



Mission: All students graduate College, Career, and Citizenship ready through high quality instruction and learning for every child, every day, and in every classroom.

LYNDEN HIGH SCHOOL

Course Catalog 2024 - 2025



Lynden High School

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LHS Graduation Requirements	3
Washington State College Admission Requirements	4
Opportunities for college Credit (Running Start, College in the High School, Advanced Placement, and Dual Credit)	5,6
Extracurricular	7
ASB Activities	7
Athletic Programs	7
Registration Process	8
CTE Cross-Credit	9
Course Descriptions	10
English	10
Fine Arts	11,12
Mathematics	13
Science	14
Social Studies	15
World Language	16
Physical Education & Health	17
Career & Technical Education	18-22
Special Education Program	22
Additional Electives	23
Northwest Career & Technical Academy	25

Graduation & Course Planning Guide 2024 - 2025

Course Request Information

This catalog provides information about all courses that may be offered at Lynden High School next year to assist students and families in registration. Not every course in this catalog will be offered next year. Only courses with enough student requests will run. It is very important that you think carefully about your choices now as they will determine the courses that will run as well as staffing needs and teaching assignments. Students will be committed to the schedules they choose, and changes will only be considered under exceptional circumstances. As you select your classes, please speak with your counselor, teachers, the CTE office, and other students who have taken the courses to determine if they are the right classes for you. Please know that alternate course choices are required in case schedule conflicts prevent your primary choice. You must include an alternate course for each elective.

LHS Graduation Requirements – THREE COMPONENTS

1. Credit Requirements in each subject area

Subject/Credit Requirements		
Subject	Credits	Description
English	4.0	English must be taken in each school year.
Mathematics	3.0	Students must successfully complete Algebra I, Geometry and a third credit of math.
Science	3.0	Three credits of science are required for graduation. Physical Science A&B, Biology A&B, Chemistry A&B or alternate
Social Studies	3.0	<ul style="list-style-type: none"> • World History (.5) or AP Human Geography (1.0) • World Civilization (.5) or CIHS World History (1.0) • US History (1.0) or CIHS US History (1.0) • Contemporary World Problems (.5) & Government (.5) or AP Government (1.0) <i>Depending on courses selected, you may have more than 3.0 required credits</i>
Fine Arts	1.0	Visual or Performing Arts courses meet this requirement.
World Language*	2.0	*2 credits of the same World Language are required for 4-year college admission, <i>but it is not required for high school graduation.</i> Some 4-year colleges prefer 3 years
Physical Education	1.5	See Physical Education section for course options.
Health	0.5	See the course description for Health in the Career/Technical section.
Career/Technical	1.0	This requirement may be met through a variety of CTE courses. Refer to the Career/Technical section beginning on page 30.
Electives	TBD	Electives may be selected from any category and should support a student's Personalized Pathway

2. High School & Beyond Plan

The **High School and Beyond Plan** is a state graduation requirement. Each student must have a High School and Beyond Plan (HSBP) to guide the student's high school experience and prepare the student for postsecondary education or training and career.

The plan revolves around three questions: Who am I?, What can I become?, and How do I become that?

This personalized plan helps to connect career interests with courses and courses with career pathways. The plan helps students identify the steps needed to reach postsecondary goals. It includes a resume, Career & College inventories, applications, financial aid planning, and more. The requirements of this plan are introduced and completed during the student's 4 years of high school in classroom lessons provided by our High School & Beyond Center and our School Counseling Team.

3. Graduation Pathways

All students must complete a Graduation Pathway.

Many students meet their Graduation Pathway by one or a combo of the following:



- Earning the SBA cut score (currently ELA 2548 / Math 2595), taken in grade 10.
- Students may choose to earn 2.0 credits in an approved Career & Technical Education sequence of courses, as described in the Course Catalog.
- Earning a score of 31 or higher on the ASVAB exam.
- Dual-credits courses such as Applied English / Financial Algebra taken Senior year.
- SAT/ACT scores on ELA and/or Math (ACT w/writing – ELA 14, Math 16) (SAT - ELA 410, Math 430)
- AP course exams (3 or higher) in ELA and/or Math
- College in the HS courses / Running Start Courses in ELA and/or Math.

Please visit OSPI's page on Graduation Pathways for more information. Counselors and Administrators carefully track these details with students and families.

Washington State College Admission Requirements

1. CADR's (courses required)

Students who plan to attend a **public four-year college or university in Washington State must meet the following requirements** in addition to the standard Lynden High School graduation requirements.

Subject	Credits	Notes
English	4.0	English – 4 credits
Math	3.0	Mathematics – 3 credits: Algebra I, Geometry, and Algebra II <i>Note: Successful completion of math through pre-calculus meets the requirement for 3 credits of math and the senior-year math requirement (below).</i>
Senior Year Math-based Quantitative Course	1.0	Senior Year Math-Based Quantitative Course: This requirement can be met by taking one of the following: <ul style="list-style-type: none"> • 1 credit of math equal to or beyond one of the three required math credits listed above • Quantitative course or Algebra-based Science course Examples: statistics, physics, chemistry Successful completion of math beyond Algebra II, prior to senior year, meets both the math and senior year quantitative credit requirements. Examples: Pre-Calculus and beyond
Science	3.0	Science – 3 credits Two of the three credits required for admission to public baccalaureate institutions must be laboratory science. One credit must be in an algebra-based science course as determined by the school district. One credit must be in biology, chemistry, or physics (this course may also meet the algebra-based requirement). <i>Note: Western Washington University specifies that one credit must be an algebra-based chemistry or physics course.</i>
Social Studies	3.0	Social Science – 3 credits of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology).
World Languages	2.0	World Languages – 2 credits must be earned in the same World Language, Native American language, or American Sign Language. Schools may award credit based on a district approved competency assessment consistent with the State Board of Education policy and American Council on the Teaching of Foreign Languages (ACTFL) Proficiency Guidelines. <i>Note: A World Language course taken in middle school may satisfy one credit of the requirement if the second year level course is completed in high school grades 9-12.</i>
Fine Arts	1.0	Arts – 1 credit of fine, visual, or performing arts - or 1 additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual, or performing arts includes art appreciation, band, ceramics, choir, dance, dramatics performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, printmaking, or sculpture. <i>Note: The University of Washington and Western Washington University specify one-half credit in fine, visual or performing arts. The other half may be in the arts or in an academic elective.</i>

Source: Washington Student Achievement Council

(summarization graph)

	LHS Grad Requirements	Washington State Universities	Competitive Universities
English	4 Years	4 Years	4 Years
Math	3 Years	3 Years	3+ Years
Social Studies	3 Years	3 Years	3+ Years
Science	3 Years	3 Years	3+ Years
World Language	--	2 Years	2+ Years
Art	1 Year	1 Year	1-2 Years

2. Admissions Tests – SAT/ACT

- Currently All Colleges/Universities in the state of Washington are **test optional** and have moved to a holistic review of their student applications, including personal essay, extracurriculars, rigor/curriculum, and GPA. Out of state institutions vary, please check with your prospective out of state schools.
- Reasons to consider taking the SAT/Act if test optional.
 - Your Grades/transcript do not accurately reflect your ability to be successful in college.
 - Access to merit-based Scholarships.
 - Placement in college English/Math courses
- In general, we recommend a student take SAT/ACT spring of junior year, and consider retaking it in the fall of senior year
- Go to <https://www.collegeboard.org/> to schedule your SAT
- Go to <https://www.act.org/> to schedule your ACT

DUAL – CREDIT OPORTUNITIES

Advanced Placement (AP)

The Advanced Placement (AP) Program is a cooperative agreement between secondary schools and colleges & universities. It exposes high school students to college-level material through involvement in AP courses and provides students the opportunity to demonstrate mastery of the coursework by taking AP examinations. Colleges and universities may grant credit and/or placement to students that have taken tests and earned a successful score.

Students can benefit from taking AP courses by learning a subject in greater depth, developing advanced critical thinking skills that will be important to successful study in college, and demonstrating to colleges their willingness to undertake a challenging course. Students are responsible for exam fees. Fee assistance is available to qualified students.

English	History	Mathematics	Science	Art/Music
AP Language & Composition AP Literature & Composition	AP U.S. Government AP Human Geography	AP Calculus AB/BC AP Statistics	AP Environmental	AP Music Theory

College in the High School (CIHS)

College in the High School (CIHS) is a cooperative program between LHS and Everett Community Colleges. The program allows students to earn college credit by completing approved courses at LHS. The courses are taught by qualified LHS teachers who work closely with the college faculty mentors to insure alignment between the LHS and college version of the courses. Starting in the 2023-2024 school year, College in the High School classes will be free for students attending a public high school.

Science	History	Mathematics
CIHS Biology BIOL 107 5 credits	CIHS World History HIST 103D 5 credits CIHS US History HIST 146,147,148 5-15 credits	CIHS Pre-Calculus MATH 141,142 5-10 credits CIHS Statistics MATH 146 5 credits

CTE Dual Credit

The Career and Technical Ed/Dual Credit program in Whatcom County is part of a nationwide effort to help high school students identify careers that interest them, and then start building career skills while still in high school. The completion of a College Tech Prep program can result in preparation for entry level employment or provide an opportunity to pursue a certificate or associate degree from any community or technical college in Washington, or further advanced education at a 4-year college or university. Participation in the program will assist students in developing an individual plan that matches their interests, abilities, and educational goals. In some cases, students who earn a B or better and meet the required competencies may be eligible to receive college credit. Courses are offered and described further in this catalog:

LHS COURSE	Course number	COLLEGE COURSE	Course number	College	Credits
Advanced Ag Tech	AGR 605, 606	SMAW 1	WLD 110	BTC	4
Advanced Ag Tech	AGR 605, 606	GMAW 1	WLD 120	BTC	4
Advanced Culinary	HEC 614	Sanitation & Safety	CUL 110	BTC	2
Applied English	BUS 608, 609	Business English	BUS 188	BTC	5
Career in Education	CTE 203, 204	Applications in EDUC 1	EDUC 190	WCC	1
Graphic Arts	ART 606	Intro to Visual Comm.	ART 185	WCC	5
Financial Algebra	BUS 601, 602	Personal Finance	FIN 100	WCC	5
Medical Terminology	SCI 626	Medical Terminology 1	MA 101	WCC	2
Web Design	BUS 615	HTML Fundamentals	CS 120	WCC	5

Running Start

Current Washington State legislation allows high school students to attend their local community college or technical school and simultaneously earn high school credit and college credit. While the credits are free, there are costs/student fees to attend a community college even as a Running Start student. Additionally, students should be aware that failing to earn credits at Running Start could jeopardize on-time graduation. If enrolling in Running Start, you must:

- Be at least a junior in high school with a recommended 3.2 GPA minimum.
- Attend a Running Start information session.
- Be responsible for meeting the registration dates and deadlines for both Lynden High School and the college.
- Meet with your HS counselor at least once before each quarter to receive guidance and approval for your course selections. Courses must be prioritized to meet HS graduation requirements prior to any college degree requirements.
- Maintain full-time enrollment.
- Plan for transportation, lab fees, and books.
- Maintain satisfactory progress each quarter at Running Start.

Extracurricular activities

ASB Activities/Clubs

Ultimate Frisbee	L Club	Band Club	Fiber Arts Club
Role Playing Club	Magic the Gathering Club	Lions' Read Club	HOSA
Teen Court	FFA	eSports	Basketball Club
Chess Club	Cause Club	FBLA	Multicultural Club
Walking Club	Impact Club	Robotics & STEM	

Athletic Programs

FALL

Cheerleading
Cross Country (Boys & Girls)
Football
Soccer (Girls)
Tennis (Boys)
Volleyball

WINTER

Cheerleading
Basketball (Boys & Girls)
Swim & Dive (Boys)
Wrestling (Boys & Girls)

SPRING

Cheerleading
Fastpitch Softball
Soccer (Boys)
Tennis (Girls)
Track & Field (Boys & Girls)

NCAA/NAIA Eligibility

Any student who plans to participate in college sports with an NCAA Division I, II or III or NAIA college must register with the appropriate Eligibility Center. This is a process the Athletic Director and School Counselor will help with. Since there are specific requirements and levels of eligibility, careful high school academic planning is very important. Please see the Athletic Director and School Counselor for more details and review the NCAA website: <http://www.ncaa.org/> or the NAIA website at <http://www.playnaia.org/>

The Registration Process

This Course Description Catalog is specifically designed to be used with the Four-Year Course Plan, created by each student with help from school counselors.

Students will work closely with their counselor, teachers, and parents during registration. *Student ownership* is essential because these decisions will help with successful preparation for post-secondary opportunities. Please remember that thoughtful course selection choices are important and should be connected to academic, career, and personal interests. Students should review the Course Description Catalog, request courses of interest, and support their individualized Four-Year Course Plan. Before finalizing decisions, students should refer to the Lynden HS Graduation Requirements on page 3 and the Washington State College Admission Requirements on page 4.

Registration Process

Students will complete the registration process with the assistance of school counselors.

STEP 1: Review Four Year Course Plan.

STEP 2: Read the course descriptions in this catalog to determine prerequisites, grade level restrictions, and other special requirements.

STEP 3: Select courses that align with the student's Personalized Pathway, along with the remaining graduation requirements.

All students are required to request six classes per semester and three alternates.

*Please note all course offerings are subject to change based upon enrollment and master scheduling.

Lynden High School Credit/Class Standing

Grade 9	Grade 10	Grade 11	Grade 12
0 - 6 credits	6.5 credits to 12 credits	12.5 credits to 18 credits	18.5 to 24.0 credits.

Schedule Change Request

Students are advised to request course and alternate course selections carefully.

Schedule change requests submitted for valid academic reasons only will be considered on a space-available basis.

Students must make an appointment with a Counselor by the deadline date to make a schedule change. Changes will be made for the following reasons ONLY:

- ✓ Student does not meet the prerequisite for the course
- ✓ Senior needs the class for graduation
- ✓ Student has already taken the course and cannot repeat it for credit
- ✓ Special circumstances determined by an Administrator/Counselor

To Request a change, students need to complete a Schedule Change Request Form, located in the counseling center.

Grading & GPA

Most classes at LHS are graded using letter grades A, B, C, D or F, as well as + or -, based on a percentage earned (i.e., 88% = B+, 60% = D). All grades at LHS are *unweighted*. Students are awarded GPA points on a 4-point scale for each grade (i.e., B+ = 3.3, D = 1.0). Students do not earn credit for an F grade, and a score of 0 points is averaged into the GPA for a grade of F. Some courses may be taken PASS/FAIL (P/F). A grade of P does result in credit but no GPA points. A grade of NC (No Credit) does not result in credit, and also has no GPA impact. A student may repeat an LHS course to improve the grade earned. After completing the repeated course, the higher grade earned will be used to grant credit in the specific subject area and will be included in the calculation of the student's GPA.

Career & Technical Education (CTE) Cross-Credit Summary

Career and Technical Education courses are intended to provide students with real-life and applied learning experiences. While these courses satisfy CTE credit requirements, many CTE courses can also “cross-credit” in another content area such as math, science, art, or English. The following is a summary of courses that can cross credit. You will find full descriptions of each course in the CTE section at the end of this document.

CTE and _____	Course Title	Credits
ENG	Applied English	1.00
SCI	Biotechnology	1.00
SCI	Animal Physiology	0.50
SCI	Horticulture	0.50
SCI	Sports Med Injury Care	0.50
SCI	Sports Med Performance Training	0.50
SCI	Medical Terminology	0.50
SCI	Intro to Health Care	0.50
FINE ART	Graphic Arts I	0.50
FINE ART	Broadcast Journalism I	0.50
FINE ART	Broadcast Journalism 2	0.50
FINE ART	Web Design	0.50
FINE ART	Culinary Arts	0.50
FINE ART	Advanced Culinary	1.00
FINE ART	Baking and Pastry	0.50
FINE ART	Ag Metal Art	0.50
FINE ART	Floral Design	0.50
HEALTH	Health	0.50
MATH	Financial Algebra	1.00

Course Descriptions

ENGLISH		Required - 4 Credits of English
ENGLISH 101 Grade Level: 9 Course Code: ENG 601, 602 Credit: 1.0 English Pre-Requisite: None	This is a preparatory course for high school academic success. Units of study encompass those writing, reading, and thinking skills most useful for high school application. Emphasis is placed on reading and writing skills necessary to succeed in all high school course work. Emphasis on accurate communications.	
ENGLISH 201 Grade Level: 10 Course Code: ENG 603, 604 Credit: 1.0 English Pre-Requisite: None	English 201 is a course designed to build writing, reading, thinking, and speaking skills that will enable students to write evidence-based paragraphs and essays and to analyze various literary genres. The students learn to brainstorm ideas, select appropriate topics, and plan thoughts in an organized fashion. Rules for mechanics in writing (capitalization, punctuation, and spelling) and instruction in other aspects of writing (usage, grammar, sentence structure) are also reviewed. Emphasis on accurate communications.	
PRE-AP ENGLISH 201 Grade Level: 10 Course Code: ENG Credit: 1.0 English Pre-Requisite: None	Pre-AP English 201 builds on the foundations of English 101. While English 101 introduced the fundamentals of close observation, critical analysis, and the appreciation of author's craft, Pre AP English 201 requires students to apply those practices to a new array of nonfiction and literary texts. As readers, students become aware of how poets, playwrights, novelists, and writers of nonfiction manipulate language to serve their purposes. As writers, students compose more nuanced analytical essays while never losing sight of craft and cohesion. This course is a good introduction to AP English courses that become available in 11 th and 12 th grades.	
YEARBOOK Grade Level: 10, 11, 12 Course Code: ENG 409, 410 Credit: 1.0 English (English 101 & 201 still required) Pre-Requisite: None	In this course, students will gain skills in the following areas: page design, publishing techniques, copy writing, editing, photography, record keeping, time management, teamwork, marketing, and leadership skills. Students are tasked with producing a timeless, creative, and innovative publication which will record our school's community, memories, and events.	
AMERICAN LITERATURE Grade Level: 11, 12 Course Code: ENG 605, 606 Credit: 1.0 English Pre-Requisite: None	This course focuses on the study of American literature, writing modes and genres, and essential conventions for reading, writing, and speaking. The student develops an understanding of chronological context and the relevance of period structures in American literature.	
CREATIVE WRITING Grade Level: 11, 12 Course Code: ENG 619, 620 Credit: 1.0 English Pre-Requisite: None	This class is an introduction to writing fiction and poetry. This course emphasizes writing as a craft, examines forms and techniques of professional writing through selective readings and offers students the opportunity to read and write in a variety of styles both in prose and in poetry, including plays. Students will practice their writing, revision and editing skills in a workshop format. Includes research of topics, reading and discussion of examples of various techniques of fiction. Students will be required to submit at least one manuscript to a national publication or to a literary contest.	

<p>AP ENGLISH LANGUAGE Grade Level: 11, 12 Course Code: ENG 628, 629 Credit: 1.0 English Pre-Requisite: None</p>	<p>The AP course in English Language and Composition engages students in becoming skilled readers of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. The purpose of the AP curriculum is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will study a wide variety of prose styles from many disciplines and historical periods to gain understanding of the connections between interpretive skill in reading and writing. Students may earn college credit by passing the AP examination in Language and Composition in the spring.</p>
<p>AP ENGLISH LITERATURE Grade Level: 11, 12 Course Code: ENG 609, 610 Credit: 1.0 English Pre-Requisite: AP English Language</p>	<p>This course is designed to engage students in the careful reading and critical analysis of poetry and prose. Through close reading of selected texts, students can deepen their understanding of the ways writers use specific techniques. Students will consider a work's structure, style and themes, as well as more specific elements. Writing assignments will focus on literary analysis through expository and argumentative essays. An extensive summer reading assignment prior to the start of the course will be given. Students may earn college credit by passing the AP examination in the spring.</p>
<p>APPLIED ENGLISH/401 (CTE Dual Credit) Grade Level: 12 Course Code: BUS 608, 609 Credit: 1.0 English and CTE Pre-Requisite: None</p>	<p>This applied English course focuses on the workplace communication skills needed to send, receive, and process oral and written information. Along with a review of writing fundamentals, learners will use principles of clear communication, professionalism, and cultural awareness in occupational contexts. Learners will sharpen their reading, writing, and presentation skills.</p>
<p>MULTILINGUAL ENGLISH Grade Level: 9, 10, 11, 12 Course Code: ENG 615, 616 Credit: 1.0 English Pre-Requisite: ML Qualification</p>	<p>ML English is a course designed to introduce students to basic structures and academic vocabulary of the English language through the skills of reading, writing, speaking and listening. Students learn strategies that support their growth in reading, writing, listening, and speaking English.</p>
<p>VISUAL & PERFORMING ARTS Required - 1 Credit of Art Additional Art can be found in CTE "cross credited"</p>	
<p>ART Grade Level: 9, 10, 11, 12 Course Code: ART 601 Credit: .5 Fine Arts Pre-Requisite: None</p>	<p>This course emphasized skill development and development of the creative thought process. We will cover the Art Elements and Principles of Design through a variety of different projects. Art 1 is designed to give students a basic understanding and appreciation for art. It will give students the background necessary to appreciate visual art, and or seek further training for a career in the visual arts.</p>
<p>ADVANCED ART Grade Level: 9, 10, 11, 12 Course Code: ART 610 Credit: .5 Fine Arts Pre-Requisite: Art</p>	<p>An advanced level course in drawing and painting with an emphasis on developing a greater depth of understanding of art and application of the Elements of Art and Principles of Design to their work in a variety of media. Students will be expected to work individually on projects of their own design. This course may be repeated.</p>
<p>CERAMICS Grade Level: 10, 11, 12 Course Code: ART 604 Credit: .5 Fine Arts Pre-Requisite: None</p>	<p>This class introduces students to a variety of techniques to work with clay. Projects will be functional and non-functional, and students will be able to keep the projects they create. Glazing techniques will also be covered, as well as basics of kiln firing.</p>

<p>ADVANCED CERAMICS Grade Level: 10, 11, 12 Course Code: ART 612 Credit: .5 Fine Arts Pre-Requisite: Ceramics</p>	<p>This course elaborates on the many different means of working with clay as an artistic medium. Students will further explore coil building, soft and leather hard slab construction, clay extrusion and various glazing techniques. We will develop skills working on the potter's wheel as well as touch on some history of ceramics.</p>
<p>SYMPHONIC BAND Grade Level: 9 Course Code: MUS 601, 602 Credit: 1.0 Fine Arts Pre-Requisite: None</p>	<p>Symphonic Band studies and performs a wide variety of medium-easy/medium musical literature. Efforts are made through recruitment and/or placements to maintain quality performers and a balanced instrumentation. Students are expected to grow musically in several specific areas including rhythm, articulation, intonation, tone, musicianship, and rehearsal etiquette. Students must become familiar with the "three planes" of musical performance; Vertical, Horizontal, and Preeminent, and master each component skill.</p>
<p>WIND ENSEMBLE Grade Level: 10, 11, 12 Course Code: MUS 603, 604 Credit: 1.0 Fine Arts Pre-Requisite: Symphonic Band</p>	<p>Wind Ensemble studies and performs a wide variety of medium/advanced and advanced musical literature. Efforts are made through recruitment and/or placements to maintain quality performers and balanced instrumentation. Students are expected to grow musically in several specific areas including rhythm, articulation, intonation, tone, musicianship, and rehearsal etiquette. Students must become familiar with the "three planes" of musical performance; Vertical, Horizontal and Preeminent and master each component skill. Attendance at all evening performances is expected and part of the grade.</p>
<p>SPIRIT BAND Grade Level: 9, 10, 11, 12 Course Code: Semester 1 -MUS 607 Semester 2 – MUS 609 Credit: 0.5 Fine Arts (per semester) Pre-Requisite: None</p>	<p>Spirit Band is the Lynden High School Pep Band responsible for performing at select athletic events. Each year students will play at all home football games and designated home basketball games. Spirit Band members are also involved in post-season play (tournaments). To be eligible for participation, students must also be in a concert ensemble (Symphonic Band/Wind Ensemble). Attendance at all evening performances is expected and part of the grade.</p>
<p>JAZZ BAND (ZERO PERIOD CLASS) Grade Level: 9, 10, 11, 12</p>	<p>Jazz Workshop studies and performs a wide variety of musical literature from the jazz medium. This course is designed to help develop an understanding of the components necessary to perform in the jazz style. Students are expected to grow musically in several specific areas including rhythm, articulation, intonation, tone, musicianship, and rehearsal etiquette. Students must become familiar with the "three planes" of musical performance; Vertical, Horizontal, and Preeminent, and master each component skill</p>
<p>DIGITAL MUSIC PRODUCTION Grade Level: 9, 10, 11, 12 Course Code: MUS 618 Credit: 0.5 Fine Arts Pre-Requisite: None</p>	<p>When will the beat drop? It is up to YOU! Using technology that the music industry uses to make music, from Garage Band to Beat Pads, different types of microphones and converters, you will produce your own mixes. Students will edit and mix their own perfect tracks.</p>
<p>AP MUSIC THEORY Grade Level: 10, 11, 12 Course Code: MUS 619, 620 Credit: 1.0 Fine Arts Pre-Requisite: None</p>	<p>You'll learn to describe, analyze, and create more complex harmonic progressions in the form of four-part (SATB: soprano, alto, tenor, and bass) voice leading. Topics may include: The use of predominant chords in a harmonic progression. Specific predominant chords and their uses. Cadences and predominant function.</p>

BEGINNING PIANO Grade Level: 9, 10, 11, 12 Course Code: MUS 621 Credit: 0.5 Fine Arts Pre-Requisite: None	Gain a solid foundation in basic two-hand piano skills. Learn music theory, including how to read notes, rhythms, and musical symbols on a staff. After finishing this course, students should be able to teach themselves to play the beginning music they find at the music store.
MATH Required - 3 Credits of Math	
ALGEBRA 1 Grade Level: 9, 10, 11, 12 Course Code: MTH 601, 602 Credit: 1.0 Mathematics Pre-Requisite: None	Students in Algebra 1 learn methods of solving one variable equations as well as systems of equations, graphing linear equations and identifying non-linear patterns, proportions and percents, as well as some of the fundamental skills of solving quadratic equations.
GEOMETRY Grade Level: 9, 10, 11, 12 Course Code: MTH 603, 604 Credit: 1.0 Mathematics Pre-Requisite: Algebra I	Geometry introduces students to the nature of logical argument. Students will learn to write proofs that draw valid conclusions from premises in the context of lines, polygons, and circles. Students will investigate congruence and transformations and develop Algebra skills to determine lengths of line segments, measures of angles, and relationships between corresponding parts of figures.
HONORS GEOMETRY Grade Level: 9, 10, 11, 12 Course Code: MTH 626, 627 Credit: 1.0 Mathematics Pre-Requisite: Algebra 1	The Honors version of Geometry will engage in the topics above in greater depth and ensure a conceptual understanding derived from proof and logic.
ALGEBRA 2 Grade Level: 10, 11, 12 Course Code: MTH 605, 606 Credit: 1.0 Mathematics Pre-Requisite: Geometry	Algebra 2 extends the basic algebra found in the Algebra I and Geometry courses. Polynomials, linear and quadratic functions, logarithms and exponents, and trigonometric ideas are developed. Graphing and practical applications are emphasized.
HONORS ALGEBRA 2 Grade Level: 10, 11, 12 Course Code: MTH 632, 633 Credit: 1.0 Mathematics Pre-Requisite: Geometry	The Honors version of Algebra 2 will engage in the topics above in greater depth and ensure a conceptual understanding derived from proof and logic.
CIHS PRE-CALCULUS (College in the High School) Grade Level: 11, 12 Course Code: MTH 609, 610 Credit: 1.0 Mathematics Pre-Requisite: Algebra 2	Principles of functions and graphs; theory of polynomial equations; graphs of polynomial and rational functions; exponential and logarithmic functions and applications; conics, foci and applications; non-linear systems; determinants and Cramer’s Rule. Right triangle trigonometry and applications; general angle and real number trigonometry and applications; identities, inverses and trigonometric equations; introduction to polar coordinates and parametric equations; vectors and applications.
AP or CIHS STATISTICS Grade Level: 11, 12 Course Code: MTH 658, 659 Credit: 1.0 Mathematics Pre-Requisite: Pre-Calculus	Students cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

<p>AP CALCULUS Grade Level: 11, 12 Course Code: MTH 620, 621 Credit: 1.0 Mathematics Pre-Requisite: Pre-Calculus</p>	<p>AP Calculus provides students with an understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: functions, graphs, limits, and continuity; differential calculus (including definition, application, and computation of the derivative; derivative at a point; derivative as a function; and second derivatives); and integral calculus (including definite integrals and anti-differentiation). as well as introducing the following topics: parametric, polar, and vector functions; applications of integrals; and polynomial approximations and series, including series of constants and Taylor series.</p>
<p>FINANCIAL ALGEBRA (CTE Dual Credit) Grade Level: 11, 12 Course Code: BUS 601, 602 Credit: 1.0 Mathematics & CTE Pre-Requisite: Geometry</p>	<p>This course is designed to develop a strong foundation in logical thinking and problem solving that will enable students to make informed decisions regarding matters of money and finance in their daily lives.</p>
<p>SCIENCE Required - 3 Credits of Science</p>	
<p>PHYSICAL SCIENCE Grade Level: 9 Course Code: SCI 413, 414 Credit: 1.0 Science Pre-Requisite: None</p>	<p>Physical Science investigates the fundamentals of Physics, Astronomy, and Earth Science. Basic math skills will be called upon as force, motion, and energy are investigated. The class also incorporates topics concerning energy and climate on earth, and the motions, characteristics, and forces in space.</p>
<p>AG BIOLOGY Grade Level: 10, 11, 12 Course Code: SCI 630, 631 Credit: 1.0 Science and CTE Pre-Requisite: None</p>	<p>Students will investigate the same concepts as Biology but in a plant and agriculture context and with an emphasis on laboratory activities. Students will gain a broad understanding of agriculture including career opportunities. This course is intended primarily for students who are seeking a CTE Agriculture Graduation Pathway.</p>
<p>CIHS BIOLOGY (College in the High School) Grade Level: 10, 11, 12 Course Code: SCI 301, 302 Credit: 1.0 Science Pre-Requisite: None</p>	<p>Biology students will study the living Earth. Topics include: ecosystems and energy, the history of the Earth's atmosphere (photosynthesis and respiration), evidence of common ancestry and diversity, inheritance of traits, structure/function and growth, and ecosystem stability in response to climate change. Students will engage in interactive science instruction that promotes analysis and interpretation of data, critical thinking, problem solving, and connections across science disciplines.</p>
<p>CHEMISTRY Grade Level: 11, 12 Course Code: SCI 303, 304 Credit: 1.0 Science Pre-Requisite: None</p>	<p>This course covers the qualitative and quantitative aspects of scientific measurement, the nature of matter, gases, liquids and solids, energy, atomic theory, properties of elements, chemical bonding, molecular structure and properties, stoichiometry, thermochemistry, and solutions.</p>
<p>AP ENVIRONMENTAL SCIENCE Grade Level: 11, 12 Course Code: SCI611 Credit: 0.5 Science Pre-Requisite: Biology</p>	<p>Students cultivate their understanding of the interrelationships of the natural world through inquiry-based lab investigations and field work as they explore concepts like the four Big Ideas; energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability.</p>
<p>ANATOMY & PHYSIOLOGY Grade Level: 11, 12 Course Code: SCI Credit: 0.5 Science Pre-Requisite: Biology</p>	<p>Explore the inner workings of the human body and focus on anatomical and medical terminology, including cells, tissues, and organs of the following systems: integumentary, skeletal, muscular, nervous. Students will also dissect, observe, and have hands on experience seeing what systems look like</p>

<p>PHYSICS Grade Level: 11, 12 Course Code: SCI 609, 610 Credit: 1.0 Science Pre-Requisite: Algebra 2</p>	<p>An introductory physics course designed as an in-depth study of motion and mechanics. Problem solving, understanding, and applying the laws of physics is emphasized. Lab work and outdoor activities are included.</p>
<p>SOCIAL STUDIES Required - 3 Credits of Social Studies</p>	
<p>WORLD GEOGRAPHY Grade Level: 9 Course Code: SOC 601 Credit: .5 Social Studies Pre-Requisite: None</p>	<p>Things are where they are for a reason. Things happen where they do for a reason. World Geography looks at how location impacts many aspects of life on Earth. The locations, cultures, and environments of people are examined to understand what some of the world's problems are. Geography helps us understand the problems and find solutions to problems the world faces.</p>
<p>AP HUMAN GEOGRAPHY Grade Level: 9 Course Code: SOC 620, 621 Credit: 1.0 Social Studies Pre-Requisite: None</p>	<p>The purpose of the AP course in Human Geography (World Geography) is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice</p>
<p>COMPARITIVE RELIGION Grade Level: 10, 11, 12 Course Code: SOC 669 Credit: .5 Social Studies Elective Pre-Requisite: None</p>	<p>Survey of the world's major religions including Islam, Judaism, Christianity, Hinduism, Buddhism, and others. Examination of the beliefs, rituals, experiences, stories, theologies, ethical codes, institutions, and physical manifestations of these religions</p>
<p>WORLD CIVILIZATIONS Grade Level: 10, 11, 12 Course Code: SOC 602 Credit: .5 Social Studies Pre-Requisite: None</p>	<p>This course examines how societies, politics, and religious ideas of peoples around the world have developed. Examples from different areas and time periods will be used to examine governments, conflicts, technology, and culture. Through reading historical accounts of the past and writing their own answers to the questions of history, students will investigate the ways various civilizations have impacted the peoples and cultures that followed.</p>
<p>CIHS WORLD HISTORY (College in the High School) Grade Level: 10, 11, 12 Course Code: SOC 664, 665 Credit: 1.0 Social Studies Pre-Requisite: None</p>	<p>Survey of the history of early modern and modern European civilization from the Thirty Years' War to the present. Major developments in politics, technology, philosophy, religion, and the arts. Topics include national monarchies, the Enlightenment, the American and French Revolutions, Napoleon, the Industrial Revolution, nationalism, socialism, imperialism, the world wars, Hitler and Stalin, the Cold War, and industrial democracy</p>
<p>US HISTORY Grade Level: 11, 12 Course Code: SOC 608, 609 Credit: 1.0 Social Studies Pre-Requisite: None</p>	<p>This class studies America's past from the arrival of Europeans to Modern Times. It is a great class to understand what our country has been through and relate it to today. Topics Include: American Diversity, American Identity, Culture, Demographic Changes, Economic Transformations, Environment, Globalization, Politics and Citizenship, Reform, Religion, Slavery and Its Legacies in North America, War and Diplomacy.</p>
<p>CIHS US HISTORY (College in the High School) Grade Level: 11, 12 Course Code: SOC 666, 667 Credit: 1.0 Social Studies Pre-Requisite: None</p>	<p>Part 1 -Discovery and colonization of the Americas, growth of a new culture, independence, organization of the American union, growth and expansion of American nationalism, Jeffersonian and Jacksonian democracy. Part 2 -Slavery, the Civil War, Reconstruction, industrialization and urbanization, the late 19th century agrarian protest movement, America's development as a world power, the Progressive movement and America's involvement in World War I. Part 3 - Emphasis on the critical changes in domestic and foreign affairs which have shaped the character of contemporary life.</p>

<p>GOVERNMENT Grade Level: 12 Course Code: SOC 619 Credit: .5 Social Studies Pre-Requisite: None</p>	<p>Students will learn about the philosophy of government, the functions of the U.S. political systems, foreign and domestic policy making and the role of government in contemporary issues. The course is designed to prepare students to both understand and participate in the U.S. system of government.</p>
<p>CURRENT WORLD PROBLEMS Grade Level: 12 Course Code: SOC 663 Credit: .5 Social Studies Pre-Requisite: None</p>	<p>Students will use conceptual understandings they have developed in civics, economics, geography, and history to explore pressing issues in our world today.</p>
<p>AP GOVERNMENT Grade Level: 12 Course Code: SOC 614, 615 Credit: 1.0 Social Studies Pre-Requisite: None</p>	<p>The purpose of this course is to equip students with a broad knowledge and understanding of the structure, intent, and function of American government and politics so they may successfully pass the AP College Board's test in American Government and Politics for college credit. This class is equivalent to a college freshmen level course in its difficulty and workload.</p>
<p>PSYCHOLOGY Grade Level: 10, 11, 12 Course Code: SOC 616 Credit: .5 Social Studies elective Pre-Requisite: None</p>	<p>This class is the study of the mental processes and behavior and more specifically how people think, feel and act as we study the individual and his/her role in society. The class will be geared towards people pursuing a counseling or human service career or who are going on to a 2 or 4-year college program</p>
<p>WORLD LANGUAGE World Language is NOT a Requirement for high school graduation, it is however, a University/College requirement for admissions.</p>	
<p>FRENCH I Grade Level: 9, 10, 11, 12 Course Code: FRN 601, 602 Credit: 1.0 Elective Pre-Requisite: None</p>	<p>Get introduced to the basics of the French language and the cultures and traditions of francophone countries. Through a wide range of activities, we will explore the grammar and vocabulary of one of fastest-growing and most commonly spoken languages in the world. This course will incorporate multi-disciplinary products and processes, such as writing skills, history, social skills (speaking and interacting with community members), and art. No prior knowledge of French or any other foreign language required.</p>
<p>FRENCH 2 Grade Level: 9, 10, 11, 12 Course Code: FRN 603, 604 Credit: 1.0 Elective Pre-Requisite: French I</p>	<p>Continue your exploration of the French language and the cultures and traditions of francophone countries. Learn how to more deeply converse with French speakers, and how to write well-crafted communications in the language. Grammar will be covered in more depth, as well as vocabulary. This course will incorporate multi-disciplinary products and processes, such as writing skills, history, social skills (speaking and interacting with community members), and art.</p>
<p>SPANISH I Grade Level: 9, 10, 11, 12 Course Code: SPA 601, 602 Credit: 1.0 Elective Pre-Requisite: None</p>	<p>The first year of Spanish offers the student an introduction to the language and culture of Spanish-speaking countries. Emphasis is placed first upon listening and speaking skills with a real effort made to imitate native-like speech. Listening, speaking, reading and writing skills are incorporated.</p>
<p>SPANISH 2 Grade Level: 9, 10, 11, 12 Course Code: SPA 603, 604 Credit: 1.0 Elective Pre-Requisite: Spanish I</p>	<p>Students will build upon the foundations set in Spanish 1. The students will be able to express thoughts in both the present and past tenses. Reading and oral comprehension, speaking, grammar, writing, and cultural understanding are important components of this course.</p>

<p>SPANISH 3 Grade Level: 10, 11, 12 Course Code: SPA 605, 606 Credit: 1.0 Elective Pre-Requisite: Spanish 2</p>	<p>In a more informal atmosphere, students will work toward the goal of Spanish communication as a life-long skill. Students will speak only in the target language. The majority of Spanish verb tenses will be addressed. Stories will be read for comprehension and discussion. Extended writing will be incurred, as will an emphasis on sustained conversations.</p>
<p>STAMP World Language Proficiency Test and seal of Biliteracy</p>	<p>Students who are native speakers of a language other than English OR students who have taken three years of another language have an opportunity to take the STAMP World Language Proficiency Test. Based upon test results, students may earn up to four credits (two credits of second language and two credits of elective) and potentially earn a Seal of Biliteracy at the end of their senior year. Credit will show on a transcript as name of language + level + Comp. Students may not double dip in credit if they have already taken a second language class, however, taking the test is necessary to earn a Seal of Biliteracy. Students should contact their counselor for more information.</p>
<p>HEALTH & FITNESS Required - 0.5 of Health Required - 1.5 Credits of Fitness. All PE courses are repeatable for credit.</p>	
<p>WEIGHT TRAINING & CONDITIONING Grade Level: 9, 10, 11, 12 Course Code: Semester 1 PHE 602 Semester 2 PHE 607 Credit: .5 Physical Education Pre-Requisite: None</p>	<p>Students will develop strength, agility, speed, quickness, and overall athletic ability by lifting barbells, dumbbells, and machine weights, and by doing plyometric, rope jumping, and form sprinting. Emphasis is placed on individual improvement--you will not be compared with others. Benefits include increased self-esteem, increased ability in activities (sk2ng, biking, school sports, etc.) and good health.</p>
<p>TEAM SPORTS Grade Level: 9, 10, 11, 12 Course Code: PHE 603 Credit: .5 Physical Education Pre-Requisite: None</p>	<p>The units for Team Sports are soccer, football, volleyball, basketball, softball, team handball and ultimate frisbee. The course also includes a fitness planning piece where students will assess their current level of fitness and create an individualized fitness plan.</p>
<p>INDIVIDUAL & DUAL SPORTS Grade Level: 9, 10, 11, 12 Course Code: PHE 604 Credit: .5 Physical Education Pre-Requisite: None</p>	<p>The units for Individual and Dual Sports are badminton, pickleball, golf, archery, disc golf, volleyball, spikeball, and frisbee. The course also includes a fitness planning piece where students will assess their current level of fitness and create an individualized fitness plan.</p>
<p>FITNESS FOR LIFE Grade Level: 9, 10, 11, 12 Course Code: PHE 605 Credit: .5 Physical Education Pre-Requisite: None</p>	<p>Fitness for Life focuses on fitness walking, yoga, and body weight workouts. The course also includes a fitness planning piece where students will assess their current level of fitness and create an individualized fitness plan.</p>
<p>HEALTH Grade Level: 9, 10, 11, 12 Course Code: HEA 601 Credit: .5 State Health Requirement Pre-Requisite: None</p>	<p>The ultimate purpose in this class is for each student to become aware of what being "Healthy" is all about. This includes Mental Health, Social Health, and Physical Health. We will discuss the many choices teens are faced with on a daily basis that can and will affect their future years. Our goal is an increased awareness that "Today is the day you make your choices for tomorrow."</p>

CAREER & TECHNICAL EDUCATION (CTE)

Required - 1.0 of CTE Credit

CTE courses are intended to provide students with applied learning experiences.
Many courses within CTE may "cross credit" in other content areas.

<p>CAREERS IN EDUCATION (CTE Dual Credit) Grade Level: 11, 12 Course Code: CTE 203, 204 Credit: 1.0 CTE Pre-Requisite: None</p>	<p>Careers in Education is a yearlong course for juniors or seniors interested in pursuing a career in the field of education. The first semester focuses on the general theory and practice of learning and teaching as a career. Students who earn a C or better in the first semester are eligible for the second semester. This includes a hands-on internship experience in elementary or middle school classrooms in the district. Attendance is critical to this course.</p>
<p>AGRICULTURE</p>	
<p>AG TECHNOLOGY 1 Grade Level: 9, 10, 11, 12 Course Code: AGR 601 Credit: .5 CTE Pre-Requisite: None</p>	<p>This course introduces metal fabrication and welding. Areas covered are safety, tool identification and use, Arc welding, Oxy-Acetylene welding and cutting, Plasma cutting, tap and die, MIG welding, and forge work.</p>
<p>AG TECHNOLOGY 2 Grade Level: 9, 10, 11, 12 Course Code: AGR 602 Credit: .5 CTE Pre-Requisite: Ag Tech 1</p>	<p>This course is a project design and fabrication class with a special emphasis on agricultural equipment. Repairs or modifications to old equipment are also encouraged. Advanced skills in GMAW and GTAW welding is also a required part of the class.</p>
<p>AGRICULTURAL LEADERSHIP Grade Level: 9, 10, 11, 12 Course Code: AGR 608, 609 Credit: .5 CTE Pre-Requisite: Must be enrolled or have taken an Agriculture Course</p>	<p>The class is designed for advanced students to pursue extended learning activities in FFA or an agricultural related field of interest. This class may be repeated.</p>
<p>AG TECHNOLOGY METAL ART Grade Level: 9, 10, 11, 12 Course Code: AGR 610 Credit: .5 CTE and Fine Art Pre-Requisite: Ag Tech 1</p>	<p>Metal Art will cover the use of welding equipment, metallurgy and tools to build metal art projects. History, theory and design will be covered along with students building various projects. Since this is a Career and Technical Education class, special emphasis will be placed on employability skills, as one would expect to see at any common workplace.</p>
<p>ANIMAL PSYCHOLOGY Grade Level: 9, 10, 11, 12 Course Code: SCI 613 Credit: .5 CTE and Science Pre-Requisite: None</p>	<p>This course will cover the science and management aspects of raising farm animals. Animal genetics, nutrition, digestion, reproduction, artificial insemination, and embryo transfer will all be studied in both a lecture and "hands on" laboratory environment. Animal lab work and dissections are a component of this course.</p>
<p>HORTICULTURE Grade Level: 9, 10, 11, 12 Course Code: AGR 615 Credit: .5 CTE and Science Pre-Requisite: None</p>	<p>Students will participate in learning the science required for the commercial production of bedding plants and hanging baskets. A large part of this class will be spent in the greenhouse performing "hands-on" activities with various plants and propagation methods such as tissue culture and hydroponics. Turf and landscape management units may be explored.</p>
<p>BIOTECHNOLOGY Grade Level: 11, 12 Course Code: SCI 642, 643 Credit: 1.0 CTE & Science Pre-Requisite: None</p>	<p>This course provided experiences in biotechnology related to plant and animal agriculture. Students will complete hands-on activities, projects, and problems designed to build content knowledge and technical skills in biotech. Students will become proficient in micropipetting, bacterial cultures and transformations, electrophoresis, and polymerase chain reaction. This class is for students looking to dive into a higher level agriculture science and gain some real hands on industry skills.</p>

<p>FLORAL DESIGN Grade Level: 9, 10, 11, 12 Course Code: AGR 614 Credit: .5 CTE and Fine Art Pre-Requisite: None</p>	<p>Students in this course will learn the basics of floral design, including principles and elements of color theory, tools of the trade, handling and flower identification and how to cut flowers, principles of art applied to floral design, and the mechanics of flora design. Projects include various centerpiece arrangements, boutonniere and corsage designs, and holiday pieces. Students will also learn the business and financial aspects and careers related to the floral design industry. Agribusiness units will be introduced in advertising sales, merchandising, and operating a retail floral business with the help of some local industry representatives.</p>
<p>ARCHITECTURE, ENGINEERING, & TECHNOLOGY</p>	
<p>BEGINNING WOODS Grade Level: 9, 10, 11, 12 Course Code: WDS 601 Credit: .5 CTE Pre-Requisite: None</p>	<p>Learn the design process and create several projects while learning how to safely and effectively use hand tools, portable power tools, and professional level wood working machinery. Through both required and independent projects, students will have the opportunity to design and build several small projects as they develop knowledge and skills.</p>
<p>CYBERSECURITY Grade Level: 9, 10, 11, 12 Course Code: CTE 207 Credit: .5 CTE Pre-Requisite: None</p>	<p>Cyber / Computer Forensics A program focusing on the principles and techniques used to identify, search, seize and analyze digital media and to conduct cyber investigations against criminal and terrorist activity using sound handling and examination procedures. May include instruction in computer boot processes and drives, jumper setting, file access and reconstruction, network systems, cryptography, programming, investigative techniques forensic imagery, web-based investigation methods, cyber terrorism, and applicable laws and administrative procedures. May also include instruction in data recovery, and preservation of digital culture heritage.</p>
<p>VIDEO GAME DESIGN Grade Level: 9, 10, 11, 12 Course Code: CTE 211 Credit: .5 CTE Pre-Requisite: None</p>	<p>Learn more about computer science through the process of how a video game is conceived, how it is put together, and how it is published. Students will be introduced to the game design process, elements of game play, creating game documentation, and scripting.</p>
<p>WEB DESIGN (CTE Dual Credit) Grade Level: 9, 10, 11, 12 Course Code: BUS 615 Credit: .5 CTE and Fine Art Pre-Requisite: None</p>	<p>This course is designed for the student who has limited knowledge of programming and /or creating web pages. Learn the basics using primarily HTML and CCS to create webpages featuring arrays, objects, loops, and more. Create simple games and programs to showcase what you have learned. CCS is a language and the emphasis will be on syntax, logic and commands to help students develop a foundation in which they can build upon in future courses.</p>
<p>3D ENGINEERING & DESIGN Grade Level: 9, 10, 11, 12 Course Code: VOC 601 Credit: .5 CTE Pre-Requisite: None</p>	<p>This is an introductory course in 3D design and drafting. We will focus on various forms of graphic communications utilizing various mediums: freehand sketching and CAD systems, Computer Aided Design software (AutoCAD, and Rhino 3D modeling).</p>
<p>TRADE SKILL FUNDAMENTALS Grade Level: 11, 12 Course Code: CTE 320 Credit: .5 CTE Pre-Requisite: None</p>	<p>This class will explore the various areas of the trade industry including hydraulics, auto, diesel, renewable energy, HVAC and surveying. Each workplace skill will include hands-on learning with industry representatives. Leadership training will also be included in this class.</p>

<p>MANUFACTURING FOUNDATIONS Grade Level: 10, 11, 12 Course Code: VOC 604 Credit: 1.0 CTE Pre-Requisite: Beginning Woods</p>	<p>Students learn and applying modern manufacturing in a project base course held at Lynden Door.</p>
<p>ADVANCED MANUFACTURING FOUNDATIONS Grade Level: 11, 12 Course Code: VOC 605 Credit: 1.0 CTE Pre-Requisite: Woods, Man. Found.</p>	<p>Continuation of Manufacturing Foundations. Students learn certified manufacturing skills.</p>
<p>VISUAL & DIGITAL ARTS</p>	
<p>BROADCAST JOURNALISM I Grade Level: 9, 10, 11, 12 Course Code: ART 608 Credit: .5 Fine Arts and CTE Pre-Requisite: None</p>	<p>Students will learn and practice techniques in video and audio recording including editing, motion graphics, investigative reporting, journalism ethics, verbal communication, and presentation. Students will work individually and in groups to create videos for public view.</p>
<p>BROADCAST JOURNALISM 2 Grade Level: 9, 10, 11, 12 Course Code: ART 611 Credit: .5 Fine Arts and CTE Pre-Requisite: Broadcast Journalism I</p>	<p>Broadcast Journalism is run like a television news studio. Under the direction of the instructor, students create an engaging news broadcast daily. Students learn techniques in video and audio recording and editing, investigative reporting, journalism ethics, verbal communication and presentation, graphic digital arts, leadership and project management, as well as other broadcast skills and techniques</p>
<p>GRAPHIC ARTS (CTE Dual Credit) Grade Level: 9, 10, 11, 12 Course Code: ART 606 Credit: .5 Fine Arts and CTE Pre-Requisite: None</p>	<p>This is a survey class for those considering the field of graphic arts. In this class we cover photography, illustration and layout. Students are expected to apply techniques they have learned using the Adobe Suite software. Specifically, they will study Photoshop, Illustrator, InDesign and Dreamweaver. Design theory and composition will also be integrated in the curriculum. As a culminating activity, students will design a full page magazine ad and logo for a client. They will be judged on design components as well as their ability to effectively use the software.</p>
<p>BUSINESS & MARKETING</p>	
<p>APPLIED ENGLISH (CTE Dual Credit) Grade Level: 12 Course Code: BUS 608, 609 Credit: 1.0 CTE and English Pre-Requisite: None</p>	<p>This applied English course focuses on the workplace communication skills needed to send, receive, and process oral and written information. Along with a review of writing fundamentals, learners will use principles of clear communication, professionalism, and cultural awareness in occupational contexts. Learners will sharpen their reading, writing, and presentation skills.</p>
<p>ENTREPRENEURSHIP Grade Level: 9, 10, 11, 12 Course Code: BUS 619 Credit: .5 CTE Pre-Requisite: None</p>	<p>A course that generally prepares individual to perform development, marketing and management functions associated with owning and operating a business. Students learn the basics of planning and launching their own successful business. Whether they want to start their own money-making business or create a non-profit to help others, this course helps students develop the core skills they need to be successful. They learn how to come up with new business ideas, attract investors, market their business, and manage expenses.</p>

ADMINISTRATIVE ASSISTANT Grade Level: 11, 12 Course Code: BUS 607 Credit: .5 CTE Pre-Requisite: Instructor/Counselor approval	Students selected for this course work in the main office, attendance office, Library, and counseling office. Administrative assistant duties include answering phones, distributing materials, preparing mailings, and filing, maintaining office supplies, and being a receptionist. Students will develop skills in office safety, human resources, customer service, and communications. Excellent communication skills, attendance, and initiative are required. This class is graded Pass/Fail.
BUSINESS LEADERSHIP Grade Level: 11, 12 Course Code: BUS 610 Credit: .5 CTE Pre-Requisite: FBLA officers only	For students who take a leadership role in FBLA, those duties may be done during the school day. Responsibilities include membership, marketing, concession stand management, conference registration, competition preparation, event coordination, and communications. This course is repeatable.
CAREER CHOICES & Internships Grade Level: 11, 12 Course Code: Semester 1 – OCC 601 Semester 2 – OCC 604 Credit: .5 CTE Pre-Requisite: None	This course is designed to provide students with experience in a work or volunteer setting, either paid or non-paid. The student should arrange to have a part-time position with 8-10 weekly hours, prior to the term they have the class. Classroom work will be one day per week and will cover a variety of work-related issues. The goal of this class is to provide career exploration and introduce students to career experiences that will assist with career choices, and help them to become a great employee. Note: Must be taken 6th period
HEALTH CARE	
CHILD DEVELOPMENT Grade Level: 9, 10, 11, 12 Course Code: HEC 611 Credit: .5 CTE Pre-Requisite: None	Focus on pregnancy, prenatal development and infant care through first two years of life. Hands on projects include caring for egg baby and computerized baby care experience. Studying the physical, social, emotional, intellectual aspects of development, including the importance of bonding and attachment during the first years of life.
SPORTS PERFORMANCE TRAINING Grade Level: 9, 10, 11, 12 Course Code: SCI 617 Credit: .5 Science and CTE Pre-Requisite: None	This course will teach students how to plan workouts and diets. Topics include performing a client assessment; evaluating types of movement of a sport; training the aerobic and anaerobic energy systems for explosive and endurance activities; plyometrics; improving speed; agility training; and periodization to peak at the appropriate time while avoiding overuse injuries. Completion of this course prepares students to pass national Personal Trainer exams.
SPORTS MEDICINE INJURY CARE Grade Level: 9, 10, 11, 12 Course Code: SCI 616 Credit: .5 Science and CTE Pre-Requisite: None	This course will focus on prevention, evaluation, treatment and rehabilitation of sports injuries. Topics covered include bandaging and taping; emergency care; evaluation and common injuries to the ankle, knee and shoulder; using ice, heat and electric treatment modalities; and developing a rehabilitation program. Students will also have the opportunity work with LHS athletic teams and visit professionals at work in the various careers they are exploring. A good class for anyone interested in becoming an EMT, Paramedic, Athletic Trainer, Physical Therapist, Orthopedic Physician, Occupational Therapist, Physical Therapy Assistant or other related careers.
SPORTS MEDICINE – After School Athletic Training Practicum Grade Level: 9, 10, 11, 12 Course Code: SCI 419 Credit: .5 Science and CTE Pre-Requisite: None	This course explores the profession of a Licensed Athletic Trainer. It includes prevention of sports injuries; taping; emergency planning; CPR & first aid; evaluation of joints along with common injuries; rehabilitation of sports injuries; and administration of a sports medicine. Students will be given the opportunity to work with LHS athletic teams and gain an additional .5 credit as a student athletic trainer. Also, students who qualify may compete in the Washington State Sports Medicine competition. This course is good for students considering a healthcare career such as athletic training, physical therapy, orthopedics, nursing, EMT/emergency medicine, and others.

<p>MATHEMATICS Pre-Algebra Grade Level: 9, 10, 11, 12 Course Code: SPE 611, 612</p> <p>Financial Math Grade Level: 11, 12 Course Code: SPE 613, 614</p> <p>Credit: 1.0 Mathematics Pre-Requisite: IEP Placement</p>	<p>Our Math program offers students a skill-based approach to reaching Washington State learning standards in math. These two courses are designed to meet students' IEP goals by providing direct instruction in calculation skills and other basic mathematical concepts. In addition to developing these basic mathematical skills, instruction is provided in math strategies and vocabulary strategies.</p>
<p>COMMUNITY TRANSITIONS Grade Level: 12 Pre-Requisite: Teacher Permission</p>	<p>Community Transitions is a program designed to assist young adults 18-21 transitioning from high school to adult living situations. Program components include instruction and support to students in vocational and academic settings to encourage independent living. Instruction is offered individually and in small groups to assist students in completing their transition plans. The student's IEP team determines student placement in this program. Recommended eligibility for this program includes: 1) 4 years of high school attendance 2) minimum of 10 high school credits earned 3) age of 18 years 4) incomplete transition goals and objectives</p>
<p>OTHER ELECTIVES</p>	
<p>MATH PEER TUTOR Grade Level: 10, 11, 12 Course Code: ELC 626 Credit: .5 Elective Pre-Requisite: Algebra 2</p>	<p>Math peer tutors will explain concepts, answer questions, provide examples, and offer feedback on assignments or tasks. In addition, work with student one on one and in small group settings.</p>
<p>LEADERSHIP Grade Level: 9, 10, 11, 12 Course Code: ELC 605 Credit: .5 Elective Pre-Requisite: None</p>	<p>The Leadership Class is a place to get involved in your school and community at the grass roots level. The structure of this class will consist of group activities, planning for school/community events, individual projects, and the learning and practicing of leadership qualities/skills both as a group and individuals. Leadership is responsible for most assemblies, drives, dances, as well as community contributions.</p>
<p>AVID 9, 10, 11, 12 Grade Level: 9, 10, 11, 12 Course Code: AVID 9 - ELC 634, 635 (YEAR LONG) AVID 10 - ELC 636 (SEMESTER 2) AVID 11 - ELC 638 (SEMESTER 2) AVID 12 - ELC 640 (SEMESTER 1) Credit: 1.0 or 0.50 Elective Pre-Requisite: Application (Mr. Kish)</p>	<p>(Advancement Via Individual Determination) AVID is designed to increase school-wide learning and performance. The mission of AVID is to ensure that all students enrolled complete a college preparatory path. With AVID providing support, students enrolled in AVID are required to take rigorous courses, maintain an organized binder, participate in community service activities, and commit to making school a priority in their lives. Areas addressed are organization, time management, test taking, study skills, writing, and navigating the college and scholarship application process. Students enrolled in AVID commit to the program for the duration of their high school career. AVID students are required to enroll in at least one AP or College in the High School course by their senior year, take the PSAT, the SAT, and/or the ACT, and apply to a minimum of one four-year university. Students are also required to sign an academic and behavior contract as part of the program. There is a program expectation to maintain grades of C or higher in all classes.</p>

<p>INSTRUCTIONAL ASSISTANT Grade Level: 11, 12 Course Code: AST 609 Credit: .5 Elective Pre-Requisite: Application Mrs. Wilde (Registrar)</p>	<p>Students providing tutoring and instructional support in the classroom</p>
<p>MULTILINGUAL ACCESS Grade Level: 9, 10, 11, 12 Course Code: ELC 617, 618 Credit: 1.0 Elective Pre-Requisite: ML qualified students</p>	<p>This course is for Multilingual Learners that would benefit from additional support in the day to focus on homework assignments, test preparation, completion of projects, and continued Language acquisition.</p>
<p>AP EXAM PREP Grade Level: 11, 12 Course Code: ELC 670 Credit: .5 Elective Pre-Requisite OR Co-Requisite: Success in <u>related</u> course. Examples:</p> <ul style="list-style-type: none"> • Exam AP Comparative Government – AP US Government • Exam AP Environmental Science – General Science and World Geography or Human Geography courses • Exam AP US History – US History or CIHS US History <p>Exam AP Physics 1 – Physics</p>	<p>In this seminar course, students will work in a collaborative environment to prepare to take AP exams based on previous <u>non-AP coursework</u>. This course will be focused on synthesizing learning from earlier or concurrent courses and, therefore, students should enter this course having experienced high academic success and understanding in certain courses taken previously or concurrently. Students will receive teacher guidance and support as they work in student-led small groups and work toward self-directed goals.</p>
<p>GUIDED STUDY Grade Level: 9, 10, 11, 12 Course Code: ELC 615, ELC 616 Credit: .5 Elective</p>	<p>Guided Studies (G.S.) is a course that will help students build a strong academic identity and foster social responsibility in the high school setting. In addition to tutorial time that will provide students with assistance for their studies in other curricular areas, Guided Studies will focus on study skills and organizational strategies. Guided Studies will assist all students in creating academic success at the high school level so that students may achieve their post-high school goals.</p>
<p>GUIDED STUDY CR (credit recovery) Grade Level: 9, 10, 11, 12 Course Code: ELC 607, ELC 608 Credit: .5 Elective</p>	<p>Guided Study Credit Recovery is a course designed for students who have failed courses required for graduation.</p>
<p>BTC & WCC RUNNING START Grade Level: 11, 12 Course Code: Running Start BTC Full Time – RUN 604 Running Start BTC PM – RUN 606 Running Start WCC Full Time – RUN 601 Running Start WCC AM – RUN 602 Running Start WCC PM – RUN 603 Credit: VARIES Pre-Requisite: See Course Description</p>	<p>Running Start is a statewide program that allows qualified high school juniors (3.2 GPA + min. of 16 credits) and seniors to receive college credit while completing high school requirements. Students are enrolled simultaneously in LHS and college classes (or just college classes) and are awarded dual credits by their high school and college. While Running Start students may not have to pay full tuition charges, students and/or their families are responsible for expenses such as the Running Start Fee per credit, class fees, program fees, books, supplies, and transportation.</p> <p>In addition, students whom meet the pre-requisites and plan to attend running start, it is their responsibility to take next steps with the college to register for classes. We also ask that each student/parent sign a memorandum of understanding between LHS and student that clarifies the expectations, responsibilities, and possible challenges. Please see you counselor with questions.</p>



2023-2024 Course Offerings

Northwest Career & Technical Academy

The Northwest Career & Technical Academy is an extension of your high school where innovative educational opportunities are available. Programs offered will provide you with the skills, knowledge, and professional leadership training necessary for the workplace or continuing education through an apprenticeship, community college, or university. The NCTA is tuition free for high school students; however some programs may have industry related costs/lab fees. Please see the NCTA Catalog for full course descriptions, course requirements, high school credit equivalencies, college credits and industry certifications. Apply online at ncta.smapply.io! (Campus location noted in parentheses.)

*Below are the programs offered at the Local **MERIDIAN** site – Check website for the other programs offered at Anacortes, Mount Vernon, and Sedro Woolley info@nwtech.k12.wa.us 360 848-0706*

Fire Science & EMS instills the proud tradition of serving communities with selfless dedication. The honor of becoming a firefighter is one sought after by many but bestowed upon only a few. Training to become a firefighter is exciting and meaningful. The NCTA Fire Science and EMS program offers professional instruction, amazing facilities, and endless opportunities to not only learn the skills necessary to become a firefighter/EMT, but also the skills to be an integral part of a community emergency response team in your own neighborhood. Students earn their ICS 100 and 200 certificates from FEMA. Additionally, this course lays the groundwork so students can pursue their Firefighter I, Firefighter II, HazMat Operations, and EMT certificates upon turning 18 years of age. (Mount Vernon and **Meridian HS**)

Welding is an industry-based shop environment designed for the student who would like to develop a deeper understanding of metalworking as a foundation for continuing education or joining a job-ready market. Students are trained in the basic skills of welding, cutting, shielded metal arc welding, gas metal and flux cored arc welding, gas tungsten arc welding, and many other areas. Additionally, this program trains students in blueprint reading, math, layout and fit-up, and fabrication of a wide variety of projects. (Sedro Woolley and **Meridian HS**)