Cosmetology](#)

[Culinary Arts](#)

[Education & Family Careers](#)

Food Service Operations
EMPLOYABILITY
Career Based Intervention
Fast Forward
SKILLED TRADES
Construction Tech
Electrical Tech
HVAC Tech
Manufacturing Design & Robotics
Welding & Fabrication
HEALTH SCIENCE
Exercise Science & Rehab Therapy
Medical Careers
PUBLIC SAFETY
Criminal Justice
Firefighter/EMT
TRANSPORTATION SYSTEMS
Auto Tech
Collision & Refinishing
Diesel Tech
SOPHOMORE PROGRAMS
Career Exploration
Explore STEM

EHOVE Programs Updated 1/3/24 from <https://www.ehove.net/o/high-school/page/programs>



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 www.vermilionschools.org website at High School > Athletics > Student Activity Guide.

ACTIVITY OPTIONS FOR 2024-2025

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
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 2024-2025

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

Baseball	Soccer
Basketball	Softball
Bowling	Swimming
Cheer	Tennis
Cross Country	Track & Field
Football	Volleyball
Golf	Wrestling

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 acceptance requires students to test college-ready.**

Career Tech Agricultural Education

AGRICULTURE, FOOD, & NATURAL RESOURCES (AFNR) GRADE 9-10 LENGTH 36 WEEKS 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.

ANIMAL & PLANT SCIENCE GRADE 10-11 LENGTH 36 WEEKS 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.

English

ENGLISH I GRADE 9 LENGTH 36 WEEKS 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 36 WEEKS 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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	2 CREDITS
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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 \$95 with registration by November 1, 2023. This is a weighted course.

SENIOR COLLEGE COMPOSITION I & II

LCCC ENGLISH 161-162 GRADE 12 LENGTH 36 WEEKS 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 ENGLISH LITERATURE AND COMPOSITION

LCCC ENGLISH 255-257 GRADE 12 LENGTH 36 WEEKS 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 \$95 will apply. This is a weighted course. A fee is charged for this course.

BROADCAST JOURNALISM GRADE 9-12 LENGTH 36 WEEKS 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 10-12 LENGTH 36 WEEKS 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/video 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.

MYTH AND LEGEND GRADE 9-12 LENGTH 18 WEEKS .5 CREDIT

This course will explore the mythology of various cultures (Greek, Roman, Norse, Egyptian, etc) with a specific eye for how these mythologies overlap. Possible topics include: the creation of a culture or nation, the structure of the cosmos, the relationship between gods and mortals, justice, society, family, love, madness, and death. A fee may be charged for this course.

STORYTELLING IN VIDEO GAMES GRADE 10-12 LENGTH 18 WEEKS .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. A fee may be charged for this course.

Recommended 5-Year Course Schedule

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 style="list-style-type: none"> • Broadcast Journalism • Myth and Legend
Grade 10	Honors English II	English II	English II	<ul style="list-style-type: none"> • Broadcast Journalism • Yearbook • Myth and Legend • Storytelling in Video Games
Grade 11	CCP ENGL 161 & CCP ENGL 162	English III	English III	<ul style="list-style-type: none"> • Broadcast Journalism • Yearbook • Myth and Legend • Storytelling in Video Games
Grade 12	AP Literature combined with CCP Intro to Poetry & CCP Intro to Fiction	CCP ENGL 161 & CCP ENGL 162	English IV	<ul style="list-style-type: none"> • Broadcast Journalism • Yearbook • Myth and Legend • Storytelling in Video Games



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.

ART I	GRADES 9-12	LENGTH 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS

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 18 WEEKS

.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.

MIXED MEDIA CONCEPTS

GRADES 8-12

LENGTH 18 WEEKS

.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. Only students in grade 9 and above will take this course for high school credit.

STUDIO ART

GRADES 10-12

LENGTH 18 WEEKS

.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.

MARCHING/SYMPHONIC/WIND ENSEMBLE BAND

GRADE 8-12

LENGTH 36 WEEKS

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 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	GRADE 9-12	LENGTH 9 WEEKS	.25 CREDIT
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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 BAND	GRADE 8-12	LENGTH 36 WEEKS	1 CREDIT
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Concert band continues the students' musical development through the study, rehearsal, and performance of many outstanding compositions from the canon of band literature. Improved musicianship and understanding of the elements of music such as tone quality, pitch, rhythmic accuracy, and musical expression are studied through participation in this setting. 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; music will be provided. Those students who use school-owned instruments will be provided an instrument for a yearly fee of \$50.00. **Please note, this is a skill-building band only and not part of the regular high school band experience. Students in this class will not be eligible to go on high school band trips.**

CONCERT CHOIR	GRADE 8-12	LENGTH 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 8-12	LENGTH 18 WEEKS	.5 CREDIT
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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 8-12

LENGTH 18 WEEKS

.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.

Health and Physical Education

HEALTH

GRADE 8-10

LENGTH 18 WEEKS

.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 18 WEEKS

.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. All students take this course for high school credit; the final grade will be included on a student's permanent transcript.

ADVANCED PHYSICAL EDUCATION GRADE 9-12

LENGTH 18 WEEKS

.25 CREDIT

PREREQUISITE: *PHYSICAL EDUCATION*

Students will have an opportunity to advance their skills in a variety of team sports. Not only will students be improving their skill level, they will be exposed to all aspects of the game such as strategy, officiating, scorekeeping and managing a team. All students take this course for high school credit; the final grade will be included on a student's permanent transcript.

STRENGTH & CONDITIONING

GRADE 9-12

LENGTH 18 WEEKS

.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 18 WEEKS	.25 CREDIT
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PREREQUISITE: *PHYSICAL EDUCATION & SCHOOL COUNSELOR RECOMMENDATION*

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 36 WEEKS	1 CREDIT
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PREREQUISITE: *PRE-ALGEBRA*

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.

HONORS ALGEBRA I	GRADE 8-9	LENGTH 36 WEEKS	1 CREDIT
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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.

GEOMETRY	GRADE 9-11	LENGTH 36 WEEKS	1 CREDIT
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PREREQUISITE: *ALGEBRA 1*

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.

HONORS GEOMETRY	GRADE 8-11	LENGTH 36 WEEKS	1 CREDIT
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PREREQUISITE: *B OR HIGHER IN ALGEBRA I OR HONORS ALGEBRA I*

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.

ALGEBRA II	GRADE 9-12	LENGTH 36 WEEKS	1 CREDIT
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PREREQUISITE: *GEOMETRY*

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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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PREREQUISITE: *ALGEBRA I & GEOMETRY*

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.

STATISTICS	GRADE 10-12	LENGTH 36 WEEKS	1 CREDIT
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PREREQUISITE: *ALGEBRA II AND/OR QUANTITATIVE REASONING*

This course is designed to take a look into statistics with emphasis to 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 or AP STATISTICS

LCCC MATH 168 / BGSU 1150	GRADE 10-12	LENGTH 18-36 WEEKS	1 CREDIT
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PREREQUISITE: *LCCC or BGSU ACCEPTANCE; TEST COLLEGE-READY IN MATH or 3.0 GPA*

Science

PHYSICAL SCIENCE

GRADE 9

LENGTH 36 WEEKS

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 36 WEEKS

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 36 WEEKS

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 36 WEEKS

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 36 WEEKS

1 CREDIT

PREREQUISITE: *PHYSICAL SCIENCE & BIOLOGY*

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 36 WEEKS

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 18 WEEKS

.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.



FORENSICS INVESTIGATIONS

GRADE 11-12

LENGTH 18 WEEKS

.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.



PHYSICS

GRADE 11-12

LENGTH 36 WEEKS

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 18 WEEKS

.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 18 WEEKS

.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 18 WEEKS

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 18 WEEKS

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 18 WEEKS .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.



INTRO TO HUMAN PHYSIOLOGY GRADE 11-12 LENGTH 18 WEEKS .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.



ASTRONOMY* GRADE 11-12 LENGTH 36 WEEKS 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.

Recommended 5-Year Course Schedule

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	
Grade 11	Honors Chemistry	Chemistry	Forensic Law & Forensic Investigation Or Applied Physics Of Motion & Applied Physics Forces	<ul style="list-style-type: none"> • Applied Physics Motion • Applied Physics Forces • Astronomy • Forensic Law • Forensic Investigation • Intro to Anatomy • Intro to Physiology • CCP Biology • CCP Ecology
Grade 12	Physics Or CCP Biology/ Ecology Or Anatomy/ Physiology	Physics Or Science Elective	Science Elective	<ul style="list-style-type: none"> • Applied Physics Motion • Applied Physics Forces • Astronomy • Forensic Law • Forensic Investigation • Intro to Anatomy • Intro to Physiology • CCP Biology • CCP Ecology

Social Studies



SOCIAL STUDIES I

GRADE 9

LENGTH 36 WEEKS

1 CREDIT

The Social Studies I course will combine US and World Studies from the period of Reconstruction through 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 1945, 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 36 WEEKS

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 36 WEEKS

1 CREDIT

PREREQUISITE: *SOCIAL STUDIES I*

The Social Studies II course will combine U.S. and World Studies from World War Two to present day. The course will examine the History of the United States of America from 1939 through the early 21st Century, while still emphasizing historical analysis of key global events during these years. In preparation for the end of course exam, students will continue their chronological study of American and World studies from previous grades. Students will continue to analyze how the events of yesterday have shaped the nature of the country and world today. This course will continue to build upon the concepts of historical thinking introduced in earlier grades with students locating and analyzing 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 final exam. 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.



HONORS SOCIAL STUDIES II

GRADE 10

LENGTH 36 WEEKS

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 36 WEEKS****1 CREDIT****PREREQUISITE:** *SOCIAL STUDIES II*

This course focuses on US. Government and Politics. The American Government element focuses extensively on the principles of the United States Constitution: popular sovereignty, limited government, separation of powers, checks and balances, judicial review, and federalism. Students will explore the Legislative, Executive, and Judicial branches of the federal government in detail. Also, students will learn about enlightenment era influences on the American democracy, as well as explore ways that citizens play a critical role in government such as voting, political party membership, and involvement in interest groups. A survey of comparative political systems and state and local government are also featured. This course will involve a midterm and final exam. There is also a required American Government end-of-course exam issued by the state of Ohio. Students earning a proficient score on both this test and the American History exam taken sophomore year will earn the Citizenship Seal on their diploma for graduation.



HONORS SOCIAL STUDIES III**GRADE 11****LENGTH 36 WEEKS****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 18 WEEKS****.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 18 WEEKS****.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 8-10****LENGTH 18 WEEKS****.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 18 WEEKS

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 18 WEEKS

1 CREDIT

PREREQUISITE: *LCCC ACCEPTANCE*

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 18 WEEKS

.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 36 WEEKS

1 CREDIT

Students in this course will study the 21st 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 21st century world.

PSYCHOLOGY I

GRADE 11-12

LENGTH 18 WEEKS

.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 a 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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 18 WEEKS	.5 CREDIT
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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 LEADERSHIP	GRADE 11-12	LENGTH 36 WEEKS	1 CREDIT
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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 36 WEEKS 1 CREDIT

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.

MILITARY HISTORY GRADE 8-9 LENGTH 18 WEEKS .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.

CCP PSYCHOLOGY GRADE 11-12 LENGTH 18 WEEKS 1 CREDIT
LCCC PSYH 151

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.

Recommended 5-Year Course Schedule

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 style="list-style-type: none"> Contemporary National Government & Global Affairs
Grade 9	Honors Social Studies I	Social Studies I	Social Studies I	<ul style="list-style-type: none"> Sports History Contemporary National Government & Global Affairs
Grade 10	Honors Social Studies II	Social Studies II	Social Studies II	<ul style="list-style-type: none"> History and Film Sports History Contemporary National Government & Global Affairs
Grade 11	Honors Social Studies III Financial Literacy	Social Studies III Financial Literacy	Social Studies III Financial Literacy	<ul style="list-style-type: none"> History and Film Sports History Modern Global Studies Psychology Sociology CCP History CCP Psychology Abnormal Psychology Peer Leadership Junior Achievement/Business Economics
Grade 12	Psychology Sociology Modern Global Studies CCP US History	Psychology Sociology	Social Studies Elective	<ul style="list-style-type: none"> History and Film Sports History Modern Global Studies Psychology Sociology CCP US History CCP Psychology Abnormal Psychology Peer Leadership Junior Achievement/Business Economics

STEM Electives

(Science, Technology, Engineering, and Math)

ROBOTICS I

GRADE 9-12

LENGTH 18 WEEKS

.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 18 WEEKS

.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 36 WEEKS

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 36 WEEKS

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 36 WEEKS

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.



FRENCH III	GRADE 11-12	LENGTH 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 36 WEEKS	1 CREDIT
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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 style="list-style-type: none"> English 8 or Honors English 8 Math (options listed) <ul style="list-style-type: none"> Pre-Algebra Algebra I - 1 high school credit Honors Algebra 1 - 1 high school credit (page 32) Geometry - 1 high school credit Honors Geometry - 1 high school credit (page 32) Physical Education Social Studies 8 or Honors Social Studies 8 Science 8 or Honors Science 8 Career Connections 	<ul style="list-style-type: none"> Concert Choir 8 (page 30) Contemporary National & Global Affairs 8 (page 39) Grit 8 Health - .5 high school credit Introduction to Ag Intro to Piano 8 (page 31) Intro to Guitar 8 (page 31) Marching Band 8 (page 30) Military History 8 (page 42) Mixed Media 8 (page 29) Introduction to Robotics

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

Grade 8 Course Descriptions

ENGLISH 8

LENGTH 36 WEEKS

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 36 WEEKS

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.

PRE-ALGEBRA (MATHEMATICS 8)**LENGTH 36 WEEKS**

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 36 WEEKS**

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 combines 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.

HONORS SCIENCE 8**LENGTH 36 WEEKS**

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 combines 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 36 WEEKS**

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**LENGTH 36 WEEKS**

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.

CAREER CONNECTIONS**GRADE 8****LENGTH 18 WEEKS**

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**GRADE 8****LENGTH 18-36 WEEKS**

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**GRADE 8-10****LENGTH 18 WEEKS****.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.

INTRODUCTION TO AG**GRADE 8****LENGTH 18 WEEKS**

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**GRADE 8****LENGTH 18 WEEKS**

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.

PHYSICAL EDUCATION**GRADE 8****LENGTH 18 WEEKS**

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. All students take this course for high school credit; the final grade will be included on a student's permanent transcript.