

WESTLAKE HIGH SCHOOL

COURSE CATALOG
2025- 2026

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Educate for Excellence

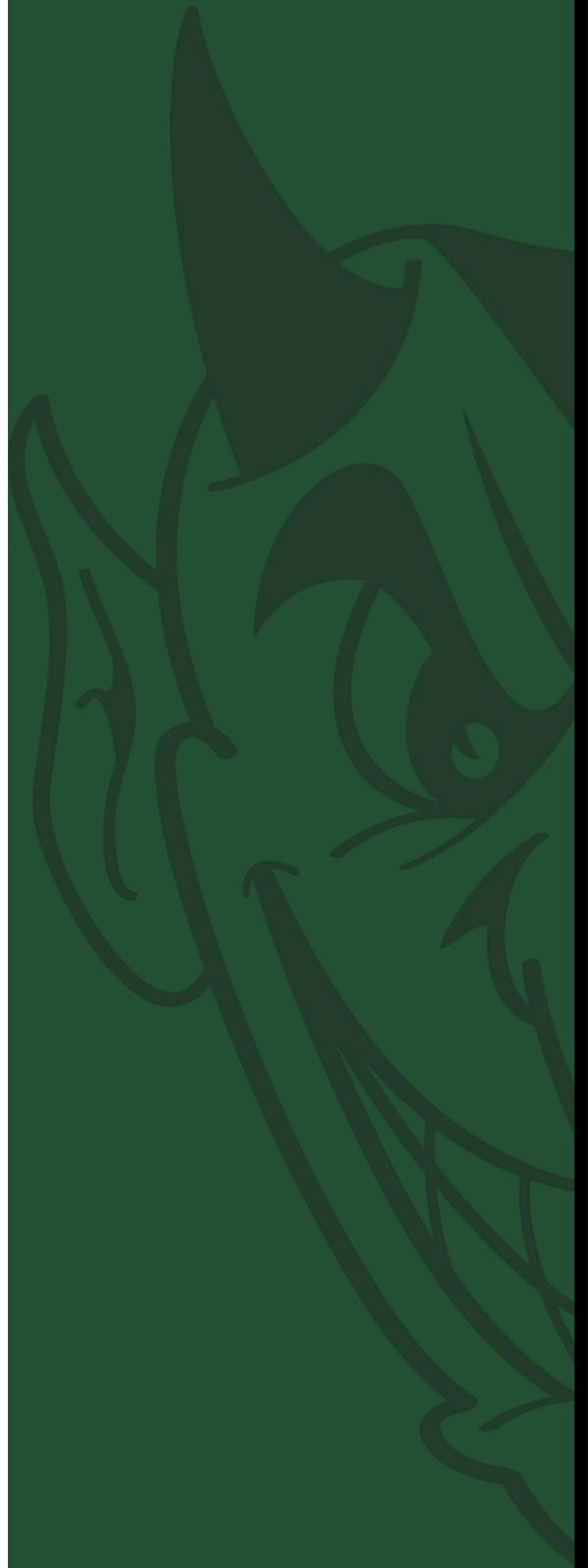


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MISSION STATEMENT

We Educate for Excellence...

Empowering all students to achieve their educational goals, to direct their lives, and to contribute to society.

VISION STATEMENT

The Westlake City School District will provide a dynamic, student-centered, 21st Century learning environment. Our district will be characterized by high achievement, actively engaged learners, mutual respect, shared knowledge, pursuit of new skills and capabilities, collaborative learning, willingness to take action, a team commitment to data-driven continuous improvement, and tangible results.

Board of Education

Mr. John Finucane

Mr. Joseph Kraft

Mr. Brad Lamb

Mrs. Barbara Leszynski

Mrs. Liz Pirnat

Central Administration (440-871-7300)

Dr. Scott Goggin, Superintendent

Mr. David Kocevar, Director of Business Affairs

Mrs. Amanda Musselman, Associate Superintendent of Instruction

Mr. Paul Wilson, Director of Secondary Education

Mrs. Jane Perry, Director of Student Services

Westlake High School (440-835-6352)

Mr. Rob Woods, Principal

Mr. Cory Rojeck, Assistant Principal (Grades 9-10)

Mrs. Brittany Meczka, Assistant Principal (Grades 11-12)

School Counselors (440-835-6375)

Mr. Terry Kennedy (A-D)

Mrs. Chelsea Litten (E-K)

Ms. Katie Manilla (L-Ri)

Ms. Alyssa Schwedt (Ro-Z)

INTRODUCTION

Dear Parents and Students,

The Course Catalog is created by the high school faculty and published by the Westlake Board of Education. This publication contains descriptions of Westlake High School courses as well as courses available to our students through the Lakewood West Shore Career Technical District and Cuyahoga Community College.

The purpose of the Course Catalog is to inform the students about course offerings needed to successfully meet the graduation requirements of the Westlake Board of Education. Graduation requirements frequently change with Ohio Department of Education changes, so it is important to review the graduation requirement information contained in this document to inform your course selection process.

During our scheduling process in the spring, teachers and counselors working in concert with parents and students will help develop the best academic schedule possible for each student attending Westlake High School.

Some important notes to consider when completing the scheduling process:

- Some courses are weighted differently than others.
- Some courses are required, meaning the student must take and pass them.
- Some courses are electives, meaning the student may choose to take them.
- 9th, 10th, and 11th graders must take a minimum load equaling 6 credits per year.
- 12th graders must take a minimum load equaling 5.5 credits in their senior year.
- All students must be enrolled in 4 credits worth of core classes.

In an effort to constantly expand the depth of our curricular options at Westlake High School we are excited to announce the following additional courses offered next year:

- AP Psychology
- Advanced Topics in Computer Science
- Abstract Painting
- Evolution of the Animal Kingdom
- Forensic Science

Counselors will be holding class meetings to explain to students the scheduling process and discuss graduation requirements and potential schedules. Students will register for classes through their PowerSchool accounts under the direction of the counseling department.

The Course Catalog is a valuable document that should allow students to engage in courses that provide a strong foundation for their college and career pathways. Take time to explore our offerings and build a developed plan to learn more about what interests you as a student.

Demon Proud,



Rob Woods
Principal

PLANNING & POLICIES

HOW TO PLAN YOUR PROGRAM OF STUDIES

Students are encouraged to carefully plan a program of studies that will assist them in reaching their educational and career goals. The college preparatory program outlined on the following pages is designed to guide students in selecting the subjects that will lead them toward achieving their goals.

It is important that students select courses to fit their career plans. It is suggested that students:

- Review all the curricular requirements for graduation.
- Read the information presented about each department.
- Complete the course planner, paying particular attention to graduation requirements and career goals.
- Know and understand the recommended college preparatory curriculum.
- Consider the curricular and other requirements for your desired Honors Diploma.

CURRICULAR REQUIREMENTS FOR GRADUATION

Students in grades 9, 10 and 11 must take a minimum of 6.0 credits per year. Students who have 12th grade standing must take a minimum of 5.5 credits in their senior year.

All students grade 9-12 are required to enroll in four credits of core courses per year. Core is defined as English, Math, Science, Social Studies, and World Language.

This rule may be waived due to the special circumstances of a student's academic program.

SCHEDULE CHANGES

Planning a schedule for the next school year is a difficult task. These schedule changes have a serious effect on class size, teacher assignments and the overall master schedule. The student and parent are urged not to plan a program with the idea that it can be changed.

As of June 1, no changes will occur unless:

1. There is a technical error in the scheduling process.
2. The student is academically misplaced as determined by the classroom teacher.
3. There is a scheduling conflict.

***It is the student and parent's responsibility to understand the graduation requirements.
Should you have any questions please reach out to the school counselor.***

GRADUATION REQUIREMENTS

MINIMUM CREDIT REQUIREMENTS

Total Credits Required for Graduation: 23 Credits

All students are required to enroll in four credits of core courses per year, plus two credits of electives (1.5 for 12th graders). Core is defined as English, Math, Science, Social Studies, and World Language.

ENGLISH	4 Credits
MATH	4 Credits Including Algebra I, Geometry and Algebra II
SCIENCE	3 Credits Including a Physical Science, Biology and Advanced Science
SOCIAL STUDIES	3 Credits Including World History, American History, Government and Economics
HEALTH	½ Credit
PHYSICAL EDUCATION	1 Credit Choose from any PE classes (Waiver available for students in OHSAA Sponsored Athletics, Marching Band including Debonaires/Demonettes, and Show Choir)
FINANCIAL LITERACY	½ Credit
FINE ARTS	1 Credit Art or Music
TECHNOLOGY	½ Credit
ELECTIVES	5.5 Credits (6.5 Credits if using the PE Waiver)

PE WAIVER

Students have the opportunity to exempt the Physical Education (PE) graduation requirement by completing two full seasons of interscholastic athletics (including cheerleading), marching band (including Debonnaires and Demonettes) or show choir at Westlake High School. Students who select this option will not receive academic credit for the exemption. Instead, students will have the opportunity to add an elective in place of the PE requirement.

In order to complete the exemption, this form must be completed and be on file in the high school counseling office. The PE Waiver Form can be found on the WHS website. If this form is not completed, we will assume your student will complete the PE requirement during the school year. Please note: The form only needs to be submitted once; if the intended sport/season changes after you submit the form, please notify your counselor.

Students must maintain academic eligibility and finish each season in good standing in order to complete the waiver. A student who quits or is dismissed from the team will be ineligible to earn the waiver for that season. This includes dismissal for violating team, athletic department, or school rules.

DETERMINING TRANSFER CREDITS FOR NEW TO DISTRICT STUDENTS

After registration, students will meet with their assigned counselor to review middle school and high school coursework, high school transcripts, report cards and assessment data to ensure proper placement.

All credits awarded by an accredited school that meet the Ohio requirements will be accepted as transfer credits. Please be advised – the number of credits required for graduation will be adjusted proportionately only to reflect high school transcript credits. In some cases, a math or science placement test and an end-of-course exam may be required.

Grading systems and course offerings vary from school to school. Grades will be issued according to the grading scale used at the sending school.

STATE GRADUATION REQUIREMENTS: DEMONSTRATING COMPETENCY

Students must earn a minimum score of 684 on the Ohio End-Of-Course Test in Algebra I and English Language Arts II. Students who do not earn this score will be offered additional support and must retake the exam. If a student is unable to achieve this score, they can demonstrate competency through the following alternative ways: Career Readiness through two career focused activities; Enlist in the Military; Complete College Coursework; or obtain Remediation Free Scores on the ACT or SAT.

STATE GRADUATION REQUIREMENTS: DEMONSTRATING READINESS

In addition to fulfilling curriculum requirements and meeting the competency requirements listed above, students also must show they are prepared for their next steps after high school. State law created 12 diploma seals for students to demonstrate academic, technical and professional readiness for careers, college, the military or self-sustaining professions. Each seal allows students to demonstrate knowledge and skills essential for future success in their chosen post-high school paths. Students will demonstrate readiness by earning at least two diploma seals, one of which must be state defined. Seals help students develop an array of critical skills that are valuable to them as they transition to the next steps after high school.

STATE GRADUATION SEALS

OHIOMEANSJOBS READINESS SEAL	<p>Students will earn the OhioMeansJobs-Readiness Seal by satisfying each of the following:</p> <ul style="list-style-type: none"> • Demonstrate proficiency in each of 14 identified professional skills; • Use the OhioMeansJobs-Readiness Seal form to record demonstration of each professional skill; and • Work with a mentor to validate demonstration of each skill across a minimum of two of the three environments. The three potential environments are: 1. School, 2. Work, and 3. Community.
INDUSTRY- RECOGNIZED CREDENTIAL SEAL	<p>To earn Ohio’s Industry-Recognized Credential Seal, students must do one of the following:</p> <ul style="list-style-type: none"> • Earn a 12-point industry-recognized credential; or • Earn a group of credentials totaling 12 points in a single career field – as outlined here; or • Obtain a state-issued license for a practice in a vocation that requires an examination
COLLEGE-READY SEAL	<p>To earn the College and Career Readiness Seal, students must earn remediation-free scores on the ACT or SAT.</p>
CITIZENSHIP SEAL	<p>To earn Ohio’s Citizenship Seal, students must satisfy one of the listed American History options and one of the listed American Government options:</p> <p>American History options:</p> <ul style="list-style-type: none"> • Earn a final course grade that is equivalent to a “B” or higher in an American History course • Earn a score of proficient or higher on Ohio’s State Test in American History • Earn a score equivalent to proficient on an appropriate Advanced Placement in US History • Earn a “B” or higher in appropriate American History College Credit Plus course. <p>American Government options:</p> <ul style="list-style-type: none"> • Earn a final course grade that is equivalent to a “B” or higher in an American Government course • Earn a score of proficient or higher on Ohio’s State Test in American Government • Earn a score equivalent to proficient on an appropriate Advanced Placement test in US Government • Earn a “B” or higher in appropriate American Government College Credit Plus course
HONORS DIPLOMA SEAL	<p>To receive the Honors Seal, students must earn one of five honors diplomas outlined below:</p> <ul style="list-style-type: none"> • Academic Honors Diploma. • Career-Tech Honors Diploma. • STEM Honors Diploma. • Arts Honors Diploma. • Civics and Social Sciences Honors Diploma.
TECHNOLOGY SEAL	<p>To earn Ohio’s Technology Seal, students must satisfy at least one of the requirements below:</p> <ul style="list-style-type: none"> • Earn a score equivalent to proficient on an appropriate Advanced Placement test; or • Earn a “B” or higher in an appropriate College Credit Plus technology course; or • Complete a technology course.
SCIENCE SEAL	<p>To earn Ohio’s Science Seal, students must satisfy at least one of the following:</p> <ul style="list-style-type: none"> • Earn a final course grade that is equivalent to a “B” or higher in an Advanced Science course; • Earn a score of proficient on Ohio’s State Test in Biology; • Earn a score equivalent to proficient on an appropriate Advanced Placement science test; or • Earn a “B” or higher in a College Credit Plus science course.
MILITARY ENLISTMENT SEAL	<p>To earn Ohio’s Military Enlistment Seal, students must show evidence of enlistment in a branch of the armed services.</p>
BILITERACY SEAL	<p>To earn Ohio’s Biliteracy Seal, students must meet the <u>requirements and criteria</u>, including proficiency requirements on assessments in a world language and English.</p>

LOCAL GRADUATION SEALS

COMMUNITY SERVICE SEAL

Students must complete **5 service-learning hours each academic year, reaching a total of 20 hours** by the conclusion of their senior year. Students will need to submit these hours to the school as specified by the Counseling Department. Students new to the district who enter the high school after the start of freshman year will have the number of hours required for graduation prorated accordingly.

FINE AND PERFORMING ARTS SEAL

A student must earn **two high school credits of Fine and Performing Arts courses** (visual arts or music) and earn a cumulative unweighted 2.5 GPA in those courses.

STUDENT ENGAGEMENT SEAL

A student must participate in **two seasons (fall, winter or spring) in a freshman, junior varsity or varsity level sports OR participate in one extracurricular club or activity for two years** listed on the approved list outlined below. Students must meet participation criteria and have the advisor or coach verify participation. Students are responsible for notifying advisors or coaches of their intent to earn this seal and determine the club's definition of "actively engaged".

Approved Clubs and Activities to earn Student Engagement Seal

Academic Challenge	French Club
ADAPT	Green & White Newspaper
Arabic Culture Club	Key Club
Art Club	Latin Club
Asian American Club	Model UN
Band	National Art Honor Society
Best Buddies	National English Honor Society
Business Club	National French Honor Society
Cheerleading	National French Honor Society
Chess Club	National Honor Society
Choir	Premedical Club
Computer Club	Project Support
Crochet Club	Science Olympiad
Dance Team	Ski Club
Debonaires	Spanish National Honor Society
Demonettes	Student Council
Demon Drama Club	Tech Mates
Environmental Club	WHBS
	Yearbook

Approved Extracurricular Activities to earn a Student Engagement Seal

<u>Fall</u>	<u>Winter</u>	<u>Spring</u>
Cross Country	Basketball	Lacrosse
Golf	Swimming	Track
Soccer	Bowling	Baseball
Football	Gymnastics	Tennis
Volleyball	Hockey	Softball
	Wrestling	

HONORS DIPLOMAS

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements set forth by the Westlake Board of Education and the State of Ohio. Students have the opportunity to earn one Honors Diploma.

STUDENTS MUST MEET ALL BUT ONE REQUIREMENT TO BE ELIGIBLE FOR ANY HONORS DIPLOMA

ACADEMIC HONORS DIPLOMA	
MATHEMATICS	<p>4 Credits</p> <p>Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other additional course.</p>
SCIENCE	<p>4 Credits</p> <p>Including two credits of Advanced Science</p>
SOCIAL STUDIES	<p>4 Credits</p>
WORLD LANGUAGES	<p>3 Credits of one world language or no less than 2 Credits of each of two world languages studied</p>
GRADE POINT AVERAGE	<p>3.5 on a 4.0 scale unweighted</p>
ACT/SAT SCORE [EXCLUDING SCORES FROM THE WRITING SECTIONS]	<p>ACT: 27 or higher SAT: 1280 or higher</p> <p><i>Students can use a superscore on the ACT or SAT to meet the requirement scores.</i></p>
SEAL REQUIREMENT	<p>Earn two additional diploma seals beyond the required two for graduation, not including Honors Diploma Seal</p>
EXPERIENTIAL LEARNING	<p>Students can earn the Experiential Learning option by meeting one of the following options:</p> <p>Field Experience: To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student’s program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.</p> <p>Portfolio: Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.</p> <p>OhioMeansJobs Readiness Seal: To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a</p>

student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned.

Work-based Learning: Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Academic Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to the Academic Honors diploma.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

CAREER-TECH HONORS DIPLOMA

MATHEMATICS	4 Credits Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other additional course.
CAREER-TECH COURSEWORK	4 Credits of Career-Tech Courses Program must lead to an industry-recognized credential, apprenticeship, or be part of an articulated career pathway which can lead to post-secondary credit.
CAREER-TECH PROFICIENCY	Earn a cumulative score of proficient or higher on the technical assessments aligned to their program <i>Technical assessments may include: WebXam test, industry recognized credentials in lieu of WebXam test, and College Credit Plus Career Technical Education course grades.</i>
WORLD LANGUAGES	2 Credits of one world language
GRADE POINT AVERAGE	3.5 on a 4.0 scale unweighted

<p>ACT/SAT SCORE [EXCLUDING SCORES FROM THE WRITING SECTIONS]</p>	<p>ACT: 27 or higher SAT: 1280 or higher</p> <p><i>Students can use a superscore on the ACT or SAT to meet the requirement scores.</i></p> <p>Workkeys: Earn a score of six or higher on all three sections of the WorkKeys assessment.</p>
<p>INDUSTRY-RECOGNIZED SEAL OR TECHNOLOGY SEAL</p>	<p>Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal</p>
<p>EXPERIENTIAL LEARNING</p>	<p>Students can earn the Experiential Learning option by meeting one of the following options:</p> <p>Field Experience: To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student’s program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.</p> <p>Portfolio: Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.</p> <p>OhioMeansJobs Readiness Seal: To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned.</p> <p>Work-based Learning: Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.</p>

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each diploma* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Career-Tech Honors Diploma and using the pre-apprenticeship option to replace another requirement for the diploma should have a pre-apprenticeship relevant to their career-tech pathway.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

STEM HONORS DIPLOMA

MATHEMATICS	<p>4 Credits</p> <p>Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other additional course.</p>
SCIENCE	<p>4 Credits</p> <p>Including two credits of Advanced Science</p>
ELECTIVES	<p>2 Credits of additional STEM courses as electives</p>
WORLD LANGUAGES	<p>3 Credits of one world language or no less than 2 Credits of each of two world languages studied</p>
GRADE POINT AVERAGE	<p>3.5 on a 4.0 scale unweighted</p>
ACT/SAT SCORE [EXCLUDING SCORES FROM THE WRITING SECTIONS]	<p>ACT: 27 or higher SAT: 1280 or higher</p> <p><i>Students can use a superscore on the ACT or SAT to meet the requirement scores.</i></p>
INDUSTRY-RECOGNIZED SEAL OR TECHNOLOGY SEAL	<p>Meet requirements to earn the Industry Recognized Credential Seal or Technology Seal</p>
EXPERIENTIAL LEARNING	<p>Students can earn the Experiential Learning option by meeting one of the following options:</p> <p>Field Experience: To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student’s program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.</p> <p>Portfolio: Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.</p> <p>OhioMeansJobs Readiness Seal: To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned.</p> <p>Work-based Learning: Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.</p>

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each diploma* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the STEM Honors diploma and using the work-based learning option to replace another requirement for the diploma should have work-based learning relevant to STEM.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

ARTS HONORS DIPLOMA

MATHEMATICS	4 Credits Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other additional course.
FINE ARTS	4 Credits
ELECTIVES	2 Credits of Fine Arts (may overlap with general four credits)
WORLD LANGUAGES	3 Credits of one world language or no less than 2 Credits of each of two world languages studied
GRADE POINT AVERAGE	3.5 on a 4.0 scale unweighted
ACT/SAT SCORE [EXCLUDING SCORES FROM THE WRITING SECTIONS]	ACT: 27 or higher SAT: 1280 or higher <i>Students can use a superscore on the ACT or SAT to meet the requirement scores.</i>
FINE ARTS SEAL	Meet requirements to earn the Fine Arts Seal
EXPERIENTIAL LEARNING	<p>Students can earn the Experiential Learning option by meeting one of the following options:</p> <p>Field Experience: To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student's</p>

program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.

Portfolio: Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.

OhioMeansJobs Readiness Seal: To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned.

Work-based Learning: Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Arts Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to Fine Arts.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

SOCIAL SCIENCE & CIVIC ENGAGEMENT HONORS DIPLOMA

MATHEMATICS	4 Credits Students must take Algebra 1, Geometry, Algebra 2 (or equivalent), and one other additional course.
SOCIAL STUDIES	5 Credits
WORLD LANGUAGES	3 Credits of one world language or no less than 2 Credits of each of two world languages studied

GRADE POINT AVERAGE	3.5 on a 4.0 scale unweighted
ACT/SAT SCORE [EXCLUDING SCORES FROM THE WRITING SECTIONS]	ACT: 27 or higher SAT: 1280 or higher <i>Students can use a superscore on the ACT or SAT to meet the requirement scores.</i>
COMMUNITY SERVICE SEAL	Meet requirements to earn the Community Service Seal
EXPERIENTIAL LEARNING	<p>Students can earn the Experiential Learning option by meeting one of the following options:</p> <p>Field Experience: To fulfill the field experience criterion, a student must complete a learning experience that is pertinent to his or her honors diploma area of focus. Experiential learning is focused on the application of academic and technical skills within a student’s program of study. Experiential learning includes lab-based activities, co-ops, simulated workplace, mentorships, internships, pre-apprenticeships and apprenticeships. Lab-based experiential learning should simulate real-work worksites and expectations. Students should receive regular supervision and follow-up that is documented.</p> <p>Portfolio: Work that is contained in a portfolio documents the student’s extensive knowledge and technical, critical-thinking and creative skills (representative of the student’s honors diploma area of focus) that the student has learned. Students must get their portfolios reviewed and validated by external experts.</p> <p>OhioMeansJobs Readiness Seal: To earn the OhioMeansJobs-Readiness Seal, motivated high school students must demonstrate specific professional skills required for success in the workplace. Students must work with at least three experienced and trusted mentors who validate the demonstration of these skills in school, work or the community. If a student earns the OhioMeansJobs Readiness Seal as a part of their experiential learning requirement, it cannot count as one of their additional seals earned.</p> <p>Work-based Learning: Work-based learning experiences are conducted at a work site during or after school. They are designed to provide authentic learning experiences to students that link academic, technical and professional skills. Business and education partners work together to evaluate and supervise the experience, which must be documented with learning agreements.</p>

STUDENT STRENGTH DEMONSTRATION REPLACEMENT

Students can use the Student Strength Demonstration to replace one of either the ACT/SAT, GPA or World Language requirement for any Honors Diploma. The Student Strength Demonstration options are listed below. The same options exist for each of the six honors diplomas* but, where relevant, should reflect coursework or experiences relevant to the theme of the Diploma. For example, a student earning the Arts Honors Diploma and using the College Credit Plus option to replace another requirement for the diploma should have College Credit Plus courses relevant to Fine Arts.

OPTIONS:

- College Credit Plus: 12 total College Credit Plus credit hours
- Advanced Placement: three courses with score of 3 or higher on AP tests
- Career-Technical Assurance Guide (CTAG): 12 total credits
- Apprenticeship/Pre-Apprenticeship: Completion or Evidence of Acceptance if required to be older than 18
- WorkKeys: Score of 6 or higher on all tests
- Armed Services Vocational Battery: Score of 50 or above on the ASVAB
- Work-Based Learning: 250 total hours of work-based learning

COLLEGE PLANNING

Representatives from various colleges throughout the country come to Westlake High School to inform interested students more about their educational programs. Any junior or senior may attend up to three of the conferences per year. Lists of colleges sending representatives are posted on Naviance. Students should register ahead of time in Naviance. The school counseling department also presents evening programs for both parents and students on such topics as college choice, scholarships, financial aid, college testing and preparing for the college experience.

ADVANCED PLACEMENT COURSES

An Advanced Placement student is academically talented, disciplined, highly motivated and willing to accept the challenges of an honors course. The student must successfully complete prerequisites for the course and maintain a high level of performance. An Advanced Placement student willingly accepts additional responsibilities and commitments. Weighted grades are given to AP courses to compensate for higher expectations.

The AP courses are designed to be the equivalent of a 1st year college course. As such, the curriculum and expectations are of a higher level. Among the Westlake requirements for AP is participation by all students in the national AP exams administered in May. The cost for each AP test is the responsibility of the student/family. Late registration, add or drop fees (per College Board) may apply if applicable.

Exams are given in May on predetermined dates established by the College Board. Advanced Placement courses offered include American History, Art History, Biology, Calculus, Chemistry, Computer Science A, Computer Science Principles, Economics, English Literature, English Language, Environmental Science, European History, French, Government, Latin, Music Theory, Physics, Research, Seminar, Spanish, Statistics, Studio Art, and World History. Students unable to meet the requirements of an Honors/Advanced Placement class will be encouraged to consider enrollment in the appropriate level course.

Students and parents should be very sensitive to the demanding nature of 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 Advanced Placement courses they are capable of successfully completing in their schedule.

AP CAPSTONE

AP Capstone™ is a diploma program from the College Board. It's based on two year-long AP courses: AP Seminar and AP Research. Rather than teaching subject-specific content, these courses develop students' skills in research, analysis, evidence-based arguments, collaboration, writing, and presenting. It prepares students through independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges.

Over the course of the two-year program, students are required to:

- Analyze topics through multiple lenses to construct meaning or gain understanding.
- Plan and conduct a study or investigation.
- Propose solutions to real-world problems.
- Plan and produce communication in various forms.
- Collaborate to solve a problem.
- Integrate, synthesize, and make cross-curricular connections.

In AP Seminar, you'll develop analytic and inquiry skills, exploring two to four issues on themes based on student interests in local and/or civic issues, global or international topics, and concepts from other AP courses.

In AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information.

Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing receive the AP Capstone Diploma™. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams receive the AP Seminar and Research Certificate™.

COLLEGE CREDIT PLUS PARTNERSHIP

Ohio's College Credit Plus (CCP) program allows Ohio high school students to earn college credit and high school graduation credit through the successful completion of college courses. The purpose of the CCP program is to promote rigorous academic pursuits and expose students to options beyond the high school classroom.

Any high school student admitted to an institution of higher education will be required to perform at the same level as the institution's regular students. CCP allows seventh through twelfth graders to take college courses at a college campus or, when available, onsite at their high school. More information can be found at www.ohiohighered.org/ccp and on the High School website under Academics. Interested students must attend a mandatory information meeting in January and must submit the intent to participate form by April 1st for the following school year, including summer term. Exceptions to the due date will only be honored for new to district students.

Westlake City School District works with various Institutes of Higher Education (IHE) but we partner with our local IHE- Cuyahoga Community College. All WHS CCP courses are taught by adjunct professors, including many high school staff members.

Final grades earned in all CCP courses will be posted to the high school transcript and will be included in the calculation of grade point average. Grades for CCP courses not listed in the chart directly below may be weighted only if WHS offers equivalent AP courses.

Ohio Administrative Code 3333-1-65.13 defines underperforming students and establishes regulations for College Credit Plus probation and dismissal from the program. A student is placed on CCP Probation when he or she either: earned lower than a cumulative 2.0 GPA in College Credit Plus courses or withdraws from or receives no credit ("No credit" under this rule has been interpreted to mean a transcript entry of W, NC, or equivalent) for, two or more courses in same term. While on CCP Probation, the student: may only enroll in one College Credit

Plus course for one college term (semester/ quarter) and may not enroll in a college course in the same subject in which the student previously earned a D, F, or received no credit. A student on CCP Probation may appeal the ability to take a course in the same subject in which he or she previously earned a D, F, or received no credit.

A student is placed on CCP Dismissal when the student has failed to increase his or her GPA to 2.0 or above in College Credit Plus courses during the CCP Probation term. When placed on CCP Dismissal, the student may not enroll in any College Credit Plus courses for the following college term. At the end of the dismissal term, the student can request to be reinstated in the program. The student may appeal CCP Dismissal within 5 days of being notified of dismissal status. Within 5 days of being dismissed, the student may submit an appeal to the secondary school to appeal CCP Dismissal. The secondary school shall determine whether the student may continue on CCP Dismissal, move to CCP Probation, or participate without restrictions.

Tri-C CCP Courses	Semester hours/WHS credit (weighted*)
English Composition I ENG 1010	3/1*
English Composition II ENG 1020	3/1*
Psychology PSY 1010	3/1*
Sociology SOC 1010	3/1*
Pre-Calculus MATH 1580	5/1*
Calculus I MATH 1610	5/1*
Elementary Probability and Statistics I MATH 1410	3/1*
Elementary Probability and Statistics II MATH 1420	3/1*
Survey of European Classical Music MUS 1010	3/1*
Principles of Biology BIO 1500	3/1*
Environment, Ecology, and Evolution BIO 1060 + BIO 106L (lab)	4/1.3 with lab*
History of Civilization I HIST 1010	3/1*
History of Civilization II HIST 1020	3/1*
US History to 1877 HIST 1510	3/1*
US History Since 1877 HIST 1520	3/1*
Beginning French I FREN 1010	4/1.3 with language lab*
Beginning French II FREN 1020	4/1.3 with language lab*
Spanish 1011- Beginning Spanish and Culture I	4/1.3 with language lab*
Spanish 1021- Beginning Spanish and Culture II	4/1.3 with language lab*

Note: CCP course descriptions are embedded into each content area credit is awarded.

POSTSECONDARY CREDIT OPPORTUNITIES

At Westlake High School, we are excited to maximize students' postsecondary credit opportunities during high school.

We do this in two different ways:

1. Articulated credit offerings via our Advanced Placement (AP) program. Articulated credit is not recognized on a student's college transcript until that student subsequently enrolls in a college that is authorized to confer the particular credit.
2. Transcribed credit offerings via our College Credit Plus program. Transcribed credit is recognized on the student's college transcript upon successful completion of the college course. The high school student is enrolled at the college at the same time the student is taking the college course.

CREDIT FLEXIBILITY

Ohio's plan for credit flexibility is designed to broaden the scope of curricular options available to students, increase the depth of study possible for a particular subject and allow tailoring of learning time and/or conditions. These are ways in which aspects of learning can be customized around students' interests and needs.

Students may earn credits by:

1. Completing coursework.
2. Testing out of or demonstrating mastery of course content.
3. Pursuing one or more “educational options” (e.g., distance learning, educational travel, independent study, internship, music, arts, after- school/tutorial program, community service or other engagement projects and sports).

Interested students should contact their school counselor for more information application forms, and deadlines. Applications will be accepted September 1st – November 1st (spring semester) and March 1st –May 1st (summer or fall semester).

NCAA ELIGIBILITY STUDENT ATHLETE

Juniors and seniors interested in competing in Division 1 or 2 athletics will need to register online with the NCAA Eligibility Center. In addition, students will need to request a high school transcript in the school counseling office.

NCAA APPROVED COURSES

AP Language & Composition	20 th Century Social History	Algebra I	AP Biology	French I
AP English Literature	American Government	Algebra II	AP Chemistry	French II & II Honors
AP Research	American History	Algebra II Honors	AP Environmental Science	French III & III Honors
CCP ENG 1010	American History Honors	AP Calculus AB	AP Physics	French IV & IV Honors
CCP ENG 1020	AP European History	AP Calculus BC	Biology	French V
Creative Writing	AP Government	AP Statistics	Biology Honors	AP French
Debate	AP Seminar	Calculus	Chemistry	Latin I
English 9	AP US History	CCP Math 1580	Chemistry Honors	Latin II & II Honors
English 9 Honors	AP US Politics and Government	CCP Math 1610	Environmental Science	Latin III & III Honors
English 10	AP World History	Geometry	Human Anatomy and Physiology	Latin IV & IV Honors
English 10 Honors	CCP History 1010	Geometry Honors	Physical Science 9	Latin V
English 11	CCP History 1020	Precalculus	Physical Science 9 Honors	AP Latin
English 11 Honors	CCP History 1510	Precalculus Honors	Physics	Spanish I
English 12	CCP History 1520		Physics Honors	Spanish II & II Honors
Public Speaking	CCP Psych 1010		Space Science and Astronomy	Spanish III & III Honors
AP Research	CCP Sociology 1010			Spanish IV & IV Honors
	Economics			Spanish V
	Global Geography			AP Spanish
	Government			CCP Spanish 1011
	History of Modern Foreign Policy			CCP Spanish 1021
	Law			
	Psychology			
	Sociology			
	World History			
	World History Honors			

AWARDS

NOTE: All senior academic recognition and awards are based upon the first seven semesters of coursework.

Academic Distinction	Any senior who has attained a cumulative weighted grade point average of 3.75 will attain Academic Distinction. This cumulative average will be determined from grades 9-12 including the seventh semester.
Summa Cum Laude	Any student having earned a cumulative weighted GPA of 4.3 or higher will be distinguished as a Summa Cum Laude graduate (with highest honors). This distinction will replace the former recognitions of valedictorian and salutatorian.
President's Award For Educational Excellence	<p>The President's Education Awards Program, established by the U. S. Department of Education, recognizes and honors outstanding educational achievement. As the Nation strives to achieve the eight National Education goals and to provide a world class education for every child, schools need to encourage all students to aspire to the highest educational standards. The President's Education Awards Program rewards students for their academic effort and success.</p> <p>To be eligible for the President's Award for Educational Excellence the student must meet the following criteria:</p> <ol style="list-style-type: none"> 1. Students must have attained a 3.5 unweighted average from 9th grade through the first semester of the 12th grade. 2. In the 11th or 12th grade, they must have received a score at or above the 85th percentile on a nationally recognized standardized achievement test battery. <p>Students receive a certificate signed by the President of the United States.</p>
High Honor Roll, Honor Roll, and Merit Roll	High Honor Roll will be awarded when a student earns a GPA of 4.0 or above for a nine-week grading period. Honor Roll status is awarded when a student earns a grade point average of 3.5 to 3.99 for a nine-week grading period. Merit Roll status is awarded when a student earns a grade point average of 3.00 to 3.49 for a nine-week grading period. All classes count in determining grade point averages. However, if a student receives a "D" or lower or an incomplete for the grading period they will be considered ineligible.

LOCAL SCHOLARSHIPS

Each year the Westlake community graciously awards scholarships to deserving Westlake High School seniors. The application window opens in the spring and scholarships are listed on the school counseling website and the senior class Google Classroom. Winners are announced at the Senior Awards Night in May.

NATIONAL HONOR SOCIETIES

NATIONAL HONOR SOCIETY

The Westlake Chapter of the National Honor Society inducts new junior and senior members in the fall of each year. The basic requirement for an invitation to apply for consideration of participation in the privilege of membership is an unweighted cumulative 3.50 grade point average after four semesters leading up to junior year and six semesters leading up to senior year. Scholastically eligible students must also demonstrate the qualities of character, leadership and service.

NATIONAL ART HONOR SOCIETY

The National Art Honor Society began in 1978, established by the National Art Education Association for the purpose of inspiring and recognizing those high school students who have shown outstanding ability in art. The NAHS strives to aid members in working toward the attainment of the highest potential in art areas and to bring art education to the attention of the school and community.

1. Students become members of a distinguished group of art students nationwide.
2. Students will become eligible to receive awards, grants and scholarships.
3. Participation in the NAHS is a mark of accomplishment in the school and community and is well recognized by the institutions when students apply for entry into college or university.
4. NAHS provides students the opportunity to recognize art proficiency and excellence.
5. NAHS provides enrichment and community service activities.

Selection of Members: The Westlake Chapter selects members in the fall but the formal induction ceremony takes place annually during Fine Arts Week in May. The basic requirement for an invitation to apply for consideration of participation is a cumulative 3.00 grade point average and be of junior or senior standing. Students must have completed a minimum three semesters of art since freshman year. Scholastically eligible students must also demonstrate the qualities of Character, Leadership and Service, while participating in the fine arts. Students may be nominated by teachers, students, parents or self-nomination. Nomination should be brought to the attention of the Art Department Chairman. Selection is determined by review of student application by the art department team of educators. The faculty will assess the applicant's academic record, character, service and leadership activities.

THE NATIONAL ENGLISH HONOR SOCIETY

National English Honor Society is an honorary club that honors juniors and seniors who have achieved highly in the area of English Language Arts and have completed an application for membership after being invited to apply. The club offers opportunities for students to engage in activities promoting the study of literature and literacy throughout the school and community.

Requirements for membership include:

1. Junior or senior academic standing, and successful completion of English 9 and 10
2. Cumulative GPA of 3.75 or higher
3. Completion of an application listing English courses completed and those in which students are currently enrolled, as well as a self-report of grades earned.
4. Composition of a short answer response to the question "How do you plan to continue your studies in English/ Language Arts at Westlake High School."

5. Submission of an essay detailing the impact the study of language arts has had on you or society. Be advised that essay topics may change annually.
6. One-time membership fee due at the time of induction
7. Students selected for NEHS are expected to:
 - a. Participate in one NEHS event or equivalent (e.g., literary magazine, Green and White) each semester.
 - b. Attend at least four meetings per semester (NEHS will meet every other week on Wednesday mornings)
 - c. Maintain school record free from disciplinary actions.

THE NATIONAL SPANISH HONOR SOCIETY

La Sociedad Honoraria Hispánica at Westlake High School recognizes high achievement in Spanish courses. Members of La Sociedad Honoraria Hispánica are expected to demonstrate leadership, character, and advocate for the Spanish Language and Culture.

Requirements include:

1. Weighted overall GPA of 3.5 or higher
2. Must have at least a B+ average in all Spanish courses (including 1st semester of current academic year)
3. Westlake High School Junior or Senior
4. At the time of induction (2nd semester), must be taking Spanish 4 or 4 Honors and planning on enrolling in Spanish 5 or 5AP for the following academic year.

Member selection: Eligible students may apply in the second semester of their junior/ senior year. A formal induction ceremony for new members takes place annually in April.

THE NATIONAL FRENCH HONOR SOCIETY

La Société Nationale de Français at Westlake High School recognizes students who have shown outstanding performance in both French and other academic areas throughout their time in high school. Members are eligible to join their junior or senior year and are invited to apply based on the following criteria:

1. Be a junior or senior in French Level 2 or higher
2. An 'A' average in all French classes awarded high school credit
3. A 'B' average in all other high school courses in the semester of awarded selection, as well as an average cumulative grade of 'B-' in all other work high school credit
4. The completion of an essay on the topic "Pourquoi est-il important d'étudier le français?"
5. One-time membership fee at the time of induction

Students who meet the above eligibility requirements are inducted into the NFHS in the spring semester and are expected to continue with their study of French throughout their remaining time at WHS. Their participation in society events and the promotion of the French language are a vital part of membership both as a student at WHS and a global citizen in today's world.

OHIO SEAL OF BILITERACY

The Seal of Biliteracy recognizes graduating seniors who can demonstrate high levels of proficiency in English and at least one other language. A school or district gives this award by following state-established guidelines. The student must be eligible to earn the high school diploma and meet one criterion from each language.

1. The student has demonstrated a high level of the English language arts proficiency requirements in one of the following ways:
 - a. Earning a proficient level or higher on Ohio's required state tests for high school English language arts I and II.
 - b. Earning a remediation-free score on the English and reading sections of the ACT or SAT.
 - c. Earning a proficient level or higher on an Ohio Department of Education-approved alternative assessment (TerraNova or Iowa Test).
 - d. Earning a score of proficient or higher on the 9-12 Ohio English Language Proficiency Assessment (OELPA).

2. The student has demonstrated a high level of proficiency in a foreign language in one of the following ways:
 - a. Passing an Advanced Placement (AP) foreign language examination with a score of 4 or higher.
 - b. Passing an International Baccalaureate (IB) foreign language examination with a score of 5 or higher on the Higher Level exam or a score of 6 or higher on the Standard Level exam.
 - c. Obtaining a score of Intermediate High or higher in comprehension, speaking, reading and writing the foreign language based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines found at actfl.org/, using assessments approved by the Ohio Department of Education.
 - d. Qualifying for proficiency-based credits through Ohio's credit flexibility program and attained a score of Intermediate High or higher in comprehension, speaking, reading and writing based on the American Council on the Teaching of Foreign Languages Proficiency Guidelines using assessments approved by the Ohio Department of Education.
 - e. Obtaining a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpersonal signing, presentational signing and demonstrating understanding of American Sign Language on an American Sign Language assessment approved by the Ohio Department of Education.

Obtaining a score equivalent to Intermediate High or higher on the American Council on the Teaching of Foreign Languages Proficiency Guidelines in interpretive reading and presentational writing on a classical language assessment approved by the Ohio Department of Education. Testing fee will be required.

WEST SHORE CAREER TECHNICAL PROGRAMS



The West Shore Career-Technical District offers students of varying abilities and career interests a wide spectrum of rewarding, real-world technical education experiences. West Shore programs provide students with hands-on professional training along with high-level academics in new, state-of-the-art classrooms and labs. Students have the opportunity to earn college credit and/or industry credentials at no cost to the home school district, parents, or student. We look forward to serving the students in our district as we prepare them to continue their education and compete in the global marketplace.



For more detailed information click <https://westshore.lakewoodcityschools.org/>

AUTO TECHNOLOGY

The first year of this two-year program is focused on industry standards based on both the State of Ohio and the ASE/NATEF curriculum. Topics covered include shop and safety practices, tools, equipment handling/operation, and basic introduction to servicing a vehicle. Also covered are the following automotive systems: brakes, steering, suspension, electrical, engines, and drivetrain. Classroom lessons correlate with active hands-on lab activities. Students have the opportunity to take student ASE tests and will receive a certificate with a passing grade. During the second year of Automotive Technology, the program follows the same guidelines as year one. Specific areas covered are heating and air conditioning, engine performance, and the transportation capstone. All materials covered from the previous year are continually reinforced.

BUSINESS MANAGEMENT

This two-year program is designed for those students wishing to pursue a career in business. Students will study accounting, management functions, entrepreneurship, marketing, human resources, risk management, and economics. Students will receive the training necessary for passing the Microsoft Office Specialist certifications in Word, Excel, PowerPoint, Access, Outlook, and OneNote. These experiences help develop skills in organization, planning, delegating and supervising. Senior students meeting the requirements will be eligible for internship and early placement during the senior year.

CONSTRUCTION TRADES

This is a two-year program. The junior class will work in the lab at Lakewood High School. Students will focus on new home construction and remodeling. At the completion of the program, successful students will be certified in the core curriculum of NCCER (National Center for Construction and Education Research), with the opportunity to receive additional credentials with the CITF (Carpenter's International Training Fund) Career Connections certifications. The second year of the Construction Trades program is designed to provide skill training in home remodeling and new home construction, with an emphasis on carpentry. In the senior year students will work on construction projects in the West Shore district area.

CULINARY ARTS

Culinary Arts is a two-year curriculum designed for students who wish to pursue a career in the food service/hospitality industry. During year 1, students will learn the fundamentals of food preparation such as: safety, sanitation, knife cuts, stocks, soups, sauces and cooking methods. They will apply plating and presentation principles to deliver attractive menu items, establish food specifications and prep lists, and develop ingredient and portion control guidelines. Students will prepare menu items for the Ranger Cafe, a student run restaurant

that is open to the public. The restaurant provides a realistic hands-on approach to better prepare students for the food service industry. Students are also expected to obtain a job in the food service/hospitality industry and work part-time by the end of their junior year.

EARLY CHILDHOOD EDUCATION

This is a two-year program. Experience an exciting and rewarding opportunity to work with children from infancy to nine years old. Daily hands-on involvement is provided at off-campus sites, which includes working with infants, toddlers, preschool, and kindergarten through third grade. Through the student's hands-on work, they will acquire skills in child and adolescent development, observation and assessment, curriculum and instruction, and classroom management. Prerequisites for the program include a physical exam, a background check, TB test and a pre-enrollment interview.

ELECTRONIC ENGINEERING TECHNOLOGY

Electronic Engineering Technology is a two-year program that will provide students the opportunity to explore the fundamental concepts of electronic engineering. This program provides students with the skills necessary to pursue this as a career after high school or for those students who wish to continue their education, they will have acquired a strong foundation to the engineering fields. During year 1, students will receive instruction in both AC & DC circuits and analog-based electronics. They will experience instruction in both theory and practical applications in the workshop. Students will learn through project-based outcomes. In their second year students will acquire skills in Robotics, Digital Circuitry, Computer Principles, AC & DC theories and circuits, as well as instruction in information transfer and basic amplifiers and speaker operations. Students will have access to a 3D printer, designer software, digital equipment and other electronic simulation software tools. Students will gain experience working with both Analog and Digital Oscilloscopes and other key equipment required of engineering students.

ENGINEERING TECHNOLOGY/PROJECT LEAD THE WAY

Engineering Technology is a 5-course program for students who want to explore careers in the many fields of engineering. FOR Westlake students, ON A 2-YEAR PATHWAY, students must take all five courses during 11th and 12th grade.

HEALTH CAREERS

Health Careers Technology is a two-year program that introduces students to medical careers involving hands-on patient care in a variety of settings including hospitals and nursing homes. The program provides State Tested Nurse Aide training, leading to entry-level employment in the health care field. This program is intended for students who are interested in furthering their education in a medical career. Admission into this program is highly competitive. Students use their training and skills in the clinical setting at a hospital and other facilities in order to gain real experience. In addition, an emphasis on the study of disease, medical terminology and healthcare ethics provides the opportunity to earn college credit.

MEDIA ART & DESIGN

Draw. Animate. Create. Design. This two-year intensive program provides students with the opportunity to learn industry-based computer graphic and text applications such as digital design, digital photography, graphic design, web page design, video editing, page layout, and animation in a lab situation. Students will learn to use various software including Adobe Photoshop, Illustrator, Dreamweaver, InDesign, Flash and Final Cut Pro starting at basic levels and working to achieve professional skills.

MEDICAL OFFICE MANAGEMENT

Students in this two-year program will learn the skills needed to prepare for employment in a healthcare providers' office, clinic or hospital. The typical physician rarely has time to attend to the administrative responsibilities of the office and is turning toward administrative assistants to schedule patients, maintain medical communications, manage financial records and perform front-desk operations. Senior students will be scheduled for internships in the medical office field during year two.

MICRO ELECTROMECHANICAL SYSTEMS (MEMS)

Students in this two-year program will learn the following concepts: an Introduction to Semiconductor Manufacturing, Digital Electronics and Printed Circuit Board Fabrication, Circuit Board Maintenance and Troubleshooting, Systems Maintenance and Industry Integration.

NETWORKING WITH CYBER SECURITY

Developing a solid understanding of technology use and integration is an integral part of college and career readiness. With this in mind, Information and Technology advanced computing skills is an engaging, hands-on learning environment centered on the 4 C's of 21st century learning: critical thinking, communication, collaboration and creativity. Information Technology has opened the doors for many new careers that will be explored in these courses.

SPORTS & EXERCISE SCIENCE

Sports & Exercise Science is a two-year program designed to introduce students to careers in sports science and sports medicine. Through various hands-on activities and lab practicals, students will learn about proper technique for weightlifting & resistance training, athletic taping/wrapping procedures, rehabilitative exercise & intervention, functional and sport-specific movement assessments, and cardiovascular fitness testing protocols. Upon completion, students will earn three college credits for each first-year course and obtain a certification in First Aid/CPR. This program is intended for students who are interested in furthering their education in sports science/sports medicine. Admission into this program is highly competitive.

THEATRE ARTS

This is a 2-year program that will prepare students for careers in various aspects of the dramatic arts. Through dramatic text analysis, criticism, and playwriting, students will learn how theatre is crafted, as well as how it functions as a workplace. They will practice the principle aspects of production design through units focused in stage equipment, scene painting, set construction, lighting and audio operations, costume design, and makeup application. Students will also learn the fundamentals of vocal projection, movement, and emotion and apply these skills to a series of scene studies from dramatic masterpieces. They will then examine program requirements for various college theatre programs and prepare monologues and/or portfolios, create professional resumes, and fine tune their audition and interviewing skills.

WELDING

The Lincoln Electric Education Partner Schools Start (LEEPStart™) Program partners educational institutions' welding technology programs with the National Coalition of Certification Centers (NC3) to offer best-in-class foundational-level welding certifications to prepare students for a career in the modern welding industry. LEEPStart programs provide an introduction to welding skills and concepts combined with core foundational-level welding certifications. LEEPStart, designed for instructors and students at high schools, career, technical, and other educational institutions, offers introductory programs, providing the instructional resources needed as a starting point to promote deeper career exploration.

The first year of this two-year program is focused on industry standards based on the NC3/Lincoln Electric curriculum. Topics covered include Welding Safety, Principles of Welding, Basic Welding Blueprint Reading, Thermal Cutting Processes, SMAW, and GMAW which will involve shop and safety practices, equipment and tool handling operation, and basic introduction to fabrication. Classroom lessons correlate with active “hands-on” lab activities. Students have the opportunity to earn industry credentials.

During the second year of the welding program, we will follow the same guidelines as year one with review in Safety, Thermal Cutting and Blueprint. Specific areas covered are: FCAW and GTAW. Students will have the ability to earn American Welding Society (AWS) Qualifications on each welding process.

SPECIALIZED CAREER-TECHNICAL

Community - Based training where students gain experience in specific work skills and to develop independence and interest areas for future employment.

COURSE DESCRIPTIONS

ART

The Art Department has designed an art curriculum that enables the students to take a wide variety of courses. The art courses are designed to meet the needs, interests and abilities of all students. All art courses cover and emphasize the art creation/production aspect as well as the art response/appreciation aspect. Many Ohio colleges require one credit in the “Arts” for admittance. Fees may be charged for projects beyond the scope of normal material usage.

Courses in this section satisfy the Fine Arts requirement.

ABSTRACT PAINTING

Length: Semester ½ Credit Grades: 9-12

Abstract Painting will allow students to expand their ability to enjoy and respond to abstract art. Students will improve their color skills and learn techniques for composition and improvisation. This course also focuses on creating dynamic color interaction, open strategy, process of working through formal challenges, and self-expression.

ANIMATION

Length: Semester ½ Credit Grades: 9-12

Animation allows students to experiment with different forms of creating motion in art. Stop motion, Claymation, traditional animation and forms of computer animation will be covered. Students will explore ways to create change and evolve forms in their art. Skills in character development, settings and composition will be developed. Storyboarding and sequential art methods will support storytelling through larger animation projects. Students will be introduced to concepts of cartooning and illustration. Access to a point and shoot digital camera is preferred but not required.

ANIMATION II

Prerequisite: Animation

Length: Semester ½ Credit Grades: 10-12

Animation II is a course that allows students to continue to investigate concepts of animation. Additional animation software will be used to develop work. The creation of small, animated films will be the main emphasis for the course.

AP ART AND DESIGN I

Prerequisite: Three Semesters of Art and Teacher Recommendation

Length: Year 1 Credit Grades: 11-12

AP Art and Design I is designed for juniors or seniors who have taken at least three semesters of art. These students will be required to submit one of three AP portfolios: 2-D Design, 3-D Design or Drawing. This course follows the AP guidelines for portfolio preparation. The students will focus on creating a body of work guided by a Sustained Investigation. This course is ideal for students who are highly interested in creating high quality art and are committed to successfully creating portfolio level work. *An AP Exam fee is associated with this course.*

AP ART AND DESIGN II

Prerequisite: AP Art and Design I and Teacher Recommendation

Length: Year

1 Credit

Grades: 12

AP-Art and Design II is designed for seniors who have taken AP Art and Design I and would like to submit a different concentration portfolio. These seniors will be required to submit one of three AP portfolios: 2-D Design, 3-D Design or Drawing. This course follows the AP guidelines for portfolio preparation. The students will focus on three areas of development: quality (works that excel in concept, composition and execution); concentration (a series of works organized around a compelling visual concept); and breadth (works that demonstrate broad experience and accomplishment). Students choose this course because they plan to major or minor in an art related field in college. *An AP Exam fee is associated with this course.*

CERAMICS

Length: Semester

½ Credit

Grades: 9-12

Ceramics provides students an opportunity to learn the fundamentals of clay. The student explores the possibilities and limitations of the clay body through the introduction of hand building techniques and the use of the potter's wheel. Hand building techniques include pinch, coil, slab and sculptural build-up methods. Different glazing and painting techniques will be explored. *A fee is associated with this course.*

CERAMICS AND SCULPTURE II

Prerequisite: Ceramics or Sculpture

Length: Semester

½ Credit

Grades: 9-12

Ceramics and Sculpture II offers the student an opportunity to expand their sculptural skills at a higher level. The students will advance and extend knowledge of art history, aesthetic traditions, technical skills and conceptual approaches to sculpture. The student will develop original, personal content and exhibit work that demonstrates increased craftsmanship, discipline, and originality. Students will work in hand-built methods and the potter's wheel, along with traditional and non-traditional materials. Students will work sculpturally and functionally. *A fee is associated with this course.*

CERAMICS AND SCULPTURE III

Prerequisite: Ceramics and Sculpture II

Length: Semester

½ Credit

Grades: 10-12

Ceramics and Sculpture III combines intermediate and advanced study of all forms of sculpture. Students will explore intermediate and advanced techniques and concepts both directed (through assignments) and independently (through self-directed activity). The course structure is designed to encourage independent thought and investigation and aid in developing your voice as an artist while improving your knowledge and skills with materials and technique, conceptual thinking and visual communication. *A fee is associated with this course.*

DRAWING

Length: Semester

½ Credit

Grades: 9-12

Drawing is the fundamental instrument of all graphic expression and provides a language that is understood universally. Students are introduced to various techniques and approaches applied to drawings including contour line, negative- positive relationships, perspective, value study, surface textures, grid enlargements and human portraits. A variety of media will be experimented with such as pencil, ink, pastel, charcoal and marker. Subject matter includes still life, figures, landscapes, portraiture and non-objective art.

DRAWING/PAINTING II

Prerequisite: Drawing or Painting

Length: Semester

½ Credit

Grades: 10-12

Drawing/Painting II is designed for the student who has taken Drawing or Painting and would like to continue to study within these fields. Exploration of a variety of media will be approached including pastels, charcoal, pencils, ink, watercolor, acrylics and mixed media. Creative self-expression will stem from past knowledge of art elements and principles.

DRAWING/PAINTING III

Prerequisite: Drawing/Painting II

Length: Semester **½ Credit** **Grades:** 10-12

Drawing/Painting III is designed for the student who has taken Drawing/Painting II and would like to continue to study within these fields. Students will revisit a variety of media which includes pastels, charcoal, pencils, ink, watercolor, acrylics and mixed media. Creative self-expression will stem from past knowledge of the art elements and principles. Portfolio preparation will be highlighted.

ILLUSTRATION

Prerequisite: Either Drawing or Animation

Length: Semester **½ Credit** **Grades:** 10-12

Illustration is a course designed to allow students to investigate methods of graphic representation to solve visual problems. Creative problem solving and imagination will be the main focus for developing work for book illustration, graphic novels, images for use in advertising or print, as well as medical or technical illustration. Exploration of a wide variety of media, both traditional as well as computer based, will be an area of focus. Understanding careers in illustration will be considered as part of the creation of projects

ILLUSTRATION II

Prerequisite: Illustration

Length: Semester **½ Credit** **Grades:** 10-12

Illustration II is a course designed to allow students to continue to investigate methods of graphic representation to solve visual problems. Creative problem solving and imagination will be the main focus for developing work for book illustration, graphic novels, images for use in advertising or print, as well as medical or technical illustration. Exploration of a wide variety of media, both traditional as well as computer based, will be an area of focus. Understanding careers in illustration will be considered as part of the creation of projects. A focus on the development of a personal style or voice will be emphasized in this course.

JEWELRY

Length: Semester **½ Credit** **Grades:** 10-12

Jewelry acquaints the students with a variety of jewelry materials and techniques. The students explore the properties of different materials, resin, beading and metal as jewelry media. This course gives students an opportunity to design and construct/solder jewelry pieces such as rings, bracelets, pins, earrings and pendants in sterling silver, copper and brass. Students are required to purchase jewelry supplies including sterling silver. *A fee is associated with this course.*

JEWELRY II

Prerequisite: Jewelry

Length: Semester **½ Credit** **Grades:** 10-12

Jewelry II expands on students' experience of Jewelry. Students will learn additional techniques to construct/solder jewelry pieces. A larger variety of materials will be used including wood, glass, and metals to make rings, bracelets, and necklaces. Focus will be placed on design elements, craftsmanship, and expressive qualities. The major areas of concentration will be construction techniques, form, and creative expression. Students are required to purchase jewelry supplies including sterling silver. *A fee is associated with this course.*

MIXED MEDIA

Length: Semester **½ Credit** **Grades:** 9-12

Students will explore a variety of traditional and non-traditional art mediums. Elements and principles of art will be used to create two dimensional artworks using media like textiles, mosaics, embroidery, photography, wire and more. A range of projects will include realistic, contemporary art, abstraction and self-expression designs.

PAINTING

Prerequisite: Drawing

Length: Semester **½ Credit** **Grades:** 9-12

Painting is designed for the student who wants to explore a variety of painting media. The students are introduced to information and techniques that enable them to achieve more satisfying means of self-expression and better appreciation of the expression of others. Acrylics, watercolors, pastels & mixed media will be introduced.

PHOTOGRAPHY I

Length: Semester **½ Credit** **Grades:** 9-12

Photography I is an introductory course to the basics of digital photography. Students will learn to take photos that focus on technical and aesthetic aspects of photography while learning how to capture great composition. Students will learn how to use Photoshop for basic edition and preparation for post-production. Creative visual communication will be an integral part of this class. Students must have may use a digital camera or cell phone, and have access to a USB.

PHOTOGRAPHY II

Prerequisite: Photography I

Length: Semester **½ Credit** **Grades:** 10-12

Photography II is a continuation of Photography I. This course offers further exploration of photographic techniques with a greater emphasis on the creative aspects of the medium. Students will work with their own digital photos along with Photoshop to manipulate images and create artwork on the computer. The use of problem solving and conceptual thinking will be a foundation of self-expression throughout projects. A 35mm camera is recommended. Students may use a digital camera or cell phone, and have access to a USB.

PHOTOGRAPHY III

Prerequisite: Photography II

Length: Semester **½ Credit** **Grades:** 10-12

Photography III is a continuation of Photography II. This course is designed to give students experiences with the creative and technical aspects of photography. There will be a main focus on going deeper, moving from the simple understanding of “making a picture” to something more personal, serious and lasting. Observation with heightened skills and intention allows students to take photos, make prints and create a coherent body of work and a portfolio. Students may use a digital camera or cell phone, and have access to a USB.

POTTER’S WHEEL

Prerequisite: Ceramics

Length: Semester **½ Credit** **Grades:** 10-12

This course teaches students the fundamental wheel-working skills used for shaping clay. Students practice using the potter's wheel and begin throwing basic forms, such as bowls and mugs. They also learn how the firing process impacts the form and aesthetics of a ceramic piece, as well as how to incorporate decorations and embellishments. *A fee is associated with this course.*

POTTER’S WHEEL II

Prerequisite: Potter’s Wheel I

Length: Semester **½ Credit** **Grades:** 10-12

Students will continue to develop their skills on the Potter’s Wheel. The course will focus on throwing larger forms, unified forms, and the exploration of attaching thrown pieces together. Students will continue to explore glazing and decoration processes. *A fee is associated with this course.*

SCULPTURE

Length: Semester

½ Credit

Grades: 9-12

In Sculpture, students explore three-dimensional form in traditional and nontraditional materials which could include wood, plaster, paper, clay, cloth and stone. The student will study form, volume, texture, and space relationships through the exploration of decorative and conceptual approaches to sculpture. Students learn how to manipulate these materials and use sculpting tools safely. They consider volume, weight, color, form, and texture while creating contemporary pieces. They will analyze other works of sculpture through reading, discussion and critique and examine geometric, abstract and organic forms. *A fee is associated with this course.*

YEARBOOK

Length: Year

½ Flex Credit

Grades: 9-12

This course is designed to develop students' skills in yearbook production. Students learn basic principles of yearbook production and develop skills that include writing copy, captions and headlines; digital photography; desktop publishing and using appropriate technology tools for media production. This is a credit flex course that meets outside of the school day.

BUSINESS

Today we live in an advanced and highly technological society. More than ever before, the study of business and its economic environment is essential for all our students. Also, because of technology, students' high school education would not be complete without some understanding of computer applications. For these reasons, students should consider the following courses:

ACCOUNTING I

Length: Semester ½ Credit Grades: 9-12

Students will learn about the language of business through this step-by-step discussion of the accounting cycle within a service-oriented business. Topics of discussion will include business ethics, accounting concepts and principles, Generally Accepted Accounting Principles (GAAP), the accounting equation, journalizing transactions into a general journal, posting into a ledger, cash control systems, developing a worksheet, creation of financial statements and adjusting/closing entries. Students will utilize Google Sheets to complete assignments.

ACCOUNTING II

Prerequisite: Accounting I

Length: Semester ½ Credit Grades: 9-12

Students will expand upon their knowledge of Accounting I by discussing special journals, cash payments, cash receipts, subsidiary ledgers, payroll tax accounting, depreciation methods, inventory methods, worksheets, financial statements and adjusting/closing entries within a departmentalized, merchandising business. Partnership and corporate accounting methods will also be discussed within each of these topics. Students will generate information within their workbooks and through their use of computerized accounting software. Students will complete an accounting simulation that summarizes the concepts discussed in class.

BUSINESS LAW

Length: Semester ½ Credit Grades: 9-12

Students enrolled in Business Law are introduced to the federal and state court systems and how they affect business operations and regulations. During this semester course, students will discuss and interpret case studies that center on contractual law, credit & bankruptcy, estate planning, negotiable instruments, consumer protection (federal and state), and employment law. This course should appeal to both business and nonbusiness majors because of the practical implications for personal use. Emphasis is placed on introducing students to various careers in the legal field.

BUSINESS PRINCIPLES AND MANAGEMENT

Length: Semester ½ Credit Grades: 9-12

Students enrolled in Business Principles and Management will learn how the concepts of accounting, advertising, business law, finance, management information systems and marketing tie into the development and operations of a business. Students will discuss and analyze how different management theories affect the different levels of the organization from an operational point-of-view. Students will also discuss how these areas affect the time and financial management aspects of the business through the analysis of case studies and projects.

ENTREPRENEURSHIP

Length: Semester ½ Credit Grades: 9-12

This course is designed to provide an overview of entrepreneurship and discuss how it is conceptualized in different forms of business. Students will study how forecasting and budgeting (accounting), raising capital, financing, human resource management, technology, financing, marketing and business law affect the entrepreneurship framework, as well as how the consumer side of the equation influences the buying decisions being made. As part of the Believe in Ohio (BIO) program, students will have the opportunity to develop a business plan and compete against students within class and Northeast Ohio.

SPORTS AND ENTERTAINMENT MARKETING

Length: Semester

½ Credit

Grades: 9-12

Students enrolled in Sports and Entertainment Marketing will explore and understand the sport and entertainment industry. The course will cover the many facets of each industry including sport/entertainment law and the legal aspects of each activity, sport/entertainment marketing and promotion, the role of ethics in sport/entertainment, the economics and finance of the sport/entertainment industries and the role of sport/entertainment in society. Students will gain exposure to sport/entertainment event management, sport/entertainment-related venue design and operations, management and leadership in sport/entertainment organizations and media relations.

ENGLISH

The skills of reading, writing, listening, speaking and visual literacy are necessary for effective comprehension and communication. These skills are integrated in all English courses in relation to the ability level of the learner through genres of literature, the writing process, vocabulary development, speech, grammar and usage. Preparation for reading, writing and verbal sections of standardized tests are also emphasized in the English program. Students may be required to purchase selected paperbacks and workbooks.



ENGLISH DEPARTMENT

RECOMMENDED COURSE SEQUENCE

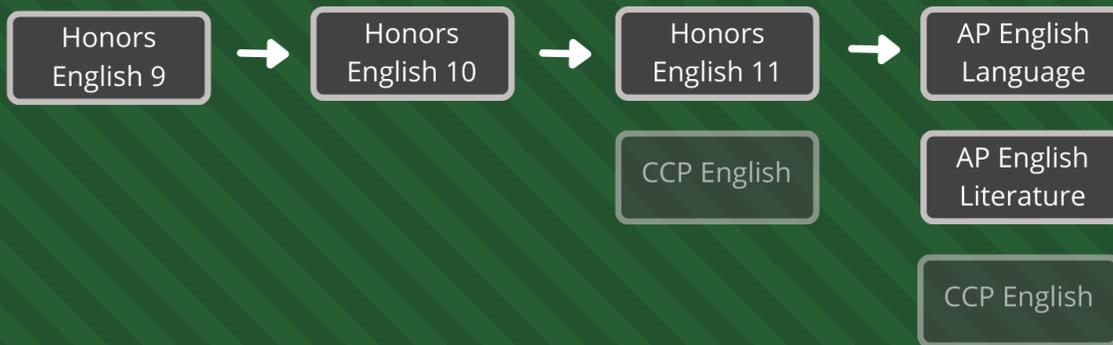


*STANDARD PATHWAYS ARE MARKED WITH ARROWS.
ALTERNATIVE OPTIONS ARE SHADED.

9TH GRADE 10TH GRADE 11TH GRADE 12TH GRADE



Acting Workshop / AP Research (11-12) / Creative Writing / Debate
 Filmmaking (10-12) / Film Studies (11-12) / Public Speaking
 Shakespeare Set Free / Sports Journalism / Video Production I
 Video Production II (10-12) / Web and Print Journalism



Acting Workshop / AP Research (11-12) / Creative Writing / Debate
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AP LANGUAGE AND COMPOSITION

Prerequisite: English II Honors and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 12

AP English Language and Composition is a college level English course focused on developing skills in close reading, effective writing and critical thinking as students read nonfiction and some fiction texts. The course emphasizes the techniques and tools of classical rhetoric required to analyze difficult texts. In both whole class and small group discussion, students will focus on how writers and speakers achieve their purpose and communicate this purpose to an audience. Further, these texts will serve as models for students who will write frequently with an emphasis on analytical, argument and personal reflection forms. Its rigor is designed to meet the challenges of the required Advanced Placement exam given in May. *An AP Exam fee is associated with this course.*

AP ENGLISH LITERATURE AND COMPOSITION

Prerequisite: English II Honors and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 12

Advanced Placement English Literature and Composition is a college level English course. The focus is on close, critical reading of poetry, drama, prose fiction and expository literature from the sixteenth century to the present. Critical discussion and writing about these works will center on each writer's technique, theme, style and tone. The overarching goal of A.P. Lit. is to develop mature habits of critical thinking as an independent reader and writer of literature. A.P. Lit. is both demanding and intellectually stimulating. Classroom discussion and active participation are vital and serve as a means of testing ideas. Meeting all course goals will ensure preparedness for the required Advanced Placement exam given in May. *An AP Exam fee is associated with this course.*

ENGLISH 9

Length: Year **1 Credit** **Grades:** 9

English 9 helps students to develop skills in reading, writing, speaking and listening through a traditional approach. Students will read a variety of works within the genres of mythology, short stories, drama, poetry and the novel. Writing will focus on expository, narrative, creative, persuasive and research writing. The course will provide special focus on grammar, mechanics and usage. Students will continue Membean, the online, personalized vocabulary program begun in middle school. *A fee is associated with this course.*

ENGLISH 9 HONORS

Prerequisite: Teacher Recommendation

Length: Year **1 Credit** **Grades:** 9

Students in English 9 Honors should exhibit strong verbal ability, excellent writing skills, originality, a high reading level, self-motivation and a willingness to be involved in class discussion. Students will read a variety of works within the genres of mythology, short stories, drama, poetry and the novel. Writing will focus on expository, narrative, creative, persuasive and research. The course will cover advanced study in grammar, mechanics and usage. Students will continue Membean, the online, personalized vocabulary program begun in middle school. Summer reading is required. *A fee is associated with this course.*

ENGLISH 10

Length: Year **1 Credit** **Grades:** 10

English 10 helps students continue to develop skills in reading, writing, listening and speaking through a traditional approach. Students will read a variety of fiction and nonfiction texts, short stories, novels, plays and poems. Students will focus on expository, narrative, creative, persuasive and research writing. The course will continue the study of grammar, mechanics and usage begun in English 9. Students will continue Membean, the online, personalized vocabulary program begun in middle school. *A fee is associated with this course.*

ENGLISH 10 HONORS

Prerequisite: English 9 Honors and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 10

Students in English 10 Honors must possess advanced verbal, writing and reading skills and are expected to be self-directed learners. Students will read a variety of world literature in order to enhance critical and interpretive skills. Writing will focus on expository, narrative, creative, persuasive and research. The course will continue advanced study in grammar, mechanics and usage. Students continue Membean, the online, personalized vocabulary program begun in middle school. Summer reading is required. *A fee is associated with this course.*

ENGLISH 11

Length: Year **1 Credit** **Grades:** 11

English 11 builds upon previous years of the traditional approach to English. Students will read a variety of works related to American literature, including nonfiction texts, short stories, novels, plays and poems. Writing will focus on expository, narrative, creative, persuasive and research. The course will continue the study of grammar, mechanics and usage begun in English 10. Students will progress through a standardized test-specific vocabulary book (e.g. ACT or SAT vocabulary). *A fee is associated with this course.*

ENGLISH 11 HONORS

Prerequisite: English 10 Honors and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 11

Students in English 11 Honors must possess advanced verbal, writing, and reading skills and are expected to be self-directed learners. Students will read a variety of American literature in order to enhance critical and interpretive skills and they will learn to use language with precision. Writing will focus on literary analysis, research and other forms of expository writing. This course will continue the advanced study of grammar, mechanics and usage. Students will progress through a standardized test-specific vocabulary book (e.g. ACT or SAT vocabulary). This course is a preparatory step toward Advanced Placement English courses. Students should have maintained at least a B average in English 10 Honors. Summer reading is required. *A fee is associated with this course.*

ENGLISH 12

Length: Year **1 Credit** **Grades:** 12

English 12 builds upon previous years of the traditional approach to English to provide the necessary skills for success in college or career. Students will read a variety of nonfiction, short stories, novels, drama and poetry. College essay preparation is also a focus. In addition to expository, narrative, technical, persuasive and research writing, the course will continue the study of grammar, mechanics and usage begun in English 9. Vocabulary instruction will be contextual in the major works studied throughout the school year. *A fee is associated with this course.*

ENGLISH ELECTIVES

ACTING WORKSHOP

Length: Semester **½ Credit** **Grades:** 9-12

The art and craft of acting is the foundation of this course. Oral communication and interpretation are the course's main focuses. Lessons include, but are not limited to, the following: history of theater, voice and body control, improvisation, pantomime, characterization and technical theater. Lessons are completed through a variety of participatory exercises, targeted games (to help develop eye contact and listening skills) and teacher lectures. This course relies heavily on the daily participation of students. Membership with the drama club is recommended but not required.

AP RESEARCH

Prerequisite: AP Seminar

Length: Year

1 Credit

Grades: 11-12

In AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. *An AP Exam fee is associated with this course.*

CREATIVE WRITING

Length: Semester

½ Credit

Grades: 9-12

Students will explore the art and craft of creative writing, including the short story, poetry, essay, memoir, drama or other specialized writing topics. Literary works will serve as models through analysis, application and imitation. Composition exercises will reflect an understanding of studied form and application of creative techniques. Enrolled students must be entering junior or senior year.

DEBATE

Length: Semester

½ Credit

Grades: 9-12

Debate class prepares students to deliver effective presentations through logic and argumentation. The course is designed to encourage students to think critically about controversial topics in a respectful and effective manner. Students will also study nonverbal communication as well as work on listening/note taking skills. Highlights of the course include the following: one on one debate, public forum debate, mock trial, impromptu speaking/debate, logical fallacies, and research/analysis.

ENGLISH AS A SECOND LANGUAGE (ESL) I

Length: Year

1 Credit

Grades: 9-12

The ESL I class is for students who speak a language in addition to or other than English and who have scored at the emergent level on the Ohio English Language Proficiency Assessment (OELPA) or ELPS screener. Students will 1.) interact with survival English vocabulary and grammar and 2.) complete thematic, cross-curricular projects that enhance their use of academic language. Through successful completion of this course, students will earn .5 English elective credits per semester. Eligible students may enroll in the course over multiple semesters.

ENGLISH AS A SECOND LANGUAGE (ESL) II

Length: Year

1 Credit

Grades: 9-12

The ESL II class is for students who speak a language in addition to or other than English and who have scored at the progressing level on the Ohio English Language Proficiency Assessment (OELPA) or ELPS screener. Students will 1) continue to build English vocabulary and grammar and 2) complete thematic, cross-curricular projects that enhance their use of academic language. Through successful completion of this course, students will earn .5 English elective credits per semester. Eligible students may enroll in the course over multiple semesters.

ENGLISH AS A SECOND LANGUAGE (ESL) III

Prerequisite: Completion of ESL II and Teacher Recommendation

Length: Semester

½ Credit

Grades: 9-12

The ESL III class is for students who speak a language in addition to or other than English, who have scored at the progressing level on the Ohio English Language Proficiency Assessment (OELPA) or ELPS screener and have completed ESL II. Students will 1) continue to build English vocabulary and grammar and 2) complete thematic, cross-curricular projects that enhance their use of academic language. Through successful completion of this course, students will earn .5 English elective credits per semester. This course is only offered in Semester 1 as preparation for the annual language proficiency exam.

FILMMAKING

Prerequisite: Video Production I and/or Teacher Recommendation

Length: Semester **½ Credit** **Grades:** 10-12

Students in this course will concentrate on non-news, more narrative forms of video production, music videos, comedy sketches, short films, etc. They will build upon and refine skills learned in Video Production 1: Directing, camera work, scriptwriting, video editing, acting. Narrative filmmaking tells fictional stories and is the kind of video production involved in episodic tv shows and movies.

FILM STUDIES

Length: Semester **½ Credit** **Grades:** 11-12

In the Film Studies course, we watch movies and discuss them. Through the study and analysis of films, the course develops students' critical thinking abilities and their appreciation of film as an art form. The course strives to expose students to films with cultural, historical and global perspectives in addition to studying films from many genres, time periods, and geographic locations. While the main point of the course is to study the textual elements of film, students will have opportunities to produce short films and clips in order to illustrate the concept being learned. Students will examine different roles in film making and also develop an artistic voice when expressing their personal perspectives through film.

PUBLIC SPEAKING

Length: Semester **½ Credit** **Grades:** 9-12

Public Speaking will prepare students to speak with confidence and deliver effective presentations. The course is designed so that all students can be successful, even those who have a fear of public speaking. Students will be able to identify and apply the key skills of public speaking. We will focus on delivery for audience understanding and maintaining interest. The course will also address the current need to speak in conjunction with a multimedia presentation. The areas of public speaking that will be studied are demonstration, informative and persuasive speaking, as well as speaking to entertain and impromptu speaking. In addition, students will explore nonverbal communication and work on improving listening skills. The goal of the course is to find what is effective for the student, improve what is not working and eventually to find the student's own unique voice so that the student may become a more successful speaker.

SHAKESPEARE SET FREE

Length: Semester **½ Credit** **Grades:** 9-12

"All The World's a Stage" in this literature and performance course devoted to the life and works of the bard, William Shakespeare. Tragedies and comedies such as *Othello*, *Much Ado about Nothing*, *Hamlet* and *A Midsummer Night's Dream* are studied both within the context of English Renaissance culture and for the timeless, universal appeal of the stories. The plays are reviewed via a range of media: text, film, audio recording, and live performance. The WHS Shakespeare Course will take an actor's/director's approach with due emphasis on Shakespeare's language and how it should be spoken and performed.

SPORTS JOURNALISM

Length: Semester **½ Credit** **Grades:** 9-12

Chronicle the world of sports using the journalism skills on which consumers have come to count. This class is designed to teach skills needed for sports journalism career opportunities, from game coverage and feature reporting, to writer, broadcaster, podcaster, and media contributor. We will explore sports media as a career, utilizing journalism skills like writing, blogging, video production, audio and video recording, covering press conferences and statistics. This class will also teach the value of both persuasion and voice. Taken in the fall, this course will focus almost exclusively on Fantasy Football, while the spring course is expanded for a wider range of sporting topics.

VIDEO PRODUCTION I

Length: Semester **½ Credit** **Grades:** 9-12

Video Production I focuses on the basics of video production including filming, directing, editing, interviewing, anchoring, and script writing. Some projects include Music Videos, Funny Fake Commercials, Mock Movie Trailers, and may involve contributing to Demon Nation News and Friday Morning News. Some involvement in various after school and/or evening WHBS video shoots may be required.

VIDEO PRODUCTION II

Prerequisite: Video Production I and/or Teacher Recommendation

Length: Semester or Year

½ or 1 Credit

Grades: 10-12

Students in this course will be the actual hands-on team that produces Demon Nation News and Friday Morning News. They will conduct interviews, produce news features, serve as anchors, camera persons, graphics creators, editors, etc. Students will take turns learning the various roles (both on-air and behind-the-scenes) needed to make a video news show possible. By the end of the course, students will know how a professional video production is put together, from each crew member's perspective, and will be prepared to take those skills into the professional world. Some involvement in various after school and/or evening WHBS video shoots may be required.

WEB AND PRINT JOURNALISM

Length: Semester

½ Credit

Grades: 9-12

A must for any future communications major and writer. Print Journalism covers news interviewing, news writing, feature writing, editorial writing, editing and the role of the reporter. The course also includes units on press law, ethics and rights and responsibilities. A command of sentence structure and proficiency in grammar, usage and spelling is recommended. Later in the semester, students may submit independent writing projects to various local and national publishers and may enter some writing contests. Students will contribute work to The Green and White, the school newspaper, and to the literary magazine. Membership in these clubs is recommended but not required.

COLLEGE CREDIT PLUS (ENGLISH)

ENG-1010 COLLEGE COMPOSITION I

1 High school Credit

3 College Credits

First Semester Only

Lecture: 3 Hours

Study and practice in academic writing, reading and interpretation of selected texts. Course may be thematically organized.

Prerequisite(s) per Tri-C: Appropriate placement test score; or ENG-0900 Transition to College English; or ENG-0990 Language Fundamentals II; or ESL-1310 English as a Second Language: Grammar for Communication III, and ESL-1321 English as a Second Language: Reading and Writing III, and ESL- 1331 English as a Second Language: Speaking and Listening III; or departmental approval.

OAN Approved: TME001

ENG-1020 COLLEGE COMPOSITION II

1 High School Credit

3 College Credits

Second Semester Only

Lecture: 3 Hours

Study and practice of persuasive and argumentative writing with emphasis on analysis and research, reading and interpretation of selected texts. Course may be thematically organized.

Prerequisite(s) per Tri-C: ENG-1010 College Composition I, or ENG-101H Honors College Composition I.

OAN Approved: TME002

FINANCIAL LITERACY

FINANCIAL LITERACY

Length: Semester ½ Credit Grades: 9

This semester-long course is a required course for all 9th graders. Throughout the semester, students will explore how employment, financial and money management, credit and bankruptcy, insurance, marketing concepts and theories affect their financial lives. In conjunction with these discussions, the students will engage in a number of project-based activities to illustrate the importance of these concepts and ultimately prepare to meet their financial goals during their lifetime.

HEALTH

HEALTH

Length: Semester ½ Credit Grades: 9

Health is required by the State of Ohio for graduation and is a required course for 9th graders. Instruction covers cardiopulmonary resuscitation (C.P.R.) and heart disease, chemical dependency, nutrition, mental health and healthy relationships and human sexuality. The areas of discussion are those important to the physical, social and mental well-being of the students. An effort is made to create good health habits through understanding. Students are encouraged to maintain these practices throughout their lives. This course fulfills the ½ credit health requirement for graduation.

INTERNSHIP

INTERNSHIP EXPERIENCE

Prerequisite: Student must be in good academic standing (minimum 3.0 GPA and good attendance). Student must also be able to provide their own transportation to and from internship location.

Length: Year 2 Credits Grades: 12

This course will be weighted at an Honors course level.

This course is designed to provide students with opportunities to experience various career choices that interest them. In August and September, students will be expected to meet in class two days per week. Students will be instructed on internship requirements and cover various career-based topics. October – April, students will be expected to participate in 150 hours in an internship experience with one or multiple local businesses. Students will be given release time during the school day, depending on their schedule, to participate in their internship experience. Students will be expected to maintain logs of their hours and prepare a presentation detailing their internship experience. In May, students will present what they did during their internship to a faculty council. This internship experience will allow students the chance to see what future careers might be of interest to them or what careers they might not want to pursue.

MATH

In this curriculum there are many math sequences to be considered. In order to minimize confusion, the student should read the list of courses offered at each grade level and the individual descriptions. If confusion still remains, the student should consult a counselor or math teacher.



MATH DEPARTMENT RECOMMENDED COURSE SEQUENCE



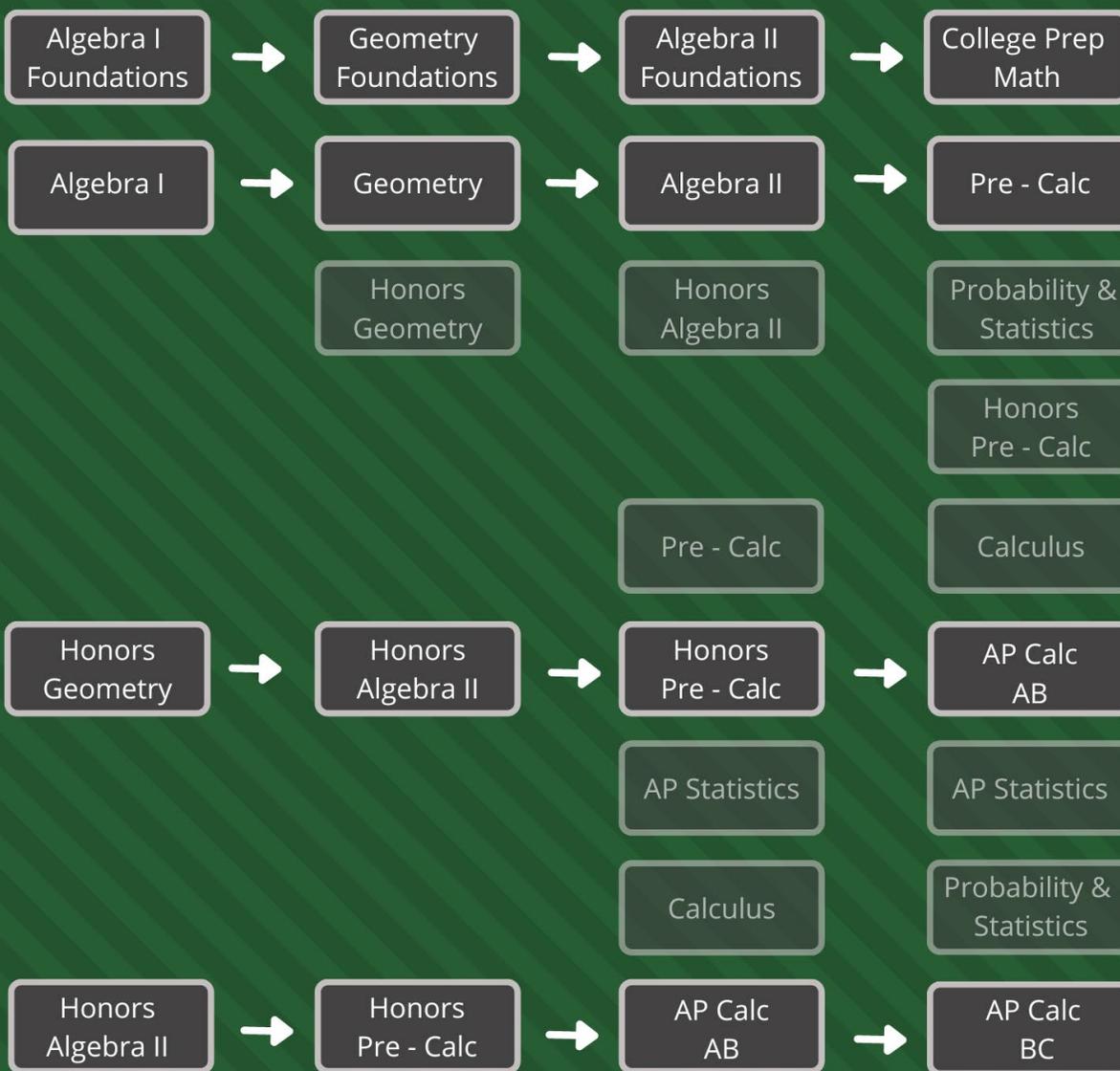
*STANDARD PATHWAYS ARE MARKED WITH ARROWS.
ALTERNATIVE OPTIONS ARE SHADED.

9TH GRADE

10TH GRADE

11TH GRADE

12TH GRADE



ALGEBRA I

Length: Year 1 Credit Grades: 9-12

Algebra I is a mathematical tool for problem solving. The students learn the general techniques for solving linear equations and systems of equations. They also learn to read and write mathematical sentences, reason in an orderly manner and choose the facts necessary for a solution to a problem. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

ALGEBRA I FOUNDATIONS

Prerequisite: Placement Committee Recommendation Only

Length: Year 1 Credit Grades: 9

Algebra I is a mathematical tool for problem solving. The emphasis of this course is reinforcing Pre-Algebra topics learned in middle school and focusing on the Algebra skills needed to be successful in Geometry and Algebra II. Students enrolled in this course will also be enrolled in Algebra I Study Skills for one additional elective credit. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

ALGEBRA II

Prerequisite: Must have completed Algebra I and Geometry

Length: Year 1 Credit Grades: 11

In Algebra II the objective is to increase the student's understanding of mathematical concepts and to develop further the skills and techniques acquired in Algebra I. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

ALGEBRA II FOUNDATIONS

Prerequisite: Placement Committee Recommendation Only

Length: Year 1 Credit Grades: 11

Building on their work with linear and quadratic equations, students continue work with basic functions to include polynomial, rational, exponential and radical functions. A TI-83 or TI-84 calculator is required but the TI-84 is recommended

ALGEBRA II HONORS

Prerequisite: Minimum "B" average in Geometry Honors and Teacher Recommendation

Length: Year 1 Credit Grades: 9-11

Honors Algebra II presents a more intensive study of the materials than in the regular Algebra II class. Topics include: linear relationships, quadratic functions, graphing, logarithmic functions and trigonometry. The course is designed for sophomores who plan to take calculus during their senior year and the course utilizes techniques suitable for students with very special interest and ability in mathematics. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

AP CALCULUS AB

Prerequisite: Minimum "B" average in Pre-Calculus Honors and Teacher Recommendation or the completion of a Pre-Calculus course and an 80% minimum score on a placement exam.

Length: Year 1 Credit Grades: 11-12

Advanced Placement Calculus AB emphasizes the concepts of differential and integral calculus and its basic techniques and applications. Students are required to take the advanced placement examination. Students are required to complete a summer work packet before the start of school. A TI-83 or TI-84 calculator is required but the TI-84 is recommended. *An AP Exam fee is associated with this course.*

AP CALCULUS BC

Prerequisite: Completion of AP Calculus AB and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 11-12

Advanced Placement Calculus BC emphasizes the concept of differential, integral and vector based calculus and infinite series with advanced techniques and applications. Students are required to take the advanced placement exam. A TI-83 or TI-84 calculator is required but the TI-84 is recommended. *An AP Exam fee is associated with this course.*

AP STATISTICS

Prerequisite: Minimum "B" average in Algebra II and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 11-12

Advanced Placement Statistics is designed to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns and statistical inference. Students are required to take the advanced placement examination. Students are required to complete a concepts review packet over the summer. A TI-83 or TI-84 calculator is required but the TI-84 is recommended. *An AP Exam fee is associated with this course.*

CALCULUS

Prerequisite: Completion of either Pre-Calculus Honors or Pre-Calculus and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 11-12

Calculus emphasizes the concepts of differential and integral calculus and its basic techniques and applications. Students are not required to take the advanced placement exam. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

COLLEGE PREP MATH

Prerequisite: Completion of Algebra II and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 12

College Prep Math is designed for the student who does not choose to continue in the Pre-Calculus pathway. This course is designed as a transition to college mathematics. Topics include exponents, equations, graphing, polynomials, quadratics, rational expressions, geometry and trigonometry. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

CONSUMER MATH

Prerequisite: Placement Committee Recommendation Only

Length: Year **1 Credit** **Grades:** 12

This course is designed for seniors whose performance is below grade level. The content is focused on real-world applications in order to provide students basic tools to make informed career and financial decisions for life-long success. Relevant math problems are included in the course material along with supplemental math instruction and problems so as to align with the State standards.

GEOMETRY

Prerequisite: Teacher Recommendation

Length: Year **1 Credit** **Grades:** 9-11

Geometry blends two-dimensional (plane) and three-dimensional (solid) concepts into a logical workable form. The students are shown how to use logical reasoning processes in proving many of the truths in geometry. Both direct and indirect methods of proof are used. Included is a study of angles, triangles, quadrilaterals, circles, polyhedrons, trigonometry, coordinate geometry and transformations. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

GEOMETRY FOUNDATIONS

Prerequisite: Placement Committee Recommendation Only

Length: Year 1 Credit Grades: 10

The emphasis of this course is continuing to review basic algebra skills and focusing on fundamental geometric skills. Included is a basic study of basic geometric shapes, triangles, quadrilaterals, circles, trigonometry, coordinate geometry and transformations. Students enrolled in this course will also be enrolled in Geometry Study Skills for one additional elective credit. A scientific calculator is required.

GEOMETRY HONORS

Prerequisite: Minimum "B" Average in Algebra I and Teacher Recommendation

Length: Year 1 Credit Grades: 9-10

Geometry Honors is an accelerated course designed for the superior mathematics student. The course content is plane geometry with some solid geometry integrated into the program. Emphasis is placed on using direct and indirect methods of proof. Students who plan to progress in the Pre-Calculus Honors/AP Calculus pathway should take this course. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

PRE-CALCULUS

Prerequisite: Minimum "B" average in Algebra II and Teacher Recommendation

Length: Year 1 Credit Grades: 10-12

Pre-Calculus centers on a more advanced study of concepts in the areas of algebra, geometry, trigonometry, analytical geometry and functions. These concepts are important prerequisites for further study in mathematics and science-related fields. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

PRE-CALCULUS HONORS

Prerequisite: Minimum "B" Average in Algebra II Honors and Teacher Recommendation

Length: Year 1 Credit Grades: 10-12

Pre-Calculus Honors is an accelerated course designed for the superior mathematics student with an Algebra II Honors background. Students are required to have a TI- 83, TI-84 or equivalent graphing calculator. Topics include: functions and their graphs, logarithms and exponential functions, trigonometry, sequences and series and word problem applications of all major subjects. Students are required to complete a summer work packet before the start of school. A TI-83 or TI-84 calculator is required but the TI-84 is recommended.

PROBABILITY AND STATISTICS

Prerequisite: Completion of Algebra II

Length: Year 1 Credit Grades: 11-12

This course is an introduction to probability and statistics with an emphasis on data analysis, statistical thinking and counting principles through real-world problems. The mathematics in this course is accessible to a wide range of students. It is designed to give students an understanding of the main idea of probability and statistics as well as other mathematical topics. A graphing calculator is required.

MUSIC

The Westlake Music Department is organized to permit all students to participate in a program that evolves from elementary school through high school. The program helps the student gain an insight into a wide range of musical activities. Some phases of the music program are available to every student regardless of their musical talent.

Courses in this section satisfy the Fine Arts requirement.

9TH GRADE TREBLE CHORUS

Length: Year 1 Credit Grades: 9

Ninth Grade Treble Chorus offers the 9th grade soprano and alto voiced singer an introduction to three part singing. Special emphasis is placed on the development of basic singing fundamentals. Various required performances for the chorus include the fall and winter concert, spring concert, Music a la Mode Festival and perhaps one other outside performance. Students are encouraged to participate in the solo and ensemble events. *A fee is associated with this course.*

AP MUSIC THEORY

Prerequisite: Teacher Recommendation and Enrollment in Band, Orchestra, Choir, or Jazz is strongly encouraged.

Length: Year 1 Credit Grades: 9-12

AP Music Theory is an introductory college level music course designed for serious musicians. Students should have a strong fundamental understanding of musical mechanics prior to taking this course and should be able to demonstrate that competency in order to gain a teacher recommendation from the music faculty. Students will cultivate their understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. The rigorous pace of this course is designed to meet the challenges of the required Advanced Placement exam given in May. *An AP exam fee is associated with this course.*

CHAMBER ORCHESTRA/CHAMBER ORCHESTRA HONORS

Prerequisite: Audition, Director's Approval

Length: Year 1 Credit Grades: 9-12

Chamber Orchestra is designed for advanced students who play stringed instruments. The orchestra rehearses daily and performs at school concerts, at state orchestra events and at other community functions. Winds and percussions are added before performances to give the ensemble a full orchestral sound. An audition is required to be placed in Chamber Orchestra.

HONORS: This course meets as part of the Chamber Orchestra. Additional requirements include but are not limited to extra rehearsals, papers, attendance at outside performances and other requirements as determined by the director.

CHORALE/CHORALE HONORS

Prerequisite: Audition, Director's Approval

Length: Year 1 Credit Grades: 10-12

This choral ensemble is for students who want to learn advanced choral techniques and choral literature. They will perform songs of an advanced nature, concentrating on a cappella literature, especially from the Renaissance and Twentieth Century with some thought towards vocal jazz. Students need to exhibit advanced tonal placement, good sight-reading skills and an excellent ear. Fee is required.

HONORS: This course meets as part of the Chorale. Additional requirements include but are not limited to extra rehearsals, papers, attendance at outside performances and other requirements as determined by the director. Fee is required.

CONCERT CHOIR

By audition or permission of Instructor. Students interested in Concert Choir and have not been in another vocal ensemble must receive permission from instructor

Length: Year 1 Credit Grades: T/B 9-12 S/A 10-12

Concert Choir performs a variety of musical literature with an emphasis on basic singing fundamentals. All incoming 9th grade tenors and bass voiced student should sign up for this class. Various required performances for the choir include the winter concert, spring concert, Music a la Mode, winter tour, district contest and perhaps one other outside performance. Fee required.

CONCERT ORCHESTRA

Prerequisite: By audition or permission of Instructor. Students interested in Chamber Orchestra and have not been in another string ensemble must receive permission from instructor

Length: Year 1 Credit Grades: 9-12

Concert Orchestra is designed for students who play stringed instruments. The course will focus on string fundamental techniques as well as concert literature. The orchestra rehearses daily and performs at school concerts, at state orchestra events and at other community functions. No audition is required to participate in Concert Orchestra – seating auditions will be held in the fall.

DEMONETTES

Length: Quarter ¼ Credit Grades: 9-12

Students must try out for these positions and must attend all rehearsals and practices. Part of PE waiver options.

DEBONAIRES

Length: Quarter ¼ Credit Grades: 9-12

Students must try out for these positions and must attend all rehearsals and practices. Part of PE waiver options.

JAZZ ENSEMBLE/JAZZ ENSEMBLE HONORS

Prerequisite: By Audition Only

Length: Year 1 Credit Grades: 9-12

This group rehearses and performs music from the following styles: jazz, big band, jazz-rock, popular music, ballads and others. Performances include Jazz Festivals, Jazz Concerts, Westlake Elementary School Tour, school performances and other outside performances. Students in the Jazz Ensemble must also be a member of the Westlake High School Band. The only exceptions would be the students who play piano, bass guitar or rhythm guitar.

HONORS: This course meets as part of the Jazz Ensemble. Additional requirements include but are not limited to extra rehearsals, papers, attendance at outside performances and other requirements as determined by the director.

MEN'S CHORUS

Length: Year ½ Flex Credit Grades: 9-12

Enrollment in Men's Chorus is open to any tenor or bass voiced student who enjoys the art and fulfillment of singing as well as expanded choral experiences. This choir meets before school three days a week. A wide variety of music including classical, popular and barbershop is explored and performed. Performances are required. Fee required.

SHOW CHOIR

Prerequisite: By Audition Only

Length: Year

1 Credit

Grades: 10-12

The Show Choir is a small, select group of highly enthusiastic performers. Their repertoire includes popular and Broadway show music accented with choreography. The Show Choir represents the school at many civic and business programs as well as festivals and concerts. Attendance at all functions is required. Students must maintain a “C” or better average to be permitted to perform with this group. Students are required to pay for their performance attire. Fee required. Part of PE waiver options.

WESTLAKE HIGH SCHOOL BAND/BAND HONORS

Prerequisite: Students must try out for these positions and must attend all rehearsals and practices.

Length: Year

1 Credit

Grades: 9-12

Membership in the Westlake High School Band is open to all senior high school students who display interest and a high level of proficiency on their band instruments. Performances include several school concerts, district and state band event, Music a la Mode and other outside performances.

The Westlake High School Band is a full year course which meets daily. The first quarter consists of Marching Band, while the remainder of the year is a seated concert setting. During the first quarter, all students are auditioned and selected for the Symphonic and Concert Bands for the remainder of the school year. The Westlake High School Marching Band has performed all over the country in national holiday parades, bowl games and area music festivals. Past performances have included the Florida Citrus Bowl Parade, the Hollywood Parade of the Stars, the Chicago Thanksgiving Day Parade, Disney World and festivals in Atlanta, Florida and Chicago.

The following units—Demonettes, and Debonaires—are part of the Marching Band and are open to all students at Westlake High School for the first quarter.

These students MUST be scheduled as part of the Marching Band the first quarter and may take a second quarter study hall, second semester class, or a second semester study hall. We encourage Demonettes, and Debonaires to play an instrument in order to fully participate in Westlake High School’s music program. Because of scheduling conflicts, students may have to make decisions about their own academic or auxiliary responsibilities. Please remember that a schedule must reflect BOTH academic and co-curricular responsibilities.

HONORS: This course meets as part of the Westlake High School Band. Additional requirements include but are not limited to extra rehearsals, papers, attendance at outside performances and other requirements as determined by the director.

Students participating in a fall sport at Westlake High School may opt out of marching band if staffing allows. Students choosing this option will rehearse in a small group setting during the first quarter and will join in with the full group beginning the second quarter. Students must speak to a director and complete the opt-out paperwork in the spring so that directors have an accurate roster for Marching Band. Part of PE waiver options.

WOMEN’S ENSEMBLE/WOMEN’S ENSEMBLE HONORS

Prerequisite: By Audition or Permission of Instructor

Length: Year

1 Credit

Grades: 10-12

Enrollment in Women’s Ensemble is open to any 10th – 12th grade soprano or alto voiced student who enjoys the art and fulfillment of singing as well as expanded choral experiences. Women’s Ensemble performs a variety of musical literature with an emphasis on basic singing fundamentals. Various required performances for the choir include the fall concert, winter concert, spring concert, Music a la Mode, district contest and perhaps one other outside performance. This course is open to all students, but auditions are still required. Fee required.

HONORS: This course meets as part of the Chorale. Additional requirements include but are not limited to extra rehearsals, papers, attendance at outside performances and other requirements as determined by the director. Fee is required.

PHYSICAL EDUCATION

Physical Education ensures that the student has an opportunity to participate in a variety of team and individual sports. A variety of physical activities promote normal growth and development and increase strength, flexibility and cardiovascular endurance. Uniform information will be provided during the orientation process.

Students have the opportunity to exempt the Physical Education (PE) graduation requirement by completing **two full seasons** of interscholastic athletics (including cheerleading), marching band (including Debonaires and Demonettes), or show choir at Westlake High School. Students who select this option will not receive academic credit for the exemption. Instead, students will have the opportunity to add an elective in place of the PE requirement. **A completed and signed waiver form must be submitted for this exemption.** These waiver forms are available on the high school website.

Courses in this section satisfy the Physical Education requirement.

SPEED, STRENGTH AND WELLNESS FOR STUDENT ATHLETES

Length: Year 1 Credit Grades: 9-12

This course is designed for students who participate in Westlake High School Athletics. It is a two-period class that will meet every other day. On non-meeting days, students can elect to leave campus or have a study hall period. The course will include training methods to improve strength, quickness, speed development and flexibility as well as working on injury prevention. In addition to weight training, this course focuses on other areas of wellness such as nutrition, sleeping habits, stress management, recovery methods and time management skills.

SPEED, STRENGTH AND WELLNESS FOR STUDENTS

Length: Year 1 Credit Grades: 9-12

This course is designed for students who do not participate in Westlake High School Athletics and who wish to improve their physical fitness and design workouts based on individual needs or preferences. The course will include training methods to improve strength, quickness, speed development and flexibility. In addition to weight training, this course focuses on other areas of wellness such as nutrition, sleeping habits, stress management, recovery methods and time management skills.

TEAM AND RECREATIONAL SPORTS AND FITNESS

Length: Semester ½ Credit Grades: 9-12

A variety of physical education activities promote total body fitness and group cooperation skills through individual sports and large group games. This course is designed for the student who likes to stay active in playing recreational team sports. These programs promote fitness and group cooperation skills. Emphasis will be on the following sports: volleyball, basketball, flag football, soccer, speedball, ultimate frisbee, softball and various other activities. State benchmarks will be assessed in this class. This course fulfills .5 credits required for graduation.

YOGA, BODY SCULPTING, AND FITNESS

Length: Semester ½ Credit Grades: 9-12

This class is offered to students who would like to maintain or improve overall fitness levels. Activities are set to music and include, but are not limited to, high/low impact aerobics, yoga, kickboxing, jump rope, jogging, circuits, intervals, body sculpting, Pilates and core training. Discussions about nutrition, basic techniques and principles are also covered. This course fulfills .5 credits required for graduation.

SCIENCE

The science department offers courses in life and physical sciences. The courses meet a wide range of student interests, attitudes and needs. The college-bound student should complete at least three years of high school science. It is recommended that students have access to a scientific calculator for many of the science courses listed below. Fees may be assessed for various courses.



SCIENCE DEPARTMENT RECOMMENDED COURSE SEQUENCE



*STANDARD PATHWAYS ARE MARKED WITH ARROWS.
ALTERNATIVE OPTIONS ARE SHADED.

9TH GRADE

10TH GRADE

11TH GRADE

12TH GRADE



Environmental Science
Horticulture Science
Space Science & Astronomy / CCP



AP Bio / AP Chem / AP Environmental Science
AP Physics / Honors Anatomy & Physiology / CCP

AP BIOLOGY

Prerequisites: Honors Biology Teacher Recommendation. It is recommended that students have completed Honors Biology and Honors Chemistry with at least a "B" (HONORS CHEMISTRY MAY BE TAKEN CONCURRENTLY)

Length: Year **1 Credit** **Grades:** 10-12

The AP Biology course is designed to be taken by students after the successful completion of a first course in high school biology and one in high school chemistry as well. It aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology.

ONLY STUDENTS WITH THE ABILITY TO FOLLOW A FAST-PACED COLLEGE-LEVEL CLASS SHOULD ATTEMPT THIS COURSE.

Advanced Placement Biology course explores, analyzes and expounds upon previously learned biological topics and concepts. Students will be introduced to biochemical/molecular biology, Mendelian genetics, heredity, cellular physiology/function, gene expression, population genetics, evolution, ecology, animal structure/function, animal behavior and plant structure/function. Advanced laboratories are an integral part of the curriculum and learning experience. This course provides significant laboratory experience and topic coverage to fulfill college admission standards. Goggles and disposable gloves are required. The AP Exam is a requirement of the course. Summer packet is assigned. *An AP Exam fee is associated with this course.*

AP CHEMISTRY

Prerequisite: Minimum "B" Average in Chemistry Honors, or "A" Average in Chemistry and Teacher Recommendation. Pre-Calculus is recommended to be successful in this course.

Length: Year **1 Credit** **Grades:** 11-12

Advanced Placement Chemistry is taken after the completion of a first course in high school chemistry. This rapidly paced course is the equivalent of the general chemistry course usually taken during the first college year. There is an emphasis on solving problems, thinking clearly and expressing ideas, orally and in writing. The textbook is college level. Weekly labs reinforce the topics and emphasize proper technique and use of equipment. Concepts from the prerequisite first course are reviewed in a summer assignment which is due the first day of the AP class. More advanced concepts include equilibrium, reaction mechanisms and kinetics, Lewis acid-base theory, buffers, titration curves, entropy, free energy, electrochemistry, nuclear chemistry and organic nomenclature. Students are required to take the AP Chemistry exam. Summer packet assigned. *An AP Exam fee is associated with this course.*

AP ENVIRONMENTAL SCIENCE

Prerequisites: Minimum "A" Average in Biology or "B" Average in Honors Biology, and Minimum "B" Average in Chemistry and Teacher Recommendation. Honors Chemistry May Be Taken Concurrently.

Length: Year **1 Credit** **Grades:** 11-12

AP Environmental Science is designed to be the equivalent of a one-semester, introductory college course in environmental science. This is a rigorous science course stressing scientific principles and analysis, including a laboratory component. The goal of the AP Environmental course is to provide students with the scientific principles, concepts and methodologies required to understand the interrelationships of the natural world; to identify and analyze environmental problems both natural and manmade; to evaluate the relative risks associated with these problems and to examine alternative solutions to resolving or preventing them. Topics include earth systems and resources and consumption, pollution and global change. Experiences both in the laboratory and in the field provide students with important opportunities to test concepts and principles that are introduced in the classroom, explore specific problems with a depth not easily achieved otherwise and to gain an awareness of the importance of confounding variables that exist in the "real world." Students who have earned an "A" in Biology or a "B" or better in Honors Biology and a "B" or better in Chemistry will be considered for this course. Students are required to purchase the book *No Impact Man* by author Colin Beavan. *An AP Exam fee is associated with this course.*

AP PHYSICS C: MECHANICS

Prerequisite: Minimum "B" Average in Algebra II and Pre-Calculus and Teacher Recommendation. Students should have taken or be concurrently taking AP Calculus.

Length: Year **1 Credit** **Grades:** 10-12

AP Physics C: Mechanics is a calculus-based, college-level physics course. It covers kinematics; Newton's laws of motion; work, energy, and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation. AP Physics C: Mechanics includes a hands-on laboratory component comparable to a semester-long introductory college-level physics laboratory. Students are required to take the AP exam at the conclusion of the course. It is required that students have access to a scientific calculator. Summer work is required. *An AP Exam fee is associated with this course.*

BIOLOGY

Prerequisite: Physical Science

Length: Year **1 Credit** **Grades:** 9-12

Biology offers a presentation of the principles underlying living phenomena. This course includes cellular biology, microbiology, human biology, plant biology, ecology, classification of animals and genetics. Laboratory experiences will be dependent upon the schedule. Goggles and gloves may be required for each student. *A fee is associated with this course.*

BIOLOGY HONORS

Prerequisite: Minimum "B" Average in Advanced Science 8, Science 8, or Physical Science and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 9-10

Honors Biology is an advanced course that is designed to prepare students for AP Biology. Enrolling in this course does not obligate students to take AP Biology. All topics learned throughout the year will require higher-level thinking, real-life application, analysis of scientific concepts and out-of-class projects. Specific course concepts will include scientific method, ecology, chemistry with macromolecules, cell structures and organelles, cellular respiration and photosynthesis, cell divisions, DNA and protein synthesis, modern and classical genetics, evolutionary theories/concepts and genetic engineering. Laboratory experiences will be emphasized. *A fee is associated with this course. Note: Students accelerated from Advanced Science 8 may have summer work assigned.*

CHEMISTRY

Prerequisite: Biology and Concurrent Enrollment in Algebra II.

Length: Year **1 Credit** **Grades:** 10-12

Chemistry students study elements, compounds, atomic structure, periodic properties, bonding, chemical equations, stoichiometric relationships, gases, solids, solutions, acids, bases, titration and pH, heat of reaction and rate of reaction. Laboratory experiments complement each of the units. Students will need to purchase a scientific calculator and safety goggles. This course provides significant laboratory experience to fulfill college admission standards. *A fee is associated with this course.*

CHEMISTRY HONORS

Prerequisite: Minimum "B" Average in Honors Physical Science and Teacher Recommendation. Algebra II Can Be Taken Concurrently.

Length: Year **1 Credit** **Grades:** 10-12

Honors Chemistry students will study many of the same basic concepts that are presented in the regular chemistry course; however, there will be a greater emphasis on problem solving and quantitative analysis. Students will study elements, compounds, atomic structure, quantum numbers, bonding, chemical equations, nuclear chemistry, stoichiometric relationships, phases of matter, solutions, acid/bases, titration and pH, heat of reaction and rate of reaction. Lab experiments complement many of the units and will emphasize critical thinking and proper laboratory techniques. Students will need to purchase a laboratory manual, safety goggles and a scientific calculator. This course provides significant laboratory experience to fulfill college admission standards. Students considering taking this course should have taken Honors Physical Science or its equivalent. Although this course is designed to prepare students for the AP Chemistry course, students are under no obligation to take the advanced course. *A fee is associated with this course.*

ENVIRONMENTAL SCIENCE

Prerequisite: Physical Science

Length: Year

1 Credit

Grades: 11-12

Environmental Science is an environmental science class which explores the natural environment and man's interaction and impact. Ecosystem dynamics are studied focusing on component parts, energy transformations, and biogeochemical cycling. Global biomes are discussed, and our temperate deciduous biome highlighted with various activities. The second semester concentrates on current environmental issues. In depth study is on global warming, water resources and issues, biodiversity and population. *A fee is associated with this course.*

EVOLUTION OF THE ANIMAL KINGDOM

Prerequisite: Minimum "C" Average in Biology

Length: Semester

½ Credit

Grades: 11-12

Students will investigate topics that include, but are not limited to, the characteristics and structures of life, the diversity and interdependence of life, heredity, genetics, anatomy and physiology, various biological theories, and historical perspectives, scientific approaches and emerging scientific issues associated with the life sciences. *A fee is associated with this course.*

FORENSIC SCIENCE

Prerequisite: Successful completion of Biology and Chemistry. Chemistry may be taken concurrently

Length: Year

1 Credit

Grades: 10-12

Are you interested in the science behind the CSI television shows? Have you wondered exactly what crime scene investigators do? Those questions are answered in Forensic Science. A multidisciplinary science course encompassing biology, chemistry, physical science, and crime scene investigation. Students will study the role of genetics, toxicology, entomology, ballistics, pathology, computer forensics, fire, debris, and trace evidence in crime scene investigation. This course will rely heavily on laboratory experiments, activities, analysis of fictional and actual crime scenarios. This hands-on approach will enable students to learn about forensic tools, technical resources, forming and testing hypotheses, proper data collection, and responsible conclusions. Students will focus on inquiry and problem solving within a relevant interdisciplinary scientific context. *A fee is associated with this course.*

HORTICULTURE SCIENCE

Prerequisite: Biology

Length: Year

1 Credit

Grades: 10-12

Love plants? Horticulture science is a hands-on class that will help students develop practical skills and knowledge in the areas of botany, plant classification, plant nutrition, landscape installation and design and maintenance of lawns and landscaping. Students will gain exposure to careers in the industry including floral design, greenhouse management, plant propagation, nursery and landscape management, landscape design and pest management. This course is ideal for students who love nature and working outdoors and are interested in post-secondary education and/or careers in horticulture. Instruction will be provided by Westlake staff with support from The Pattie Group, Inc. *A fee is associated with this course.*

HUMAN ANATOMY AND PHYSIOLOGY HONORS

Prerequisite: Minimum "B" Average in Honors Biology and "B" in Honors Chemistry or "A" in Chemistry and Teacher Recommendation.

Length: Year

1 Credit

Grades: 11-12

Honors Human Anatomy and Physiology is a course intended for an honors pathway/A.P. student who is interested in the structure and function of the human body. This course is very intensive and fast-paced. Students who take this course should have a career interest in the health/science careers and/or in the medical field. Considerable class time is devoted to in-depth lectures and weekly laboratory experiments and applications. The course will also include project-based assignments, research papers, models, microscopy, dissections, activities, medical careers, case studies, as well as class presentations. Students will explore all of the human body systems in great detail. Some specific content areas that will be studied are introduction to anatomy and physiology, the skeletal system, the muscular system, the digestive system, the respiratory system, the nervous system, development and aging, cancer, biotechnology and medicine, forensics and medical research. (Disposable gloves are required for dissections.) *A fee is associated with this course.*

PHYSICAL SCIENCE

Length: Year 1 Credit Grades: 9

Physical Science is designed to teach students about the basics of physics, chemistry and earth-space science. The topics include: the scientific method, laboratory experiences, forces, structure of matter, the elements, nuclear energy, heat, sound, light, energy, astronomy and geology. It is required for graduation that all students take physical science as it is necessary for a well-rounded background for future science courses and for intelligent participation in societal decision-making. This course fulfills 1.0 credit of science for graduation. This course provides significant laboratory experience to fulfill college admission standards. *A fee is associated with this course.*

PHYSICS

Prerequisite: Geometry

Length: Year 1 Credit Grades: 11-12

Physics is the study of the physical universe and the relationships between matter and energy. Topics covered will include motion, forces, energy, impulse and momentum and rotational dynamics. Other areas will be studied as time permits. Laboratory experiences, demonstrations, videos, and textual analysis will be used to enhance student comprehension. Topics are viewed both conceptually and mathematically. Students must have access to a scientific calculator. This course provides significant laboratory experience to fulfill college admission standards. A fee is associated with this course.

PHYSICS HONORS

Prerequisite: Minimum "B" Average in Geometry and Algebra II.

Length: Year 1 Credit Grades: 11-12

Honors Physics students will study many of the same basic concepts that are presented in the regular physics course; however, there will be a greater emphasis on problem solving and quantitative analysis. Topics covered include measurement, linear motion, projectile motion, forces, mechanical energy, impulse and momentum, rotational dynamics, circular motion, planetary motion, and simple harmonic motion. Other topics may be studied as time permits. Topics are viewed both mathematically and conceptually and students will develop their ability to analyze, evaluate, and synthesize scientific information. There are several laboratory experiences incorporated throughout the course to fulfill college admission standards. Students are required to have a scientific calculator for this course. *A fee is associated with this course.*

SPACE SCIENCE & ASTRONOMY

Prerequisite: Physical Science

Length: Year 1 Credit Grades: 11-12

Is space infinite? What is time? Are there aliens? What is that in the sky? What are other planets like? How did the universe begin? From simple questions to complex thoughts, we all wonder about what else is out there and what it has to do with us. Space is incomprehensibly large and elegantly beautiful, and encompasses so many things that we never thought possible. In Space Science & Astronomy, students will come to better understand the unending wonders and limitless possibilities that we see across the universe. Students will explore many interesting space features such as stars, planets, comets, meteors, constellations, supernovae, galaxies and black holes while also learning about space exploration, space travel and our place in the universe as a whole. Additionally, many relevant scientific ideas will be discussed including the big bang theory, origins of the universe, relativity and gravity as well as many others. While instruction will be focused on coming to a greater understanding of space and the universe as a whole, special attention will be given to the processes and laws of nature that drive phenomena seen in the cosmos. Numerous student driven activities will be used to guide learning as well as available field trips to locations relevant to course topics. *A fee is associated with this course.*

SOCIAL STUDIES

The social studies department believes that enlightened participation is the essential element for a successful democracy. The program instills the knowledge, skills and individual inquiry required for responsible citizenship and a better understanding of our world.



SOCIAL STUDIES DEPARTMENT

RECOMMENDED COURSE SEQUENCE



*STANDARD PATHWAYS ARE MARKED WITH ARROWS.
ALTERNATIVE OPTIONS ARE SHADED.

9TH GRADE

World
History



10TH GRADE

American
History



11TH GRADE

Government



Economics

Law / Genealogy / Psychology
Sociology / AP Psychology
CCP Psychology / CCP Sociology

World History
Honors



American
History Honors



AP US
Government



AP US
History

AP Economics

Law / Genealogy / Psychology / Sociology / AP Art History (11-12)
AP Psychology (11-12) / AP European History / AP Seminar
AP World History / CCP Psychology / CCP Sociology

AMERICAN GOVERNMENT

Length: Semester

½ Credit

Grades: 11

This course is the study of our American political systems, its institutions and procedures and the ways in which these affect our lives. The course will also study the ideas and ideologies that underline the political structure of our society. Critical thinking, decision-making skills and citizenship skills will be emphasized. A unit on financial literacy is included. This course prepares students for the state exams and fulfills the .50 credit of American Government required for graduation.

AMERICAN HISTORY

Length: Year

1 Credit

Grades: 10

American History concentrates on the major developments and trends which have contributed to the making of contemporary America and its development in the world. A variety of materials is used to enhance an understanding of events that have occurred and concepts that have evolved in America since 1877 expansion. This course fulfills 1 credit of American History required for graduation.

AMERICAN HISTORY HONORS

Prerequisite: Teacher Recommendation

Length: Year

1 Credit

Grades: 10

American History Honors is an in-depth examination of U.S. history from 1877 to the present, from the Industrial Age to the Modern Era. Within that framework, a comprehensive analysis of American cultural, social, economic, and political institutions will be considered alongside the major domestic and foreign policies of the 20th Century. Expectations: Summer readings and previous course knowledge that will be assessed at the instructor's discretion, outside readings, quarterly research papers, and semester projects.

AP ECONOMICS

Prerequisite: Teacher Recommendation

Length: Year

1 Credit

Grades: 11-12

AP Economics is a year-long college level economics course that encompasses both AP Microeconomics and AP Macroeconomics. The study of AP Economics will give students a thorough understanding of the principles of economics that apply to the functions of micro and macroeconomics. AP Microeconomics is an introductory college-level course that focuses on individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. AP Macroeconomics is an introductory college-level course that focuses on an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. A graded summer assignment will be assigned and assessed. Students are required to take both the AP Microeconomics and AP Macroeconomics exams. There are thus two separate *AP Exam fees associated with this course.*

AP US HISTORY

Prerequisite: Minimum "B" Average in World History Honors and Teacher Recommendation.

Length: Year

1 Credit

Grades: 10-12

Students investigate the time period from Pre-Columbian history to the present, with an emphasis on the development of the analytical skills and the factual knowledge necessary to deal critically with the problems and materials found within United States History. The course prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students are required to take the Advanced Placement Examination. Summer readings are required and will be assessed at the instructor's discretion. This course fulfills the US History requirement needed for graduation. *An AP Exam fee is associated with this course.*

AP US POLITICS AND GOVERNMENT

Prerequisite: Teacher Recommendation

Length: Year

1 Credit

Grades: 11-12

Advanced Placement US Politics and Government is a course designed to examine the creation and structure of our American Government. The class will also study various public policy issues and their effect on the American people. Essays, debates, research projects and tests will be used to demonstrate understanding of materials. The course design follows the curriculum of the College Board for AP Government. This course fulfills the requirement needed for graduation. Students are required to take the Advanced Placement Examination. Summer readings are required and will be assessed at the teacher's discretion. *An AP Exam fee is associated with this course.*

ECONOMICS

Length: Semester

½ Credit

Grades: 11-12

Economics is an introductory course in economic theory that is designed to allow for students to gain greater understanding of the world in which they live. Students will learn the fundamental concepts of economic theory and analysis with an emphasis on Microeconomics and select topics in Macroeconomics. This course fulfills the .50 credit of Economics required for graduation.

WORLD HISTORY

Length: Year

1 Credit

Grades: 9

World History is a study of significant developments from the Enlightenment through the 21st Century. Geography is emphasized throughout the course as a setting or historical event. Through a variety of activities, students develop an understanding of how the past has shaped the present as well as an appreciation of the contributions of previous cultures. Objectives for World History are in line with state standards and Ohio's State (AIR) Test benchmarks. This course fulfills the 1.0 credit of World History for graduation.

WORLD HISTORY HONORS

Prerequisite: Minimum "A" Average in Grade 8 Social Studies or Approval by Course Instructor.

Length: Year

1 Credit

Grades: 9

World History Honors 9 is an in-depth chronological study of events from the Enlightenment to the current world. Course objectives are aligned with the state standards. This course requires proven advanced reading, essay writing, spelling and analytical skills. Outside readings, research papers, projects and participation in organized class discussions are structured into the course. Summer reading is required and will be assessed at the teacher's discretion.

SOCIAL STUDIES ELECTIVES

20TH CENTURY SOCIAL HISTORY

Length: Semester

½ Credit

Grades: 10-12

20th Century Social History is designed for juniors and seniors to develop an awareness of historical events with an emphasis on social history. This course is a review of 20th Century history through a comprehensive look at social topics and their impact on society. Emphasis will include social class structure, urban life, social class problems, race, social class response to endeavors and the impact of those endeavors on political and historical events. This course will develop an appreciation and understanding for individuals and their impact on political, social, historical and economic events. Topics will include: Turn of the Century, WWI, The Great Depression, WWII, Korean War, Great Society, Civil Rights, Vietnam War, Anti-Trust Laws, Illegal gambling and drug scandals, Cold War, Marketing Explosion, Silicon Valley, War on Terror and 9-11. Expectations: Students will participate in discussions, examine primary source materials, engage in expository and persuasive writing and complete a research project. Example topics include: Women in Society, Athletics and Society, Minorities in Society, Literature and Society, Pop Culture and Music, etc.

AP ART HISTORY

Prerequisite: Teacher Recommendation

Length: Year

1 Credit

Grades: 11-12

AP Art History is designed to provide high school students with exposure to art and its contextual place within history. The course is designed to meet the requirements of an introductory art history survey course at the college level. Though the College Board recognizes the value of “visual analysis as a fundamental tool of the art historian” the board also stresses the need to understand the “how and why works of art function in context” within a given society. Thus, consideration must be given to such social constructions as class, gender and race when examining works of art. Furthermore, the student of art history must consider the importance of religion, politics, ethnicity, patronage, audience and function as it pertains to these social constructions. Art as a reflection of a given society can reflect the power and authority of the dominant social structure. As such, the student of art history must understand the historical context in which the art was created. Students will examine art from its ancient inception in Rome and Greece through the Medieval and Renaissance periods continuing on to present day. Summer readings are required and will be assessed at the teacher’s discretion. *An AP Exam fee is associated with this course.*

AP EUROPEAN HISTORY

Prerequisite: Minimum “B” Average in World History Honors 9 and Teacher Recommendation.

Length: Year

1 Credit

Grades: 10-12

In AP European History, students investigate significant events, individuals, developments, and processes from approximately 1450 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course also provides seven themes that students explore throughout the course in order to make connections among historical developments in different times and places: interaction of Europe and the world, economic and commercial development, cultural and intellectual development, states and other institutions of power, social organization and development, national and European identity, and technological and scientific innovations. *An AP Exam fee is associated with this course.*

AP PSYCHOLOGY

Prerequisite: Teacher Recommendation.

Length: Year

1 Credit

Grades: 11-12

The Advanced Placement Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. The Advanced Placement Psychology course will offer students opportunities to learn about the explorations and discoveries made by psychologists over the past century. Students will get the chance to assess some of the differing approaches adopted by psychologists, including biological, behavioral, cognitive, humanistic, psychodynamic, and sociocultural perspectives. Students will also learn the basic skills of psychology research and develop critical thinking skills. The Advanced Placement Psychology course aims to provide students with a learning experience equivalent to that of most college introductory psychology courses. *An AP Exam fee is associated with this course.*

AP SEMINAR

Prerequisite: Teacher Recommendation

Length: Year

1 Credit

Grades: 10-12

In AP Seminar, you'll develop analytic and inquiry skills, exploring two to four issues on themes based on student interests in local and/or civic issues, global or international topics, and concepts from other AP courses. *An AP Exam fee is associated with this course.*

AP WORLD HISTORY

Prerequisite: Minimum "A" Average in World History Honors 9 or Approval by Course Instructor.

Length: Year **1 Credit** **Grades:** 10-12

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course proves six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. *An AP Exam fee is associated with this course.*

GENEALOGY

Length: Semester **½ Credit** **Grades:** 11-12

Genealogy is designed for juniors and seniors to develop techniques and methods necessary to identify, understand, analyze, and solve complex genealogical problems. Students will be exposed to a variety of primary source materials and given alternatives to verify and fact check those sources. Students will practice logic and critical thinking skills and apply these newly developed skills to a variety of real world case studies. Emphasis is placed on the research, discovery and kinship through affiliations. The use of genealogical theory and problem solving strategies will be used to apply to real world cases. Technological and library tools are placed in perspective and thoroughly explored. Students should have independent study skills. Who wants to become a History Detective? **This course may require an additional fee for access to outside sources, e.g. The Western Reserve Historical Society.**

GLOBAL GEOGRAPHY

Length: Semester **½ Credit** **Grades:** 10-12

Global Geography is dedicated to the study of the lands, the features, the inhabitants and the phenomena of the earth. As such, the course focuses upon building students' spatial thinking skills while exploring the relationship and impact between environment and society, regional characteristics, human movement, settlement and globalization. Contemporary issues will then be explored through the lens of geography as students will investigate where physical and cultural features are located as well as the implications of these spatial arrangements. Finally, participation in the online Statecraft Simulation (a required class fee) will allow students to experience the challenges, opportunities and complexities of these spatial arrangements via international relations as students will attempt to achieve goals such as world peace, equality, the rule of law and cooperation among nations that parallel real-world dilemmas.

HISTORY OF MODERN FOREIGN POLICY

Length: Semester **½ Credit** **Grades:** 10-12

Foreign Policy is a class designed for college bound juniors and seniors who wish to be well informed on international affairs. Students explore the role of the United States in a wide variety of world topics including, but not limited to, the New World Order, the Population Explosion, Weapons of Mass Destruction/Nuclear Proliferation, Terrorism and Problems of Developing Nations.

LAW

Length: Semester **½ Credit** **Grades:** 10-12

Law helps students understand their legal rights and responsibilities. After an introduction to the judicial system, the course centers on both criminal and civil law. In the criminal system, students will study crimes against people, crimes against property and juvenile law. In civil law, the course focuses on negligence and strict liability. Additionally, students will study constitutional law and how it applies to their own lives, specifically in reference to 1st amendment rights (freedom of speech), 4th amendment rights (search and seizure) and 5th amendment rights (Miranda). Students will learn about these topics through case studies as well as mock trial participation.

PSYCHOLOGY

Length: Semester

½ Credit

Grades: 10-12

This course is designed to provide students with the basics of Psychology. The course will include methods of research and study used by the psychologist, how the brain works, theories of personality and development, mental health, abnormal behaviors, emotions and dreams. The students will leave the class with a general knowledge of psychology. Recommended for college bound juniors and seniors.

SOCIOLOGY

Length: Semester

½ Credit

Grades: 10-12

Sociology: Contemporary Thoughts and Issues is designed for sophomores, juniors, and seniors to develop an awareness of contemporary issues with an emphasis on sociology. Sociology is the study of society and human behavior. The aim of the course is for students to gain a deeper knowledge of such topics as culture, crime/deviance, social control, gender, race and ethnicity, and class/social stratification. These topics will be studied through the examination and discussion of historical and current events.

COLLEGE CREDIT PLUS (SOCIAL STUDIES)

PSY-1010 GENERAL PSYCHOLOGY

1 High School Credit

3 Semester Credits

First Semester Only

Lecture: 3 Hours

Scientific study of human behavior. Topics include the history of psychology, scientific methods, biological processes, sensation and perception, consciousness, learning, intelligence, human development, motivation and emotion, personality, abnormal behavior, social psychology and diversity.

Prerequisite(s): Eligibility for ENG-1010 College Composition I.

OAN Approved: OSS0015

SOC-1010 INTRODUCTORY SOCIOLOGY

1 High School Credit

3 College Credits

Second Semester Only

Lecture: 3 Hours

An overview of the principles, sociological perspectives, theories, concepts and research methods used in the field with more intensive study in the following areas: culture, socialization, formal organizations, social structure and social stratification. Additional emphasis is placed on the application of sociology to current events.

Prerequisite(s): None.

OAN Approved: OSS021

TECHNOLOGY

Courses in this section satisfy the Technology requirement.

COMPUTER APPLICATIONS

GOT GOOGLE?

Length: Semester **½ Credits** **Grades: 9-12**

Got Google? will teach students to become effective users of tools within both Google Workspace and Microsoft Office Suite. Students will use PowerPoint/Slides, Word/Docs, Excel/Sheets, and Publisher/Drawings. Functionality differences between the programs will be explored. This project-based learning class will have students leaving with software skills they can utilize in college and/or career.

COMPUTER SCIENCE

Computers have transformed both the world and the workforce in profound ways. To be well-educated citizens and to be prepared for careers, these courses provide students with the opportunity to gain a clear understanding of the principles and practices of computer science. These courses are valuable to every student regardless of his or her ultimate field of study or occupation.

ADVANCED TOPICS IN COMPUTER SCIENCE

Prerequisite: Grade of B or better in APCS Principles or APCSA or a score of 3 or better on the APCS Principles or APCSA

Length: Semester **½ Credit** **Grades: 10-12**

This course allows students who have completed the AP Computer Science course to continue expanding and deepening their knowledge and understanding of computer science through student-chosen projects. Lessons will also be given on certain advanced topics as well as software engineering and project management skills. tackle applications fields of computer science such as artificial intelligence, machine learning, data science, cybersecurity, and more. While engaging with these new topics, students learn new programming languages—such as Python and SQL—while working with advanced data structures and algorithms. Choice plays a big role in the class, as students spend significant periods of time working in teams on a variety of ambitious programming projects. Topics vary from year to year, so the course may be taken more than once.

AP COMPUTER SCIENCE A

Prerequisite: AP Computer Science Principles or Teacher Approval

Length: Year **1 Credit** **Grades: 10-12**

Computer Science A (CSA) introduces students to software engineering and object-oriented programming and design using the Java programming language. This curriculum covers a broad range of topics, including the design of solutions to problems, the use of data structures to organize large sets of data, the development and implementation of algorithms to process data and discover new information, the analysis of potential solutions, and the ethical and social implications of computing systems. *An AP Exam fee is associated with this course.*

AP COMPUTER SCIENCE PRINCIPLES

Prerequisite: Algebra I

Length: Year

1 Credit

Grades: 9-12

AP Computer Science Principles is a year-long course that will prepare students to take the AP Computer Science Principles College Board exam. AP CSP introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security and the societal impacts of computing. Students enrolled in this course are required to take the AP Computer Science Principles in the spring. *An AP Exam fee is associated with this course.*

INTRODUCTION TO COMPUTER SCIENCE

Length: Semester

½ Credit

Grades: 9-12

This course is a comprehensive introduction to the vast field of computer science. Designed for high school students, this course integrates fundamental concepts with hands-on practical experience to foster a deep understanding of computing, its capabilities, and its impacts. This course will cover the following topics: Computer Systems and Devices with microbit, Representing Information, Artificial Intelligence and Machine Learning, Networks and the Internet, Cybersecurity and Global Impacts, and an Introduction to Programming (Block or text-based: functions, loops, parameters, and APIs). Students will receive a solid foundation in computer science that prepares them for AP Computer Science and future careers in technology.

WEB PAGE DESIGN

Length: Semester

½ Credit

Grades: 9-12

In Web Page Design, students will learn how to create and design web pages. Instruction will focus on using HTML (Hypertext Markup Language) and CSS (Cascade Style Sheets) to create web pages. This course will focus on the elements of design, layout, navigation, and ease of finding information on a website. Students will have the opportunity to create their own personalized web pages. Other topics that will be discussed include the responsible and ethical use of technology, electronic communications, and the commercialization of technology.

DIGITAL MEDIA

DIGITAL MEDIA PRODUCTION

Length: Semester

½ Credit

Grades: 9-12

This interactive and hands-on class, students will explore the fundamental principles of video editing, motion graphics, and graphic design. An introduction to Adobe Creative Suite: Students will be introduced to the fundamental features and functionalities of Adobe Premiere and Adobe After Effects. They will learn the basics of video editing, motion graphics, effects, and animation. With Adobe Premiere, Adobe After Effects and Canva students will learn the art of video editing, mastering techniques to assemble footage, add effects, transitions, and audio elements, resulting in professional-quality videos.

ENGINEERING

The Technology & Engineering program allows budding tinkerers, entrepreneurs, and inventors to design, build, and operate creations of useful beauty, helping to drive the next era of American innovation.

The key components of the program provide students with STEM driven, project based, experiential educational opportunities and experiences which builds confidence, strength of character, team building, communication, engineering and technology skills, and problem-solving capabilities useful in all careers and in every educational experience.

Equipped with the tools and skills necessary to design and make just about anything, the program will inspire students to pursue careers in design, architecture, engineering, construction, robotics, advanced manufacturing, aviation, and the many related fields of science, technology, engineering and mathematics (STEM).

COMPUTER GRAPHICS

Length: Semester **½ Credit** **Grades: 9-12**

Computer Graphics students will explore the amazing visual potential in computer-generated graphics for layout and design. Students will learn how to create images and options, design elements and experiment with various techniques to improve visual communication. Students will use multiple programs including Corel Draw. Corel Draw is a vector-based graphics platform. Students will also use the computer to embellish using other mediums. This course is recommended for students selecting a career or interest in graphic design and visual communications. This will satisfy the state graduation requirement for the Technology elective.

DESIGN SQUAD

Length: Semester **½ Credit** **Grades: 9-12**

Design Squad is a class where students will brainstorm, design, build and test a different engineering activity every single week. The Design Squad class is modeled after the popular TV show. This class will give students an opportunity to explore engineering as problem-solving using concepts in science, math and technology. This class will demonstrate that engineering is a creative career where you get to work on interesting problems and design things that matter. This course is geared especially for the incoming freshmen to experience engineering design and investigate and solve challenging problems.

INTRODUCTION TO ROBOTICS & ELECTRONICS

Length: Semester **½ Credit** **Grades: 10-12**

Introduction to Robotics & Electronics is a course that will introduce students to the exciting and sophisticated world of robotics and their importance in technology. Students will learn about mechanical processes related to building a robot and the importance of safety in all aspects of work. Each student will build, test and operate a basic electromechanical robot containing a logic circuit and learn how to read diagrams and schematics. Each student will learn the fundamentals of electricity and electronics, including components, circuits, test equipment and residential wiring. The competencies covered in this class will introduce the student to manufacturing and energy distribution career pathways. This course will satisfy the state graduation requirement for the Technology elective.

KNOW YOUR HOME

Length: Semester **½ Credit** **Grades: 9-12**

Know Your Home is a course where students will learn about home repair and construction technology to solve practical problems found in the home. The course is modular based. Students will spend one quarter on construction technology and the next quarter on home repair. Subjects covered in the construction technology portion include, but are not limited to, electrical, plumbing, framing, trimming, roofing, siding, drywall, GREEN building and new and emerging construction technologies.

KNOW YOUR HOME II

Length: Semester

½ Credit

Grades: 10-12

Know Your Home II is a continuation of Know Your Home. Students will take an in- depth look at the needs of a home. Students will also focus on the finer details of the home and will work independently and in groups to accomplish design problems. Students will explore a number of new and old methods in construction technology and will design and construct a piece of furniture for their home. Students will keep a record of their designs and projects in a binder. “Green” technology will be discussed and utilized in many of the projects and designs. “Green” building is important for students to understand and take advantage of in the ever changing housing market. Note: Fees may be charged for projects beyond the scope of normal material usage. Students will be responsible for materials for the furniture project.

TECHNICAL DRAWING/ DESIGN I

Length: Year

1 Credit

Grades: 9-12

Technical Drawing/Design I is a pre-engineering, pre-architecture and pre-design oriented class. It focuses on the use and care of traditional as well as computer drafting equipment, the basics of measurement, lettering, sketching, orthographic and isometric projection, geometric construction, pictorial drawing, working and assembly machine drawing, elementary descriptive geometry, sectioning, dimensioning, auxiliary views, design and CAD (computer aided drawing/design).

This course is recommended for students selecting a career or interested in any field of engineering, architecture, interior design, industrial design, graphic design, construction, manufacturing, technology, computer technology or any trade using working drawings. The competencies covered in this class will introduce the student to construction and manufacturing industry pathways. (ADVANCED) Technical Drawing/Design 2, 3, 4 Coursework Statement

Taking the Westlake High School Advanced Technical Drawing/Design class (or sequence – level 2, 3, 4) will significantly increase the likelihood of a student being able to credit out of, be advanced placed or test out of similar beginning level college classes (i.e. Engineering Graphics) because of the accelerated pace, great depth of the material covered, high expectations, course rigor, advanced & unique experiences a student is exposed to and is comparable to introductory college level coursework.

TECHNICAL DRAWING/DESIGN II

Prerequisite: Technical Drawing/Design I and Teacher Recommendation.

Length: Year

1 Credit

Grades: 10-12

Technical Drawing/Design II is a continuation of the level I course both in intent and subject area. Course content includes architectural design and model building, advanced detail and assembly drawings, one and two point perspectives, design problems, construction problems, manufacturing problems, engineering problems, (airbrushed) phantom view illustrations, CAD (computer aided drawing/design) and projects dealing with student’s interests.

TECHNICAL DRAWING/DESIGN III HONORS

Prerequisite: Technical Drawing/Design II and Teacher Recommendation.

Length: Year

1 Credit

Grades: 11-12

Technical Drawing/Design III is a continuation of the level II course both in intent and subject area. Course content includes architectural design and model building, advanced detail and assembly drawings, one and two point perspectives, design problems, construction problems, manufacturing problems, engineering problems, (airbrushed) phantom view illustrations, CAD (computer aided drawing/design) and projects dealing with student’s interests.

TECHNICAL DRAWING/DESIGN IV HONORS

Prerequisite: Technical Drawing/Design III and Teacher Recommendation.

Length: Year

1 Credit

Grades: 12

Technical Drawing/Design IV is a continuation of the level III course both in intent and subject area. The student will select work from the following areas: architectural and/or construction drafting, machine drafting, engineering drafting, manufacturing problems, design problems and projects dealing with student’s interests. CAD (computer aided drawing/design) will be utilized in this course.

UNMANNED AIRCRAFT SYSTEMS DRONE TECHNOLOGY

Length: Semester

½ Credit

Grades: 10-12

Unmanned Aircraft Systems - Drone Technology is a class for anyone interested in flying drones or even becoming an airline pilot. It provides students with an introduction and an overview to unmanned aerial systems and their increasing role in today's society. The course covers the history, development and evolution of unmanned aircraft, current and forecast trends and issues, capabilities and performance, UAS applications, regulations and certification, operations, safety and opportunities and professional career paths in Unmanned Aircraft Systems.

 SUGGESTED SEQUENCE OF COURSES 		FOR COLLEGE BOUND T&E MAJORS			
MAJOR	9TH GRADE	10TH GRADE	11TH GRADE	12TH GRADE	
Architecture	Technical Drawing / Design 1	Technical Drawing / Design 2	Technical Drawing / Design 3H	Technical Drawing / Design 4H	
Computer Science / ENGR	Design Squad	Robotics/Electronics & UAS/Drone Technology	Technical Drawing / Design 1	Technical Drawing / Design 2	
Construction Management	Know Your Home 1 Know Your Home 2	Technical Drawing / Design 1	Technical Dwg. 2 & UAS/Drone Technology	Technical Drawing / Design 3H	
Engineering	Technical Dwg. 1 & Design Squad	Technical Dwg. 2 & UAS/Drone Technology	Technical Dwg. 3H & Robotics/ Electronics	Technical Drawing/ Design 4H	
Fashion Design	Technical Drawing / Design 1	Design Squad	Computer Graphics	Technical Drawing / Design 2	
General Technology Studies	Design Squad & Know Your Home 2	Know Your Home 2 & UAS/Drone Technology	Technical Drawing / Design 1	Computer Graphics & Robotics/ Electronics	
Graphic Design	Computer Graphics	Technical Drawing / Design 1	Technical Drawing / Design 2	Technical Drawing / Design 3H	
Green Technology	Know Your Home 1 Know Your Home 2	Design Squad	Technical Drawing / Design 1	Technical Drawing / Design 2	
Industrial Design	Design Squad	Computer Graphics	Technical Drawing / Design 1	Technical Drawing / Design 2	
Interior Design	Technical Drawing / Design 1	Know Your Home 1	Technical Drawing / Design 2	D-Max & Technical Drawing / Design 3H	
Manufacturing Technology	Technical Drawing / Design 1	Design Squad & Robotics/ Electronics	Technical Dwg. 2 & UAS/Drone Technology	Technical Drawing / Design 3H	
STEM Teacher	Know Your Home 1 & Computer Graphics	Design Squad & Robotics/ Electronics	UAS/Drone Technology	Technical Drawing / Design 1	

VOCATIONAL EDUCATION

Vocational training is offered as an alternative to the traditional high school program. While attending high school, students develop skills while earning wages. Programs are available at Westlake High School and Lakewood High School.

OCCUPATIONAL WORK EXPERIENCE

Length: Year **3 Credits Max** **Grades: 11-12**
OWE Class **1 Credit**
Work **2 Credit**

The Occupational Work Experience program (OWE) is a state vocational education work-study program for juniors or seniors who are at least 16 years of age. The OWE course offers those students a chance to prepare themselves for gainful employment upon graduation from Westlake High School. The program provides the student an opportunity to complete their graduation requirements, study job related topics in OWE class and gain actual work experience. A typical student's day consists of OWE class, required academic classes and three or more hours of on-the-job work experience. Students may apply for selection into the OWE program by contacting either the guidance counselor or the OWE coordinator.

WORLD LANGUAGES

The overall objective in studying a world language is to develop linguistic skills in the target language. Students develop proficiency in listening, speaking, reading and writing skills that will lead to fluency in the use of the language. An awareness and appreciation of foreign cultures is gained through the study of customs, history and literature of the country. It is recommended that students maintain a "B" average in the honors pathway classes and a "C" average in the regular pathway as well as a teacher recommendation from the current teacher before advancing to the next level.

FRENCH

AP FRENCH LANGUAGE AND CULTURE

Prerequisite: Teacher Recommendation

Length: Year **1 Credit** **Grades: 12**

In AP French Language and Culture students will continue to enhance and refine their linguistic skills. The course takes a holistic approach to language proficiency and emphasizes comprehension and comprehensibility, vocabulary usage, language control, communication strategies and cultural awareness. Students will refine language structures in context and use them to convey meaning. The AP French Language and Culture course strives to promote both fluency and accuracy in language use and not to overemphasize grammatical accuracy at the expense of communication. Language skills are sharpened with exposure to music, films, readings and other authentic materials. Students will take the Advanced Placement exam and will need to purchase a workbook. It is recommended that students have maintained a "B" average or higher in French IV Honors. *An AP Exam fee is associated with this course.*

FRENCH I

Length: Year 1 Credit Grades: 9-12

French I is for students who have had little or no experience with the French language. It presents conversational expressions, basic vocabulary, syntax and grammar for use in both oral and written communications. A foundation in basic pronunciation is established. French culture is presented at appropriate times during the year. Oral proficiency is emphasized. Students may be required to purchase a workbook. *A fee is associated with this course.*

FRENCH II

Prerequisite: Minimum "C" Average in French I and Teacher Recommendation

Length: Year 1 Credit Grades: 9-12

French II is for students who have maintained a "C" average in French I and builds upon already-learned oral and written skills. After an extensive review of those skills, new vocabulary, verb tenses and grammatical concepts are presented and used. Students read and interpret short stories, notes and authentic materials. Oral proficiency approach is emphasized. Students may be required to purchase a workbook. *A fee is associated with this course.*

FRENCH II HONORS

Prerequisite: Minimum "B" Average in French I and Teacher Recommendation

Length: Year 1 Credit Grades: 9-12

French II Honors has the same sequential core material as French II. The pace is accelerated, the breadth and scope of the coverage expanded and some material is added to challenge the capabilities of the more able students. Students may be required to purchase a workbook. It is recommended that students have earned a "B" or higher in French I. *A fee is associated with this course.*

FRENCH III

Prerequisite: Minimum "C" Average in French II and Teacher Recommendation

Length: Year 1 Credit Grades: 10-12

French III is a continuation of the study of vocabulary and grammatical concepts as students become increasingly advanced. An oral proficiency approach is taken. Reading, writing, listening and speaking skills are emphasized. Students may be required to purchase a workbook. It is recommended that students have earned a "C" average or higher in French II. *A fee is associated with this course.*

FRENCH III HONORS

Prerequisite: Minimum "B" Average in French II Honors and Teacher Recommendation

Length: Year 1 Credit Grades: 10-12

French III Honors has the same sequential core material as French III. The pace is accelerated and more emphasis is placed on all four language skills. Supplementary reading material is added to the course, along with additional compositions and writing activities. Speaking, reading, writing and listening skills will continue to be refined. Students may be required to purchase a workbook. It is recommended that students have earned a "B" or higher in French II. *A fee is associated with this course.*

FRENCH IV

Prerequisite: Minimum "C" Average in French III and Teacher Recommendation

Length: Year 1 Credit Grades: 11-12

In French IV, the structure of the language is reviewed as needed to improve oral proficiency and writing skills. Reading includes a variety of selections and at least one full length novel. Students are expected to discuss and/or write about the readings and current topics. Students may be required to purchase a workbook. It is recommended that students have earned a "C" or higher in French III. *A fee is associated with this course.*

FRENCH IV HONORS

Prerequisite: Minimum “B” Average in French III Honors and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 11-12

In French IV Honors, grammar is reviewed continuously and additional language structures are introduced. Emphasis is placed on the functional use of language in contextualized activities as a means of achieving proficiency in French and acquiring sociocultural competencies. At least one full length novel will be read. Students are expected to discuss and write about the readings and current topics at an advanced level. Students may be required to purchase a workbook. It is recommended that the students have received a “B” or higher in French III Honors. *A fee is associated with this course.*

FRENCH V

Prerequisite: Minimum “C” Average in French IV and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 12

In French V students enhance and refine linguistic skills. Readings include selected classical and contemporary works as well as articles from current periodicals. Comprehension skills are sharpened with exposure to recordings, films and other media forms that feature native speakers. Students may be required to purchase a workbook. It is recommended that students have earned a “C” or higher in French IV. *A fee is associated with this course.*

LATIN

AP LATIN IV

Prerequisite: Latin III Honors or Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 12

Latin IV Advanced Placement: The student will translate selections of the Aeneid by Vergil and selections of Gallic War by Julius Caesar as outlined by the College Board curriculum. The student will read Latin aloud with accurate pronunciation and appropriate voice inflection. The student will read prose and poetry aloud with attention to metrical structure, literary themes and poetic devices. Attention is given to complex grammar and syntax structure as it occurs in the texts. All students are encouraged to take the National Latin Exam to which this course is oriented. *An AP Exam fee is associated with this course.*

LATIN II

Prerequisite: Latin I and Teacher Recommendation

Length: Year **1 Credit** **Grades:** 10-12

Students in Latin II will work at sharpening translating skills and continue focusing on grammar and syntax. Emphasis continues on vocabulary building along with an introduction of new grammatical structures. In addition to the regular textbook readings, students will read introductory mythological stories such as Hercules and Jason and the Argonauts from the Fabulae Graecae. Culture and history is explored through readings about the Roman Republic and Empire. All students are encouraged to take the National Latin Exam to which this course is oriented. It is recommended that students have a “C” or better in Latin I. *A fee is associated with this course.*

LATIN II HONORS

Prerequisite: Latin I and Teacher Recommendation

Length: Year 1 Credit Grades: 10-12

Latin II Honors students continue sharpening translating skills and will work more in depth and at a quicker pace on grammar and syntax. Vocabulary building along with an introduction of new grammatical structures plays an integral role in this course. The scope of the material is expanded and literature will be introduced earlier. Students may be asked to purchase a grammar book. All students are encouraged to take the National Latin Exam to which this course is oriented. It is recommended that students have at least a “B” in Latin I. *A fee is associated with this course.*

LATIN III

Prerequisite: Latin II or II Honors or Teacher Recommendation.

Length: Year 1 Credit Grades: 10-12

Oral and written skills learned in previous areas are further developed in Latin III. The first semester introduces students to more complex readings and grammar. Students begin reading Latin prose such as Plautus, Cicero, Caesar and Pliny. During the second semester, the students will expand on more complex material including Latin poetry. Students will translate works by Ovid, Catullus, Horace and Vergil. Supplementary texts will be provided. Students may be asked to purchase a grammar book. All students are encouraged to take the National Latin Exam to which this course is oriented. Students enrolling in Latin III should have at least a “C” in the previous year. *A fee is associated with this course.*

LATIN III HONORS

Prerequisite: Latin II Honors and Teacher Recommendation.

Length: Year 1 Credit Grades: 10-12

Students will study in detail an increased amount of grammar and syntax as well as accelerating their knowledge of vocabulary. The students will gain an overview of Roman history obtained from their readings of Latin authors and use that knowledge in analyzing Roman culture. Students begin reading Latin prose such as Plautus, Cicero, Caesar and Pliny. During the second semester, the students will expand on more complex material including Latin poetry. Students will translate works by Ovid, Catullus, Horace and Vergil. Supplementary texts will be provided. Students may be asked to purchase a grammar book. All students are encouraged to take the National Latin Exam to which this course is oriented. This course is taught with the goal of the student advancing to Latin IV Advanced Placement. Students enrolling in Latin III Honors should have at least a “B” in the previous year. *A fee is associated with this course.*

LATIN IV

Prerequisite: Minimum “B” Average in Latin III or Latin III Honors and Teacher Recommendation.

Length: Year 1 Credit Grades: 12

The student will read various selections of Latin aloud with accurate pronunciation with appropriate voice inflection and pay special attention to metrical structure, literary themes and poetic devices. The student will translate authors such as Cicero, Caesar, Catullus and Pliny. Attention is given to complex grammar and syntax structure as it occurs in the texts. More emphasis will be given to oral readings and verse. All students are encouraged to take the National Latin Exam to which this course is oriented. *A fee is associated with this course.*

LATIN IV HONORS

Prerequisite: Minimum “B” Average in Latin III or Latin III Honors and Teacher Recommendation.

Length: Year 1 Credit Grades: 12

The student will read various selections of Latin aloud with accurate pronunciation with appropriate voice inflection and pay special attention to metrical structure, literary themes and poetic devices. The student will translate authors such as Cicero, Caesar, Catullus and Pliny. Attention is given to complex grammar and syntax structure as it occurs in the texts. More emphasis will be given to oral readings and verse. All students are encouraged to take the National Latin Exam to which this course is oriented. *A fee is associated with this course.*

SPANISH

AP SPANISH

Prerequisite: Minimum "B" Average in Spanish IV or Spanish IV Honors and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 12

Spanish V Advanced Placement is designed for students who wish to take the Advanced Placement Language Examination in Spanish. In this course students enhance, refine and integrate language skills with proficiency. They synthesize written and aural materials through the formal writing process and through the formal oral presentation. Listening comprehension skills are sharpened through exposure to a variety of authentic audio and video recordings. Readings include selected literature and current events of Spanish speaking countries from authentic written texts, newspaper and magazine articles and other non-technical writings that develop students' reading and comprehension abilities. Essays and discussions in Spanish involve some degree of critical thinking in developing students' writing and speaking skills. There is also a rigorous review of grammatical structures. Spanish is used exclusively in the classroom by both the students and the teacher. The course provides frequent opportunities for students to integrate the four language skills through the use of authentic materials equivalent to those used in the college classroom at the fifth or sixth semester level. The purchase of a workbook may be required and a dictionary is highly recommended. *An AP Exam fee is associated with this course.*

SPANISH I

Length: Year **1 Credit** **Grades:** 9-12

Spanish I is for students who have had little or no experience with the Spanish language. The linguistic goal for this course is to develop the four language skill areas: listening, reading, speaking and writing, as well as refine thinking skills. An accumulation of vocabulary words and grammar are used in the content of the material presented from the text. Students may be required to purchase a workbook. *A fee is associated with this course.*

SPANISH II

Prerequisite: Minimum "C" Average in Spanish I and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 9-12

In Spanish II introductory objectives incorporate an extensive comprehensive review of all vocabulary and grammatical structures learned in level one. The application of listening, reading, speaking and writing skills are stressed and effectively measured throughout the course. Emphasis continues on vocabulary building along with an introduction of new grammatical structures including transference from present to past tenses. Students may be required to purchase a workbook. *A fee is associated with this course.*

SPANISH II HONORS

Prerequisite: Minimum "B" Average in Spanish I and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 9-12

This course is designed to build upon the skills of listening, speaking, reading and writing introduced in Spanish I and will be taught at a more rigorous pace than Spanish II. Students will be required to speak almost exclusively in Spanish. They will learn about all aspects of the Spanish language and culture with greater scope and depth. Several multi-media materials and online resources will be implemented along with the Pre-AP lessons and activities from their Pre-AP workbook. These activities are intended to begin to acquaint students with the format of the AP Spanish language exam and to acquire grammar, vocabulary and communication skills that will lead to proficiency and further refine the students' understanding of the structure of Spanish. In addition, the Spanish II H students will also be required to read two small readers. The books will be provided. The purchase of the Pre-AP workbook and the regular workbook is required and a dictionary is highly recommended. *A fee is associated with this course.*

SPANISH III

Prerequisite: Minimum "C" Average in Spanish II and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 10-12

Spanish III continues with additional vocabulary and grammatical structure as students become increasingly more advanced. Exposure to a substantial amount of vocabulary enables students to incorporate the basic grammar into meaningful listening, speaking, reading and writing exercises. A few of the many activities used to reinforce skills are reading short stories, participation in classroom discussions and writing of short compositions. Students may be required to purchase a workbook. *A fee is associated with this course.*

SPANISH III HONORS

Prerequisite: Minimum "B" Average in Spanish II Honors and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 10-12

Spanish III Honors has the same sequential core material as Spanish III. The pace is accelerated and more rigorous. Emphasis is placed on listening, reading, speaking and writing skills. Supplementary reading material is added to the course along with additional compositions and writing activities. Speaking and reading skills will continue to be refined with the class being conducted entirely in Spanish. Students may be required to purchase a workbook and Pre-AP workbook. *A fee is associated with this course.*

SPANISH IV

Prerequisite: Minimum "C" Average in Spanish III and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 11-12

Spanish IV is designed to build on the four skill areas of listening, speaking, reading and writing. This course includes the study of culture and a review of the grammar from levels I, II and III. Students will study Spanish, Mexican, Central American and South American history as well as read, analyze and discuss various works by classical and contemporary authors through the content of the material presented in the text. Students may be required to purchase a workbook and a dictionary is highly recommended. *A fee is associated with this course.*

SPANISH V

Prerequisite: Minimum "C" Average in Spanish IV and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 12

Spanish V is designed to enhance students' language skills. Students will focus on a variety of topics by reading, analyzing and discussing various contemporary Spanish and Latin American authors as well as articles from current periodicals. Comprehension is refined through exposure to films, music and other forms of media. Accumulation of vocabulary words are used in the content of the material presented from the text. Grammar is reviewed but is not the primary focus. Students are expected to read, discuss and offer their ideas in Spanish. Students may be required to purchase a workbook. *A fee is associated with this course.*

SPANISH IV HONORS

Prerequisite: Minimum "B" Average in Spanish III Honors and Teacher Recommendation.

Length: Year **1 Credit** **Grades:** 11-12

This course is designed for advanced high school students who have demonstrated excellence in Spanish III Honors in listening, speaking, reading and writing the language. The class is designed to further refine the students' understanding of the structure of Spanish. There is an extensive emphasis on advanced placement oriented activities in order to continue acquainting students with the format of the AP Spanish language exam and to acquire grammar, vocabulary and communication skills that lead to proficiency. Students will synthesize written and aural materials through the formal writing process and through the formal oral presentation process. Students will also develop their writing and speaking skills through the process of informal writing and informal oral presentation. Listening and reading skills will be gained through such tools as authentic texts, online interactive activities and other technologies to communicate and explore cultural, social, national and economic issues and themes of the Spanish speaking world. The class is primarily conducted in Spanish. The purchase of a workbook may be required, and a dictionary is highly recommended. *A fee is associated with this course.*

4 YEAR PLANNER

WHS FOUR YEAR PLANNER

NAME _____

9th Grade

ENGLISH: ENGLISH 9 (YR)
MATH:
SCIENCE:
SOCIAL STUDIES: WORLD HISTORY (YR)
ELECTIVE: FINANCIAL LITERACY (SEM)
ELECTIVE: HEALTH (SEM)
ELECTIVE:
ELECTIVE:
STUDY HALL/ELECTIVE:

TOTAL CREDITS: _____ (MIN 6, MAX 8)

10th Grade

ENGLISH: ENGLISH 10 (YR)
MATH:
SCIENCE:
SOCIAL STUDIES: AMERICAN HISTORY (YR)
ELECTIVE:
ELECTIVE:
ELECTIVE:
ELECTIVE:
STUDY HALL/ELECTIVE:

TOTAL CREDITS: _____ (MIN 6, MAX 8)

11th Grade

ENGLISH:
MATH:
SCIENCE:
SOCIAL STUDIES: GOVERNMENT (SEM)
ELECTIVE: ECONOMICS (SEM)
ELECTIVE:
ELECTIVE:
ELECTIVE:
STUDY HALL/ELECTIVE:

TOTAL CREDITS: _____ (MIN 6, MAX 8)

12th Grade

ENGLISH:
MATH:
SCIENCE:
SOCIAL STUDIES:
ELECTIVE:
ELECTIVE:
ELECTIVE:
ELECTIVE:
PRIVILEGE/ELECTIVE:

TOTAL CREDITS: _____ (MIN 5.5, MAX 8)

CORE REQUIREMENTS:

ENGLISH	4 CREDITS
MATH	4 CREDITS
SCIENCE	3 CREDITS
SOCIAL STUDIES	3 CREDITS

REQUIRED ELECTIVES

TECHNOLOGY	.5 CREDIT
FINANCIAL LITERACY	.5 CREDIT
FINE ART	1 CREDIT
PE (OR WAIVER)	1 CREDIT
HEALTH	.5 CREDIT
GENERAL ELECTIVES	5.5 CREDITS

