Lynden Christian High School

2023-2024

Course Catalog

Graduation & Course Planning Guide 2023-2024

Lynden Christian High School is committed to all students graduating ready for their next step, whether it be college or career. This guide is intended to support students and families in navigating course registration for next year as well as their broader high school plan and beyond. This guide begins with general information and an overview of programs at LCHS and is followed by specific course offerings.

General Information

This catalog provides information about all courses that may be offered at Lynden Christian High School next year to assist student 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 parents, counselor, teachers, 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.

Understanding Credits & Graduation Requirements

Students at Lynden Christian High School take seven classes per semester. Some of those classes will only last one semester (0.5 credits), while others continue for the full-year (1.0 credits). In total, a student can earn up to seven (7.0) credits per year. Credits are the currency used to earn a diploma. Students in each graduating class are required to earn a specific number of credits in each content area to graduate.

	Class of 2022 and beyond
Bible	2
English	4
Math	3
Science	3
Social Studies	3.5
Physical Education	1.5
Arts	2
CTE 0.5 CTE Technology 0.5 CTE Business 0.5 CTE Home & Family/Vo-Ag	1.5
World Language	2
Electives	1.5
Credits Required	24

These are the minimum HS graduation requirements. However, most four-year colleges require additional credits, typically in the core academic content areas. Please talk with the counselor and talk with the college/university you are interested in attending to determine what is required.

Grading

Students will earn .5 credit and a permanent grade at the end of each semester in each class. Students/Parents are encouraged to keep up with progress through the use of Schoology (https://lyncs.schoology.com). If you need your user name or password, please call the school office.

A	95-100%	C	73-76%
A-	90-94%	C-	70-72%
B+	87-89%	D+	67-69%
B	83-86%	D	63-66%
B-	80-82%	D-	60-62%
C+	77-79%	F	59% or below

Academic Honor Roll

The honor roll will be composed of full-time students who maintain a 3.6 GPA or better, while enrolled in 6 or more classes.

High School Credit

A student who successfully completes a semester course receives .5 credit toward graduation. No credit is earned for a course where a student earns a grade "F" or "I" OR when a student repeats a course.

Repeated Courses

All repeated courses must be included on the transcript, along with the credits earned in each of those courses. If a course was retaken for grade improvement, the higher grade earned in a course is included in the calculation of the student's GPA. The credit of the lower graded course will be reported as 0.00 on the transcript. OR, the credits from the repeated course may be counted if both grades earned in the course are factored into the GPA calculation (e.g., two semesters of the same choir course). In this case, the course with the lowest grade counts only as elective credit. Otherwise, credits from only one course may be counted.

Honor Cords

Students will be eligible to wear a blue honor cord if they have maintained a cumulative 3.6 GPA. The cumulative GPA is calculated after the 1st semester of senior year. National Honor Society students will be recognized with a gold cord.

Valedictorian

Seniors who have earned a 4.0 Cumulative GPA and above (calculated after the 1st semester of senior year) will be eligible to serve as a valedictorian for their senior class.

Schedule Changes and Class Drops

Student schedule changes are made ONLY for the following reasons:

- Improper placement
- Access to course needed to graduate on time

Counselors reserve the right to change schedules in order to balance class size. If a student wishes to change a class for a reason listed above, students must make an appointment with their counselor within the first 10 days of the course. At any time during the year, changing a class for reasons other than the above stated will result in an "F" on the student's transcript.

Advanced Placement (AP)

Advanced Placement courses are college level courses offered in the high school. Students in AP courses may earn college credit or advanced placement upon entrance to college if they perform well on the national AP test. There is a cost to take the AP test. With these benefits comes additional rigorous course work. See Proposed Tuition and Incidental Fee Schedule for details. LCHS expects that students who sign up for AP classes remain in the class for the full year and take the AP test. The following AP Courses are offered and described further in this catalog:

- AP Art
- AP Biology
- AP Computer Science Principles
- AP English Language
- AP Environmental Science
- AP Physics
- AP Chemistry

CTE Dual Credit

The Career and Technical Education 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. These courses meet the entry-level course requirements of comparable college courses at local community and technical colleges. Students who take CTE Dual Credit courses earn both high school and college credit provided the student demonstrates proficiency in the identified college course competencies with a "B" or better grade. CTE Dual Credit credits are primarily intended for two-year technical education programs in Washington's community and technical college system. For additional information contact the Counseling Center or the teacher of a CTE Dual Credit class. Courses are offered and described further in this catalog:

- Technology Connections
- Graphic Arts

College in the High School

College in the High School (CIHS) is a cooperative program between local school districts and Community Colleges and Universities. The program allows students to earn college credit by completing approved courses at the HS with a strong final grade (often B or better) and paying a credit fee to the college. Courses are taught by qualifying high school teachers who work closely with the college faculty mentors to insure alignment between the HS and college version of the courses. While any student may take a CIHS class, only students in grades 10-12 qualify to earn college credit. Courses are offered and described further in this catalog:

- Everett Community College Math 146 – Introduction to Statistics (5 credits)
- UW Biology 118 – Survey of Anatomy (5 credits)
- UW Computer Science 142 – Computer Programming I (4 credits)
- UW Computer Science 143 – Computer Programming II (5 credits)
- UW English 111 – English Composition: Literature (5 credits)
- UW English 131 – English Composition: Exposition (5 credits)
- UW Math 120 – Precalculus (5 credits)
- UW Math 124 – Calculus with Analytic Geometry I (5 credits)
- UW Math 125 – Calculus with Analytic Geometry II (5 credits)

College & Post-Secondary Entrance Requirements

Requirements for entrance to four-year colleges vary and may change annually. For example, UW has substantially modified its admissions approach, moving from a numerical index compiled from GPA and SAT scores to a more holistic approach. Besides academic performance, universities often consider factors such as whether a student has overcome personal or social adversity; if they challenged themselves academically; their leadership skills and extracurricular interests. Also, the personal essay is heavily considered. For the most current information, consult the Washington Four-Year College Book, the College Handbook, online resources at www.collegeboard.com, or a specific college catalog for entrance information. Ask your counselor for help in checking.

Part Time Student Policy

A student is considered part time if they are enrolled in 5 or fewer classes. Students considering part time enrollment should talk with a counselor by the beginning of second semester for the following year.

Part time students seeking Lynden Christian High School diploma

- Must be enrolled in a minimum of four classes per semester
- Must complete the required courses needed for a LCHS diploma.
- 18 of the 24 credits must be taken at LCHS
- Course registration priority is given to students who are registered full time or taking a minimum of four classes.
- Assigned parking spaces will not be available.

Athletics and Extracurricular Activities

- Athletics and Extracurricular Activities includes clubs, committees, grade level activities, student government positions and Christian leadership groups i.e. FFA, Cheer, Chess, Drama, JSB, Freshman Retreat, etc. See Student Handbook for complete list.
- Students participating in athletics/extracurricular actives must be registered for a minimum of four classes per semester at LCHS with another two classes from another accredited institution.
- All athletes will need to receive approval for off campus courses. The athlete will need to show proof of registration, quarter grades and a final report for the two courses taken off campus. It is important to meet with the Athletic Director to make sure the WIAA guidelines are being followed.

Students taking 1-3 classes

- When students are on campus for 1-3 classes, they must sign out each day at the office. They are not allowed to "wander" the hallways, attend classes with other friends, stay in the library/computer lab, etc.
- They are not allowed to participate in school activities.
  Examples: Retreats, JSB, Grade Level Events, etc.
- Assigned parking spaces will not be available.

Running Start

- Current Washington state legislation allows high school juniors or seniors, with a recommended 3.2 GPA or higher, to attend their local community college or technical school and simultaneously earn high school credit and college credit. Running Start is done through the student's local school district.
- Students who are enrolled in full time running start will not receive a LCHS diploma.
- Student who are enrolled in part time running start may be eligible to receive a LCHS diploma. Please talk with the counselor to determine eligibility.

- If a student has left LCHS for Running Start and wishes to return for second semester, they must register for a full course load in order to participate in senior year activities and in graduation.

Transfer Students

- Students transferring in must meet our graduation requirements—required courses and number of credits.
- When a student transfers in as a senior, they are required to attend fulltime in order to participate in all senior activities, including graduation.

Tuition/ASB/Student Fees/Book Rental

- Tuition will be adjusted when enrolled in four or less courses. This will be assessed at the beginning of each semester.
- Will be charged the full student fee (nonrefundable).

Agricultural Science & Industrial Fabrication	**Students are required to earn 1.5 credits of Career & Technical Education over their High School career. 0.5 Credits of Technology, 0.5 Credits of Business and 0.5 Credits of either Home & Family or Vocational Agriculture.** **These credits can be earned through the courses offered in the Computer Science & Engineering or Home & Family or Vocational Agriculture department.** **See appendix B*
Introduction to Agriculture **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*Introduction to Agriculture* is a one semester course providing an overview of the field of agriculture. Units of study explore horticulture (potatoes, vegetables, apples, and berries) and livestock (beef, sheep, swine, horses, and goats). We also introduce the FFA program and teach leadership skills and parliamentary procedure. We use the local community to explore these various phases of agriculture by having speakers in class and taking field trips around our community.
2-Dimensional Computer Aided Design (2D CAD) **Grade Level:** 9,10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*2D CAD* is a one semester introductory course in computer aided design that focuses on two-dimensional designs. This class introduces students to engineering principals and software used in architecture, manufacturing and shop processes. Students will use gain experience in planning, organizing and producing drawings and products commonly found in business and industry. The AutoCAD software program, from Autodesk, will be used in class to introduce students to how their drawings can be used by Computer Numerical Control (CNC) 2D cutting machines to create parts. *For this class it is recommended to have a computer with an Intel i5 and 4g of RAM or better.*
3-Dimensional Computer Aided Design (3D CAD) **Grade Level:** 9 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*3D CAD* is a one semester introductory course that will exposure students to a variety of practices to achieve a three-dimensional product. In this course students will be learning Fusion360, from Autodesk. Engineering aspects of design will encompass the tools and equipment, and how they affect the materials utilized that will apply in a variety of trades. *For this class it is recommended to have a computer with an Intel i5 and 4g of RAM or better.*
Woodshop I **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*Woodshop I* is a one semester introductory course designed for students who wish to learn fundamentals skills and how to design and build creative projects that utilize proper woodworking techniques. This class includes wood working and project design, safety, proper use of tools, and equipment fundamentals of building construction. No prior shop experience needed.

Woodshop II **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** Woodshop I or 8th grade Woodshop	*Woodshop II* is a one semester course that builds upon the skills and experiences gained in the Woodshop I course. It will focus on both furniture and cabinet making skills, such as box joints and dovetail joinery.
Welding **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*Welding* is a one-semester course in welding and metal fabrication. After three weeks of classroom instruction including safety and welding techniques, the rest of the semester will be spent learning welding skills in the shop. Areas to be covered include proper operation of equipment Oxy/fuel, Sheet Metal Arc Welding, Gas Metal Arc Welding & Gas Tungsten Arc Welding. Students will also be introduced to Computer Numerical Control (CNC) plasma cutting. *This class requires a pair of welding gloves, boots, and coveralls.*
Mechanical Systems **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** Woodshop I & Welding	*Mechanical Systems* is a one semester course that will take you through the history, application, and the future of using mechanical aptitude to build onto the world in which God has provided for us. This class requires completion of *Woodshop I & Welding* for safety and familiarity of concepts in both shop spaces. We will start small and grow the concepts into equipment troubleshooting, disassembly, repairing and acquiring resources necessary to make those steps. In this course you will be learning about engines, hydraulics, electrical and plumbing systems. This course takes academics to a practical application, expanding general knowledge and making connections to how they apply in the trades. The skills learned in this class are practiced and could put you ahead in many fields including Agriculture, Automotive, Heating/Ventilation, Manufacturing, Mining, Refining, and General Repair. *It is recommended to have a computer with an Intel i5 and 4g of RAM or better for CAD software. Welding gloves, Boots, and Coveralls will also be needed.*
Construction Trades **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** Mechanical Systems	*Construction Trades* is a one-semester course that requires completion of *Mechanical Systems* prior to enrolment in Construction Trades. This class will build upon the skills learned in Mechanical Systems and is designed to make you successful in a trade which will have you wearing many hats. In this course students will gain experience with the AutoCAD software for designing projects and with Excel for managing project budgets. Students will learn what it takes to take a project from conception to production. Emphasis will be placed on sourcing and ordering within budget, working within a set timeline, and driving the project through completion including delegating or performing the work with an expectation of quality in attitude, integrity, and aesthetics. *It is recommended to have a computer with an Intel i5 and 4g of RAM or better for CAD software. Welding gloves, Boots, Toolbelt and Coveralls will also be needed.*
Project Shop I & II A/B **Grade Level:** 11, 12 **Credit:** 0.5/0.5 CTE **Prerequisite:** Industrial Arts	*Project Shop I and Project Shop II* are two-semester (yearlong) courses designed for students who have successfully completed the *Mechanical Systems and Construction Trades* courses and seek an opportunity to have a long-term project. Students will be encouraged toward something meaningful that helps community or family. This could potentially be a yearlong project that must be fleshed out in a written plan including scaled and dimensioned drawings before commencing. Projects will be recorded throughout the process and final products displayed at the Lynden Fair and/or auctioned off through societal auctions.

Floral Design **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** none	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.
Horticulture I **Grade Level:** 9,10, 11, 12 **Credit:** 0.5 Science or CTE **Prerequisite:** none	*Horticulture I* is a one semester course that deals with ornamental plants. The student will learn about soil, pH, water and fertilizers as they relate to plant growth. Reproduction and cultural practices are studied. Approximately one third of the time is spent in the greenhouse putting knowledge to work. The class also does service projects for others by helping with garden projects. The semester is completed with a plant sale.
Horticulture II **Grade Level:** 10, 11, 12 **Credit:** 0.5 Science or CTE **Prerequisite:** Horticulture I	*Horticulture II* is a one semester course that incorporates what has been learned in *Horticulture I* and applies it to landscaping. Students will design a landscaping plan and present it to a client. With Horticulture I experience, students will take the lead on the plant sale, do service projects, and take a variety of field trips and engage with guest speakers, based on student interest.
Veterinary Science **Grade Level:** 10, 11, 12, *9th with Instructor approval **Credit:** 0.5 Science **Prerequisite:** Biology A/B (preferred)	This course will introduce the foundational concepts of experience in the field of Veterinary Medicine. As part of the Christian mandate to care for creation, students will explore the challenges and joys of agricultural animal care. Students in this course will have the opportunity to explore Vet Science careers, problem-solving, data analysis, various levels of terminology, and animal care through project-based learning, teamwork, and hands-on activities. In addition, students and instructors of this course will collaborate with the materials of the National FFA Veterinary Science Career Development Event. All students in this course are eligible to be considered to compete in that event in the spring semester.
Worksite Learning Opportunity **Grade Level: 11, 12** **Credit:** 0.5 CTE **Prerequisite:** CTE Director & Counselor permission	*Worksite Learning:* Students may earn credit for learning done through an approved worksite learning program. Currently Lynden Christian has worksite learning opportunities through Lynden Door's Technique Program, Andgar and Carl's Mower & Saw. Other opportunities exist at other companies. Please see CTE Director or Counselor for more information and how to apply.

Art	**Students are required to earn 2.0 credits of Fine Arts over their High School career.** Fine Arts credit can be earned through the Art department, Music department or Drama course in the English Department.
Introduction to ArtGrade Level: 9, 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** none	Art begins with the theme, "In the beginning God created..." (Genesis 1:1) and "So God created man in His own image" (Genesis 1:27). As image bearers of God, we also are creative beings, who need to develop our creativity. Throughout *Intro to Art* basic principles—line, shape, form, texture, and color are taught to enable development. A variety of media are explored—pencil, ink, collage, clay, etc. Students become acquainted with these art materials and principles of art by working with them and by seeing them in the work of others. In addition, basic drawing skills are taught through guided practice. Intro to Art involves a broad range of media (tools and materials used to create art), techniques (the way a medium is used), and applications (the procedure of making art using a particular medium). Class time will be spent in a combination of teacher presentations, demonstrations, and studio work. Classwork includes several types of drawing using a variety of media, styles and subject matter, clay projects, the exercise of art evaluation, and the exploration of art history.
Intermediate Art **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite**: Introduction to Art	*Intermediate Art* builds on skills learned in *Intro to Art* with more extensive lessons in Drawing, Painting, Sculpture, Ceramics, Art Aesthetics, and Art History. Class time will be spent in a combination of teacher presentation, demonstrations, and studio work. We see God's planned order all around in the natural world—a structure of rules governs the physical world. We can depend on this structure. For example, red + yellow = orange. ALWAYS!! We respond to the gift of God's creation by learning all we can about it, the vocabulary, the rules, its limitations, the care of it and by enjoying it and using it to create new things.
Advanced Art **Credit:** 0.5 Fine Arts **Grade Level:** 10, 11, 12 **Prerequisite:** Intermediate Art	Students will continue to strengthen their creative muscle by stretching and exercising it through creating personal art projects. Students will be required to plan, research, and carry out art projects according to an approved calendar worked out between the teacher and student. Evaluation will be carried out week by week as documented in student journals. *Advanced Art* can be repeated by students who demonstrate concerted effort and desire to develop their talents.
Advanced Art – Mural Painting **Credit:** 0.5 Fine Arts **Grade Level:** 10, 11, 12 **Prerequisite:** Intermediate Art	Students will expand on painting techniques to support the production of a site specific and collaborative mural art painting at Lynden Christian Schools. This course is formatted to offer students an experience in collaboration with other artists as well as with a "client" (the recipient of the mural art). The following will be expected in this class: harmonious teamwork, site & client meetings, presentation of the design to client, translation of design to site wall, actual production of artwork via team, managing set up/ clean-up/ take down per each work session, documenting the painting progress, and meeting the completion deadline. *This course is offered during odd graduation years*

Advanced Art – Sculpture **Credit:** 0.5 Fine Arts **Grade Level:** 10, 11, 12 **Prerequisite:** Intermediate Art	Students will learn about various techniques to address three-dimensional form by designing and creating dynamic sculptures in a variety of media, including cardboard, wood, and metal. This course challenges students to think about space as part of the solution to open ended problems based on classic and contemporary art. *This course is offered during even graduation years*
AP Studio Art A/B **Grade Level:** 11, 12 **Credit:** 1.0 Fine Arts **Prerequisite:** Intermediate Art	This year-long course is intended for students who have expressed an interest in completing an AP Drawing, AP 2-D Design, or AP 3-D Design Portfolio submission. This course encourages and expects the systematic investigation of formal and conceptual issues in Drawing, 2-D Design, or 3-D Design. All students will develop a portfolio that contains two sections: Sustained Investigation and Selected Works. Sustained Investigation is the exploration of different media and ideas, while Selected Works are the final five cohesive artworks that are sent in as part of the AP Art portfolio. Students will be expected to solve creative problems using their knowledge of elements and principles of design in Drawing, 2-D Design, or 3-D Design. Students will use a range of conceptual approaches as well as show technical skill in a variety of mediums and familiarity of traditional and contemporary approaches to art. Class assignments will challenge students to set and achieve creative goals. The expectation is that students will be involved in a sustained investigation of both aspects of portfolio development: Sustained Investigation and Selected Works.
Filmmaking **Grade Level:** 10**,** 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** none	The purpose of this course is to provide a balanced visual arts program, which guides students to achieve the standards in the visual arts. In Filmmaking, students experience both the creative and technical aspects of filmmaking in conjunction with learning about historical and contemporary traditions. Story writing, story-based display, basic visual composition, and general reproduction skills will be included with camera techniques, animation, and line action planning. Traditional filmmaking traditions may be extended with video and multimedia technologies. Interdisciplinary experiences and arts activities lead to refining a personal aesthetic, and a heightened understanding of career opportunities in art and arts-related fields. While learning the principles and techniques of the filmmaking process, students will be guided through the importance of this visual medium in the Christian worldview. They will also discuss a missional perspective of Christians in the industry.
Floral Design **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** none	In this one semester course, students in this 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.
Graphic Art **Grade Level:** 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** Intermediate Art	As our world moves towards an information sharing community, more jobs are available in the graphics fields. For students who are gifted in art and plan to enter commercial art fields, or would like to explore their gifts, this course will provide an introduction to basic terminology, visits from local professionals, and practical lab application. The course will include units in elements and principles of design. In the computer lab, students will learn Graphic Art basics using primarily Adobe Photoshop, and Illustrator.

Advanced Graphic Art **Grade Level:** 10, 11, 12 **Credit:** 0.5 Fine Arts **Prerequisite:** Graphic Art	This course is intended to allow you to further explore graphic art and your God given creativity. Students will continue to learn how to define and critique art, explore the history of graphics and current graphic and build up a graphic art portfolio. Graphic art created in this class will be more polished, and students will have the opportunity to develop a strong body of work that clearly shows growth in their style(s) and approaches to creating digital art with a purpose.
Yearbook A/B **Grade Level:** 10, 11, 12**Credit:** 1.0 Fine Arts **Prerequisite:** Teacher Recommendation	This yearlong class has as its goal to produce a yearbook that accurately and attractively records and reflects the events of the year and the atmosphere of the school. Much time will be spent on choosing a theme and carrying it out throughout the book. Discussions to decide this will include the school's spiritual climate, history, changes, and its testimony to the faithfulness and grace of God. Students will learn basic photojournalism and will photograph assigned events using digital cameras. Adobe Photoshop will be used to size, crop, and correct photos before placing them digitally onto layouts. All pages will be designed using an online program designed by Jostens yearbook publishers. Each student will design, choose photographs for, and write or collect any copy needed for the pages they are assigned. Writing specifically for a publication will be taught—conducting an interview, creating surveys, writing effective headlines, subheadings, captions, and body copy. Students will learn and use appropriate procedures for conducting a business visit to garner advertisers. Grading is based on the quality of work and on meeting set deadlines.
Bible & Religion	**Students are required to take 2.0 credits, 1 semester each year, over their High School Career.**
Christian Ethics *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 **Prerequisite:** none	The purpose of this class is to provide students with a deeper understanding of how the truths of Scripture apply to contemporary life situations. It will equip the student with the ability to see life in the 21st Century through the eyes of faith. Through weekly Bible studies, class discussions, activities, and assignments, students will better see how the Christian life is found at the intersection of God's claim over "every square inch" of creation and culture.
Bible History and the Church *Graduation requirement **Grade Level:** 10 **Credit:** 0.5 **Prerequisite:** none	Bible History provides students with a 'big picture' survey of the Bible - from Genesis to Revelation. The grand themes of Creation, Fall, Israel, Redemption, and Restoration are explored, placing special emphasis on the ways in which each Bible book fits together in relationship with the others. Attention will also be given to the 2,000-year history of the Christian Church.
Christian Principles *Graduation requirement **Grade Level:** 11 **Credit:** 0.5 **Prerequisite:** none	The purpose of this class is to provide students with a deeper understanding of the Christian faith. It will equip students with an understanding of basic Christian theology and encourage them to make meaningful connections between the knowledge of God and daily behaviors, attitudes and choices. This class will also challenge students to become thoughtful and responsive readers of Biblical texts.

World Views *Graduation requirement **Grade Level:** 12 **Credit:** 0.5 **Prerequisite:** none	This course will introduce students to the most influential philosophies and religions of the world today, so that they will be better equipped to love their neighbor and engage the world for Christ. This course will also provide space to wrestle with (and discover answers to) many of the most common objections to the truth of the Christian worldview, and guide students towards discovering the many ways that Christianity provides a coherent, beautiful, and compelling framework for answering life's deepest questions.
Business	**Students are required to earn 1.5 credits of Career & Technical Education over their High School career. 0.5 Credits of Technology, 0.5 Credits of Business and 0.5 Credits of either Home & Family or Vocational Agriculture.** These credits can be earned through the courses offered in the Computer Science & Engineering or Home & Family or Agricultural Science & Industrial Fabrication Department.
Accounting **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE Business **Prerequisite:** none	This course will teach students to apply accounting principles and implement accounting procedures. Students will interpret and analyze business papers and records in the capacity of consumer at home or employee owner in the office enterprise. Students will use actual accounting forms and software to record business transactions for a service business that is organized as a sole proprietorship. They will be required to learn accounting terminology and understand accounting concepts, principles, and practices. In addition, students will study the relationship between accounting and business and explore career opportunities in the record keeping, bookkeeping, and accounting professions.
Business Management **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE Business **Prerequisite:** none	The focus of Business Management is to build a solid foundation of established business principles and practices that form the groundwork for all business operations. Business fundamentals such as economic, legal, and social foundations are presented along with a close look at organizing businesses, marketing products and services, financing operations, managing and developing employees, and making difficult business decisions in a dynamic, competitive atmosphere. This course provides important background for anyone considering a career in business.
Marketing **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE Business **Prerequisite:** none	Learn how effective marketing can make or break the success of a business. In this course, students explore many aspects of marketing such as product development, promotion, selling, merchandising, customer service, ethics, social responsibility and business fundamentals. Marketing principles are learned and applied through individual and group projects and guest speaker presentations. This hands-on class that provides a foundation for students planning to study business in college
Personal Finance **Grade Level:** 10 ,11, 12 **Credit:** 0.5 CTE Business **Prerequisite:** none	This course will introduce students to and help them develop a more comprehensive understanding of personal finance, the decisions and activities of an individual or family regarding their money including spending, saving, budgeting, giving and contentment. The decisions we make surrounding finances have a profound effect on the people we become and our relationships with others, including our God. Topics include budgeting, saving, giving, debt, credit, banking, insurance, investments, retirement planning, and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

Computer Science & Engineering	**Students are required to earn 1.5 credits of Career & Technical Education over their High School career. 0.5 Credits of Technology, 0.5 Credits of Business and 0.5 Credits of either Home & Family or Vocational Agriculture.** These credits can be earned through the courses offered in the Computer Science & Engineering or Home & Family or Vocational Agriculture department.
2-Dimensional Computer Aided Design (2D CAD) **Grade Level:** 9,10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*AutoCAD* is a one semester introductory course in computer aided design that focus on two-dimensional designs. This class introduces students to engineering principals and software used in architecture, manufacturing and shop processes. Students will use gain experience in planning, organizing and producing drawings and products commonly found in business and industry. The AutoCAD software program, from Autodesk, will be used in class to introduce students to how their drawings can be used by Computer Numerical Control (CNC) 2D cutting machines to create parts. *For this class it is recommended to have a computer with an Intel i5 and 4g of RAM or better.*
3-Dimensional Computer Aided Design (3D CAD) **Grade Level:** 9 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** none	*3D CAD* is a one semester introductory course that will exposure students to a variety of practices to achieve a three-dimensional product. In this course students will be learning Fusion360, from Autodesk. Engineering aspects of design will encompass the tools and equipment, and how they affect the materials utilized that will apply in a variety of trades. *For this class it is recommended to have a computer with an Intel i5 and 4g of RAM or better.*
Computer Programming I A/B (UW CSE 142) **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 CTE **Prerequisite:** Algebra II or concurrently enrolled in Algebra II	Computer Programing I is an entry-level one year course that introduces students to essential computing concepts and teaches them how to write programs in Java—the most widely-used programming language in the world. Common computational problem-solving techniques useful to computer scientists are explored. On completion of the course students will be able to use a variety of programming constructs (including, but not limited to, methods, loops, conditionals, arrays, and classes) to solve problems. They will understand the importance of code that is not just functional, but well written. No prior programming experience is assumed, although students should know the basics of using a computer (e.g., using a web browser and a text editor) and should be comfortable with math through Algebra 1.
Computer Programming II (UW CSE 143) **Grade Level:** 11, 12 **Credit:** 0.5 CTE **Prerequisite**: Computer Programming I A/B	This course is a continuation of Computer Programming I. While Computer Programming I focused on control issues (loops, conditionals, methods, parameter passing, etc.), Computer Programming II focuses on data issues. Topics include: ADTs (abstract data types), stacks, queues, linked lists, binary trees, recursion, interfaces, inheritance and encapsulation. The course also introduces the notion of complexity and performance tradeoffs in examining classic algorithms such as sorting and searching and classic data structures such as lists, sets and maps. The course will include a mixture of data structure implementation as well as using off-the-shelf components from the Java Collections Framework. The prerequisite is Computer Programming I.
AP Computer Science Principles **Grade Level:** 10, 11, 12 **Credit:** 0.5 CTE **Prerequisite:** Algebra I	Advanced Placement Computer Science Principles is an introductory college-level computing course that introduces students to the breadth of the field of computer science. Students learn to design and evaluate solutions and to apply computer science to solve problems through the development of algorithms and programs. They incorporate abstraction into programs and use data to discover new knowledge. Students also explain how computing innovations and computing systems—including the internet—work, explore their potential impacts, and contribute to a computing culture that is collaborative and ethical.

Technology Connections *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 CTE Business **Prerequisite:** none	Technology Connections is a semester-long course designed to equip all 9th grade students with technology literacy skills needed to be successful in high school. Students will develop a familiarity of the language of technology and explore how computer technology can be integrated into other subject areas. Students will explore real world scenarios that involve computer technology, focusing on Microsoft Word, Excel and PowerPoint. Additionally, students will cover topics surrounding digital citizenship, cloud based computing and reinforce keyboarding skills. Students will have the ability to apply tools and resources learned in this course into other learning experiences encountered throughout their high school career and beyond.
English	**Students are required to earn 4.0 credits of English over their High School career.** All courses support student development of reading, writing, speaking, thinking, and viewing skills necessary for school, work, higher education, and life. Honors courses provide smooth transitions into the rigors of Advanced Placement and UW college in the classroom courses, in which students may earn college credit. Applications and summer reading assignments are required for entry into all advanced courses.
Freshman English A/B **Grade Level:** 9 **Credit:** 0.5/0.5 English **Prerequisite:** none	This course is designed to give students a solid foundation in the areas of writing, vocabulary, grammar, and critical analysis to prepare students for the rigors of high school and beyond. Students will analyze short stories, poetry, research, epic poetry (*The Odyssey),* drama (*Romeo and Juliet*), and novel (*Fahrenheit 451,* as well as texts of the students' choice), building up their critical thinking, writing, and speaking skills. Students will also analyze themselves through careful critical review of Clifton Strengths reports and various interviews and reflections on their past, present, and future as they discover their place and function in the body of Christ.
Honors Freshman English B **Grade Level:** 9 **Credit:** 0.5 English **Prerequisite:** Department Approval	*Honors Freshmen English B* is designed to begin the ascent towards college-level thinking, reading, writing, and speaking. The course will cover the same texts as *Freshmen English B*, but this course will draw students into higher skill levels and incorporate more terminology to prepare for later honors, Advanced Placement, and UW courses.
Writing & Research A/B **Grade Level:** 10 **Credit:** 0.5/0.5 English **Prerequisite:** Freshman English	Students will examine the essential questions of "Who am I, why am I here, and where am I going?" The primary focus of this year long course is to educate the students to take evidence from various sources (research) and organize and present that research into a variety of modes including papers, presentations, speeches, and more. Students will be exposed to many multicultural sources including short stories, poems, interviews, films, historical documents, and artwork. A few of these main sources are *To Kill A Mockingbird, House on Mango Street, and Night.* Students are expected to complete a Career Research Project where they will research a possible future career choice and culminate the project with a speech. Not only will students be expected to synthesize others' work in research projects, but students will be expected to think deeply about their own identities and create original work in speaking, writing, presenting and other creative expressions. Students will be expected to understand best practices for each mode of communication and apply creative and technical skills to their work. Throughout the year, students will learn grammar and vocabulary.

Honors Writing & Research A/B **Grade Level:** 10 **Credit:** 0.5/0.5 English **Prerequisite:** Department Approval; application and summer reading required	Students will examine the essential questions of "Who am I, why am I here, and where am I going?" Designed to be academically challenging to provide a smooth transition into junior year AP English and later senior year UW English, students will examine critical thinking in order to apply its skills and virtues over the rest of the year through thoughtful and thorough examination of a variety of literature (poems, short stories, *House on Mango Street*, *To Kill a Mockingbird, Lord of the Flies*, research) and careful and critical oral and written responses in light of the key questions. Students will develop in-depth research, interviewing, and public speaking skills during the career exploration and speech units.
American Literature A/B **Grade Level:** 11 **Credit:** 0.5/0.5 English **Prerequisite:** Writing & Research	This year long course covers the works of American literature in chronological order starting with the Puritans and ending with modern and contemporary literature (*The Crucible, The Great Gatsby, Of Mice and Men, A Raisin in the Sun, etc.*). The varied works of nonfiction, fiction, and poetry are studied in their historical context, tracing the development of American literature and the American Dream by showing the influence of history on literature, and literature on the course of history. The works are also studied in the context of the authors' and eras' world views, as a means of encouraging students to make connections to the problems of people past and present in order to better understand themselves, others, and God in developing a biblical world and life view of their own. Responses to the literature will take the form of a variety of writing activities, vocabulary study, creative writing, group and class discussions, group and individual presentations and speeches, argumentative and synthesis essays, and quizzes and tests
AP English Language & Composition A/B **Grade Level:** 11 **Credit:** 0.5/0.5 English **Prerequisite:** Department Approval	*AP English Language and Composition* uses American Literature to cultivate deeper reading and insightful writing. By the end of this school year, each of you will have discovered the varied art of writing, reading, and interpretation. You will learn to see beyond a text and into authors' hearts, discovering their worldview and how the writers, composers, and artists of the Western tradition have shaped our perspectives of the world. Besides interpretation, we will examine novels, essays, speeches, music, and painting to help sharpen our own personal worldviews and work to use our personal perspectives as a starting point for developing your voice as a reader, writer, and thinker. This course has been designed to comply with the curricular requirements described in the AP English, outline:(http://apcentral.collegeboard.com/apc/public/courses/teachers_corner/51050.html) In the end, students will have gained sophisticated interpretation and communication skills that will prepare them for future academic rigors and help them become more intentional and thoughtful about the world around them, the true goal of education.
Senior English A/B **Grade Level:** 12 **Credit:** 0.5/0.5 English **Prerequisite:** none	A year-long course, *Senior English* prepares students for the rigors of college or workplace through a culminating review of the main genres of writing. Students will analyze texts from a variety of genres, including informative, persuasive, narrative, research, and professional texts, then students will consider applications in their own lives by planning and writing essays that apply the skills of the genre to the students' topics of choice. Ultimately the course work brings their Lynden Christian experience to a well-rounded end as they apply their developed skills to their own interests and future pursuits. Because of the seminar format, homework will not be the ultimate assessment of student achievement. Tests will be merely a guide of self-assessment and a barometer of the class's assimilation of the material. Students, in the end, will be graded upon integration of the material in their writing, class discussion/participation, and behavior as evidenced through a Student Portfolio, due as the Final Exam for both semesters of the course.

UW English 131 **UW English 111** **Grade Level:** 12 **Credit:** 0.5 English each **Prerequisite:** B+ or higher in AP English or department approval; application and summer reading required	English 131 is a composition course in which students work closely with their peers and instructor to develop a portfolio that reflects an ability to write papers with complex claims that matter in academic contexts. The readings in this class focus on academic discourse from a variety of disciplines. This course is designed to prepare students to be competent and confident college writers who can write within a variety of academic contexts. To do this, we will examine the traits of good composition through the lens of rhetorical analysis and explore how to develop arguments that make complex claims. We will learn that good writing often starts with good reading, and we work to become conscious of the decisions, claims, and arguments we make as writers. The UW course outcomes provide the framework within which we will accomplish these goals. If students wish to receive college credit for one or both courses, students must complete registration and submit payment to the University of Washington. English 111 is a composition course in which students work closely with their peers and instructor to develop a portfolio that demonstrates the ability to write effectively within various contexts. The readings for this course are drawn from stories, essays, autobiographies, poems, and novels. The theme of the course is "Finding the Good Life through Great Books" and will seek to answer the question, "What makes a good life?" by approaching the reading of literature as a formative experience--something that can shape and form our imaginations about what makes for a good life. If students wish to receive college credit for one or both courses, students must complete registration and submit payment to the University of Washington for ENGL 131 and/or ENGL 111.
Drama **Grade Level:** 9,10,11,12 **Credit:** 0.5 Fine Arts **Prerequisite:** none	The drama program will encourage students to develop and use their God-given, unique gifts in areas such as acting, voice, movement, and leadership. Specifically, each student will be involved as creator, performer, historian, and critic. The experiences students will share in this classroom will not be always learned from a textbook but from various practices and situations students will encounter through class experiences. Students will develop emotionally, physically, intellectually, imaginatively, and socially.
Reading Literature **Grade Level:** 11, 12 **Credit:** 0.5 Electives credit **Prerequisite:** Two years of English or department approval	*Reading Literature* exposes students to the broad spectrum of literacy as students read and write about various media. Using literature, news media, and film, *Reading Literature* offers students the opportunity to read, examine, and critique texts that form an integral part of our cultural core.
Home & Family **(Family & Consumer Science)**	**Students are required to earn 1.5 credits of Career & Technical Education over their High School career. 0.5 Credits of Technology, 0.5 Credits of Business and 0.5 Credits of either Home & Family or Vocational Agriculture.** These credits can be earned through the courses offered in the Computer Science & Engineering or Home & Family or Vocational Agriculture department.
Foods & Nutrition **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Home & Family CTE **Prerequisite:** none	Students in this class will learn how they can prepare food in a nutritious and economical way for themselves and their family. This class contains units on health and safety in food handling, nutrition, recipe modifications, kitchen math, and menu planning. They will also learn kitchen equipment, cooking terminology and techniques, and how to read a recipe. This class includes pie baking, soups, oven breads and much more.

Independent Living **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Home & Family CTE **Prerequisite:** none	This course is an introductory course that allows students to explore some of the fundamentals of home and family life. It is divided into two main units: a) living on your own: including budgeting, clothing care, life planning, apartment hung, dream vacations along with a hand sewing project and b) food preparation includes: shopping terminology, kitchen math and equipment, menu planning, basic cooking, holiday treats and gingerbread houses.
Culinary Arts **Grade Level:** 10, 11, 12 **Credit:** 0.5 Home & Family CTE **Prerequisite:** Foods and Nutrition	In this course, students will create an Interactive Notebook covering all topics covered in the course. Starting with safety and sanitation in the kitchen and kitchen small wares then going into various culinary applications. Throughout the semester, students will be learning new culinary terms, making various recipes in class and discussing the food industry as a whole. Finally, students will learn the art of presentation, food history and culinary innovators.
Mathematics	**Students are required to earn 3.0 credits of math over their High School careers.** See Appendix A for visual guide to math course sequencing.
Algebra I A/B **Grade Level:** 9, 10 **Credit:** 0.5/0.5 Math **Prerequisite:** Pre-Algebra	This course of study involves solving equations and inequalities, solving systems of equations and inequalities, simplifying exponential expressions, exploring exponential functions, and simplifying polynomial expressions. A graphing calculator (Texas Instruments—TI84) is required.
Extended Algebra I A/B **Grade Level:** 9 **Credit:** 0.5/0.5 Math **Prerequisite:** Pre-Algebra	This course is designed to be the first year of a two-year sequence of Algebra 1. We work on solving equations, have an introduction to functions, a focused unit on linear functions, and simplifying exponential expressions. This course is for students who are not academically ready for 9th-grade Algebra 1A/B. A scientific calculator or a graphing calculator (Texas Instruments – TI84) is required.
Extended Algebra I C/D **Grade Level:** 9 **Credit:** 0.5/0.5 Math **Prerequisite:** Pre-Algebra	This course is designed to be the second year of a two-year sequence of Algebra 1.
Geometry A/B **Grade Level:** 10 **Credit:** 0.5/0.5 Math **Prerequisite:** Algebra I	This course covers the completion of first year algebra and an introduction into *Geometry.* Topics of study are quadratic functions, solving quadratic equations, and simplifying radical expressions. In *Geometry, Algebra 1* skills are reinforced with applications involving both linear and quadratic relations. Students will also explore logical reasoning, proofs, properties of parallel lines, triangles, quadrilaterals, and construction techniques.
Advanced Geometry A/B **Grade Level:** 9, 10, 11, 12**Credit:** 0.5/0.5 Math**Prerequisite:** B- or better in Algebra I	*Advanced Geometry* begins with the terminology of geometry, principles of logic and construction techniques. Logical thinking skills are developed as we examine the properties of parallel lines, triangles, and quadrilaterals through the medium of proofs. We finish by solving problems involving similar triangles, right triangles with trigonometry, properties of circles, and area/volume of polygons.
Extended Geometry A/B **Grade Level:** 10, 11 **Credit:** 0.5/0.5 Math **Prerequisite:** Algebra I or Extended Algebra I	This course is designed to give extra help in geometry.
Algebra II A/B **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Geometry	The course is designed to be a full year which extensively covers the content of quadratic functions, polynomials, radicals, rational functions, exponential & logarithmic functions, and trigonometry. This course is designed to cover the main topics of Algebra *2* and will prepare students to take Pre-Calculus and EvCC MA&146 (Statistics).

Advanced Algebra II A/B **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Geometry	This course is designed for the student who plans to pursue a career that requires college mathematics. It is a course that follows *Algebra 1* and *Geometry* and is a prerequisite for *UW Pre-Calculus*. The course makes extensive use of the graphing calculator (student will be required to have one) with a basic emphasis on functions. In addition, Trigonometry will be covered in the second semester.
Advanced Pre-Calculus A/B (UW Math 120) **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Advanced Algebra II	This course is designed to cover the basic properties of functions, graphs; with emphasis on linear, quadratic, trigonometric, exponential functions and their Inverses. Emphasis on multi-step problem solving. This is a physics-based, problem-solving class. Students may acquire 5 college credits from the University of Washington.
Pre-Calculus A/B **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Algebra II	This course is designed to deepen the knowledge of functions from the Algebra 2 course. Content includes polynomials, rational functions, exponential & logarithmic functions, trigonometry, and probability & statistics. This course is a bridge to college precalculus or calculus.
Calculus I/II (UW Math 124/UW MATH 125) **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Pre-Calculus (UW120)	This course introduces the student to the material that is found in beginning college *Calculus*. It allows the student to develop a deeper understanding of basic principles of college *Calculus*. Specifically, it covers the limit concept, the derivative, and the integral. The students will also learn a set of basic tool functions and make extensive use of the graphing calculator. The course allows the students to acquire 10 college credits for *Calculus* through the University of Washington.
Statistics (EVCC MA&146 Stats A& B) **Grade Level:** 11, 12 **Credit:** 0.5/0.5 Math **Prerequisite:** Algebra II	This course is an introductory Statistics class. We will cover the topics of types of data (categorical & quantitative) and their graphs, the Normal Model, linear regression, sampling techniques & biases, simulation, observational studies & experiments, probability, and inferential statistics. This course is offered with a dual credit option. Students earn high school and college credit. 5 quarter college credits can be earned through Everett Community College by passing the course.
Applied Occupational Mathematics **Grade Level:** 11, 12 **Credit:** 0.5 Math **Prerequisite:** Algebra I, Geometry	This course is designed to give practical instruction in everyday mathematics. Units include a skills review of fractions, decimal numbers, ratios, rates, proportions, percents, measurements, geometry, and algebra with an emphasis on application.
Music	**Students are required to earn 2.0 credits of Fine Arts over their High School career.** Fine Arts credit can be earned through the Art department, Music department or Drama course in the English Department.
Orchestra A/B **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5/0.5 Fine Arts **Prerequisite:** 3-4 years middle school orchestra experience and/or director recommendation/audition	This performance-based course reinforces basic Orchestral concepts: tone, balance, blend, intonation, phrasing, interpretation, style and teaches music theory, history, and soloistic playing. Members are required to participate in all concerts, contests/adjudications, and various community performances.

Concert Band A/BGrade Level: 9, 10, 11, 12**Credit:** 0.5/0.5 Fine Arts **Prerequisite:** 3-4 years middle school band experience and/or director recommendation/audition	This performance-based course reinforces basic Band concepts: tone, balance, blend, intonation, phrasing, interpretation, style, and teaches music theory, history, and soloistic playing. Members are required to participate in all concerts and contests/adjudication as well as the Pep Band which plays at all home Football games, Basketball games, and parades throughout the school year. Students will be graded on an individual basis. School instruments are available at no charge.
Instrumental Jazz Ensemble *zero hour class **Grade Level:** 9, 10, 11, 12 **Credit:** 0.25/0.25 Fine Art **Prerequisite:** full group audition in September for first two weeks of school, concurrent enrollment in Concert Band or Orchestra	This performance-based course is designed to develop an understanding of the components necessary to perform music in the Jazz style. The focus is on Jazz articulation, improvisation, Jazz styles, and Jazz theory. Students must audition for the course and/or have previous Middle School Jazz Band experience. Students will be graded on an individual basis. School instruments are available at no charge.
Instrumental Orchestra Ensemble *zero hour class **Grade Level:** 9, 10, 11, 12 **Credit:** 0.25/0.25 Fine Art **Prerequisite:** full group audition in September for first two weeks of school, concurrent enrollment in Concert Band or Orchestra	This performance-based course is designed to develop an understanding of the components necessary to perform music in chamber style. The focus is on classical articulation, expression, classical styles, and classical music theory. Students must audition for the course and/or have previous Middle School Orchestra experience. Students will be graded on an individual basis. School instruments are available at no charge upon request.
Mixed Chorus A/B **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5/0.5 Fine Arts **Prerequisite:** none	Mixed Chorus is a full year course. This course will introduce the students to choral literature throughout the centuries. The chorus will perform several times during the school year, as well as at contests and other community functions. This course will focus on good techniques of vocal production, blend, and will involve studying challenging music.
Concert Choir A/B **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 Fine Arts **Prerequisite:** Audition for placement plus 1 year of previous high school choral experience.	Concert Choir is a full year course and may be taken by students who have auditioned and have completed at least 1 year of Mixed Chorus or its equivalent. This course will introduce the students to choral literature throughout the centuries. The choir performs several times a school year, as well as at contest and other community functions. This course will focus on more advanced techniques of vocal production, and involve studying more challenging musical literature.
Chamber Choir A/B *zero hour class **Grade Level:** 9, 10, 11, 12 **Credit:** 0.25/0.25 Fine Arts **Prerequisite:** Audition for placement and must be enrolled in Mixed Chorus or Concert Choir.	Chamber Choir is a select ensemble of 12-22 members. Auditions occur in early fall. Repertoire will include music intended for small ensembles. The choir performs several times each year at school and in the community and occasionally will take a small regional tour. This course will also focus on more advanced techniques of vocal production and more challenging choral literature.
Physical Education	**Students are required to earn 1.5 credits (3 semesters) of Physical Education over their High School careers.**
PE I *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 Physical Education **Prerequisite:** none	This course is designed to answer such questions as: What does God expect concerning the use of our bodies? What does it mean to be healthy/fit? What can I do to be more fit? How does one translate that understanding to healthy living? The PE units are designed to help students develop both the physical tools and cognitive understanding of current health issues that could help them better enjoy and perform lifetime fitness and sports activities. Class activities include rope jumping, jogging, circuit training, aerobic target heart rates, modified soccer/Frisbee/volleyball and other team games. Current health and fitness issues will also be included.

Lifetime Fitness **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Physical Education **Prerequisite:** PE I	This course is designed to answer such questions as: What does God expect concerning the use of our bodies? What does it mean to be healthy/fit? What can I do to be more fit? How does one translate that understanding to healthy living? The PE units are designed to help students develop both the physical tools and cognitive understanding of current health issues that could help them better enjoy and perform lifetime fitness and sports activities. The lessons will allow students to review many of the racquet sports. Class activities include tabata, golf, cycling, bocci ball, dance, wellness walking, self-defense, HIIT, Yoga, kick-box, skating, weight training, jogging, cardio training.
Team/Recreational Sports **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Physical Education **Prerequisite:** PE I	This course will continue to introduce students to many diverse activities created by God that they can do to use their bodies to glorify Him. The focus will be on recreational activities that can be done at any age, alone or with partners, both recreationally and competitively. Students will be shown how these activities help maintain and increase their fitness levels. They will practice correct techniques and understand the specific rules in order to enjoy and be successful at these activities. The lessons will allow students to review many of the racquet sports. In addition, the students are introduced to such activities as volleyball, lacrosse, hockey, bocci ball, 3 on 3 basketball, golf, spikeball, strength training, mushball, and aerobic conditioning.
Strength & Conditioning **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Physical Education **Prerequisite:** PE I	All PE students at Lynden Christian are introduced to strength training in PE I during their freshman year. All other PE classes also include strength training as part of weekly conditioning. Every student is taught basic principles of safety, basic program design and proper technique on both machines and free weights. This particular class is much more intentional in introducing further techniques and methods to improve strength, power, speed, balance, agility and overall conditioning. Some of these units include: medicine ball training, stability ball training, plyometric, agility ladders, balance training and jump training. This class may be repeated.
Science	**Students are required to earn 3.0 credit of Science over their High School career with 2.0 credits of lab science.** *Philosophy Statement: "For since the creation of the world His invisible attributes are clearly seen, being understood by the things that are made, even His eternal power and Godhead" Romans 1:20a* The study of the natural world is the study of God's creation. As we dive deep into science, we experience God's majesty through what He has made.
Earth Science *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 Science **Prerequisite:** none	This course is an introduction to Earth and Space Science. The class investigates how humans fit into the bigger picture of God's Creation. We also discuss current events/issues in the field of Earth Science and students learn about National Parks. Students will experience learning through inquiry and develop skills of working in groups, assessing their own learning, and critical thinking about complex processes in nature. By the end of this course students will have a general understanding of the planet's physical processes along with some practical science skills. Topics covered in this course include nature of science, astronomy, earth as a system, plate tectonics, minerals/rocks/fossils, water cycle/streams, glaciers, coasts, earthquakes, and volcanoes.

Health Science *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 Science **Prerequisite:** none	The class begins by defining wellness and total health; students evaluate how each area of health affects the others. The focus is on finding balance in their daily lives and setting goals for the future. The other units in this semester are mental and emotional health (managing anxiety/stress, coping with loss, teen depression/suicide, and mental/emotional problems), healthy and safe relationships (a week long dive with the RELATE curriculum on Sexual Risk Avoidance), body systems (cardiovascular, respiratory, digestive, endocrine and reproductive), and diseases and basic First Aid. Major emphasis is put on the topics of vaping, diseases/viruses (including STDs or STIs), anxiety, stress, depression, suicide, and endocrine and reproductive health. Class format includes journal entries, class discussions and reflections, group activities, laboratory assignments, individual/group research projects, reading assignments, quizzes and tests. **The Health course can be counted as either a Physical Education credit or a Science credit, but not both*
Biology A/B **Grade Level:** 10 **Credit:** 0.5/0.5 Science **Prerequisite:** Freshman Health Science, Earth & Space Science	Sophomore Biology is a one-year course that surveys the structure and function of systems and structures that make life in our biosphere possible. First semester topics include: Inquiry using the scientific method, basic chemistry of life, cell structure and organelle function, cell processes and transport, and photosynthesis. Second semester biology covers the topics of biochemistry (photosynthesis and cellular respiration), mitosis/meiosis, genetics and DNA (structure, transcription/translation), biotechnology, ecology, and animal structures/function and behavior. There is a strong emphasis on laboratory work and an understanding of the processes of scientific investigation. Class formats include lectures, note-taking, projects, inquiry labs, written lab reports and analysis, supplementary readings as well as quizzes and tests
Chemistry A/B **Honors Chemistry A/B** **Grade Level:** 11 **Credit:** 0.5/0.5 Science **Prerequisite:** Biology B with a C- or better and Algebra with a C- or better or teacher permission	Chemistry is a year-long course on the study of matter, its composition, structure, properties, and reactions. Topics of study: matter and energy, atomic structure, the periodic table, nuclear reactions, electron structure, bonding and chemical reactions, moles and stoichiometry, organic chemistry, reaction rates, and acid/base equilibrium reactions. Applications include: energy production, materials, combustion engine, electric motor, environmental concerns, and of course, fun and explosive chemical reactions!! Honors Chemistry covers similar topics with increased depth of knowledge and a focus on preparation for advanced courses in high school and college.
AP Physics A/B **Grade Level:** 11, 12 **Credit:** 0.5/0.5 Science **Prerequisite: Advanced** Algebra II, strong math skills required.	AP Physics 1 is an algebra-based, introductory college-level physics course. In this class, you will cultivate your understanding of physics through inquiry-based investigation as you explore these topics: kinematics, dynamics, circular motion and gravitation, energy, momentum, simple harmonic motion, and torque and rotational motion. This course requires that twenty-five percent of instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide you with opportunities to demonstrate the foundational physics principles and apply the seven science practices as you design plans for experiments, make predictions, collect and analyze data, apply mathematical routines, develop explanations, and communicate about your work. Following the AP test in May, students will be given the opportunity to choose topics of interest to investigate. Service opportunities will be provided.

AP Biology A/B **Grade Level:** 12 **Credit:** 0.5/0.5 Science **Prerequisite:** Biology A & B, Chemistry A &B with a C- or better	AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. First semester content and percent representation on the AP exam: Unit 1: Chemistry of Life 8–11% Unit 2: Cell Structure and Function 10–13% Unit 3: Cellular Energetics 12–16% Unit 4: Cell Communication and Cell Cycle 10–15% Unit 5: Heredity 8–11%. Second semester AP Biology is a continuation of first semester. The final two units before the exam are: Unit 6: Gene Expression and Regulation 12 –16%: Unit 7: Natural Selection 13–20% Unit 8: Ecology 10–15%. College Course Equivalent: The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. Laboratory Requirement This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.
Survey of Physiology A/B (UW BIOL-118) **Grade Level:** 11, 12 **Credit:** 0.5/0.5 Science **Prerequisite:** Biology A/B	This Human Physiology course is for nonmajors and health sciences students. It focuses on the structure and function relationships within every human body system. This course fulfills all requirements for University of Washington's Biology 118 course, and uses all required elements such as textbook, assessments, evaluation, grading and any prerequisites. This UWHS course is delivered with the content and rigor that is consistent with course taught on the UW campus. Prerequisites: Completion of 1 year of high school- level Biology. The objective of this course is for diligent students to be able to: 1. Develop a well-formed understanding of how the body works, and the details that make it so amazingly complex and unique. 2. Establish a diligent and motivated work ethic towards all class assignments. 3. Form a critical thinking mindset when exposed to advanced scientific research and methods. 4. Establish a better understanding of good study skills that will bring success in future academic endeavors.
Veterinary Science **Grade Level:** 9, 10, 11, 12 **Credit:** 0.5 Science **Prerequisite:** Biology A/B (preferred)	This course will introduce the foundational concepts of experience in the field of Veterinary Medicine. As part of the Christian mandate to care for creation, students will explore the challenges and joys of agricultural animal care. Students in this course will have the opportunity to explore Vet Science careers, problem-solving, data analysis, various levels of terminology, and animal care through project-based learning, teamwork, and hands-on activities. In addition, students and instructors of this course will collaborate with the materials of the National FFA Veterinary Science Career Development Event. All students in this course are eligible to be considered to compete in that event in the spring semester.

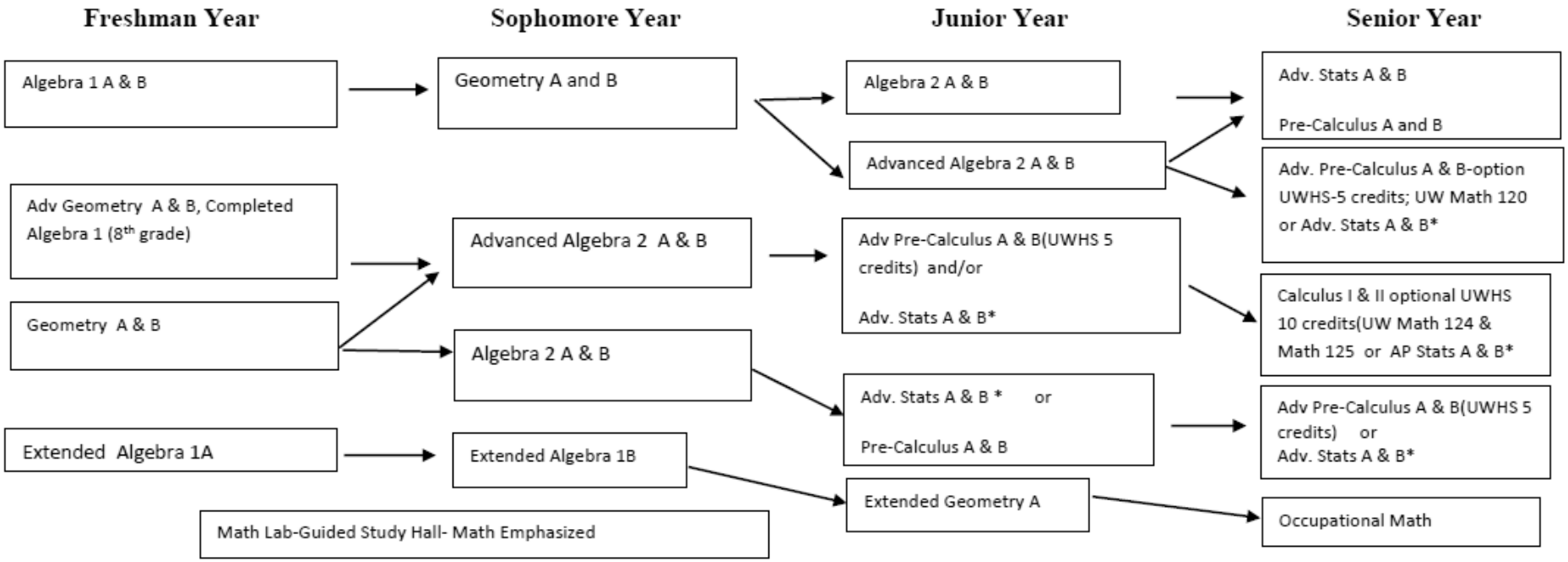
AP Environmental Science A/B **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 Science **Prerequisite: B**iology A & B with a C- or better	AP Environmental Science is a foundational science course that focuses on the application of scientific concepts and principles to the understanding and solution of environmental problems and issues. It is an interdisciplinary course, which builds on scientific principles from chemistry, physics, biology, ecology and earth science. The AP Environmental Science curriculum is beneficial for any student to take because it is interconnected with aspects of daily life and includes decisions and policies that will impact future generations. It invites students to be critical thinkers and problem solvers because current 21st Century environmental issues are extraordinarily complex. There are no easy explanations for how they emerged or simple solutions for how to fix them. Students leave this class with the knowledge and skills necessary to work toward good stewardship and sustainability of God's Creation, which is one of the main goals of the science department at LC. The AP Environmental Science course is one of the easier AP courses to take and students are not forced to take the AP exam at the end of year, but highly encouraged. Whatever career or path students choose in the future, they will be better equipped to answer those difficult questions in the future after taking this course. The four big ideas of this course are energy transfer, interactions between earth systems, interactions between different species and the environment, and sustainability. Students will gain an understanding of how we can responsibly carry out our role as a steward of God's Creation through this course.
Marine Science **Grade Level:** 11, 12 **Credit:** 0.5 Science **Prerequisite:** none	This one semester course concentrates on marine science/biology and includes hands-on learning. The course begins with learning about the life cycle of a salmon. Students operate the LC hatchery that houses about 50,000 Coho salmon on campus from February to April. Students learn how to take care of salmon and the impact of salmon on the Pacific Northwest as a keystone species. High-school students share their knowledge and skills with elementary students by taking classes on tours of the hatchery. Also, students play a game called hooks and ladders to simulate the gauntlet that salmon must run through, to survive and complete their life cycle with elementary students. Topics covered in this class include life cycle of salmon and types of Pacific salmon, oceanography, waves and tides, ocean life, aquatic ecosystems, and current issues/problems in the oceans.
Horticulture I **Grade Level:** 9,10, 11, 12 **Credit:** 0.5 Science or CTE **Prerequisite:** none	*Horticulture I* is a one semester course that deals with ornamental plants. The student will learn about soil, pH, water and fertilizers as they relate to plant growth. Reproduction and cultural practices are studied. Approximately one third of the time is spent in the greenhouse putting knowledge to work. The class also does service projects for others by helping with garden projects. The semester is completed with a plant sale.
Horticulture II **Grade Level:** 10, 11, 12 **Credit:** 0.5 Science or CTE **Prerequisite:** Horticulture I	*Horticulture II* one semester course incorporates what has been learned in *Horticulture I* and applies it to landscaping. Students will design a landscaping plan and present it to a client. With Horticulture I experience, students will take the lead on the plant sale, do service projects, and take a variety of field trips and engage with guest speakers, based on student interest.

# Social Studies	**Students are required to earn 3.5 credits of Social Studies over their High School career.** *Philosophy Statement:* The main objective of the social studies curriculum at Lynden Christian is to educate young people so that they may grow and mature into perceptive and caring Christians who become citizens who have a transforming influence in the world. It is essential that our students have an understanding of who God is and his role in history in order for this objective to become a reality.
Human Geography *Graduation requirement **Grade Level:** 9 **Credit:** 0.5 Social Studies **Prerequisite:** none	Students will develop a multicultural understanding through the use of geographical concepts and skills to gain a fuller understanding of the world we live in. Students will discover the interrelationship between people and their environment in terms of culture, location, physical characteristics, their movements, demographics, history, government, and economic activity. It will deepen students' understanding of the beauty of God's diverse world and how all these aspects work together to form His Kingdom on earth.
World History A/B *Graduation requirement **Grade Level:** 10 **Credit:** 0.5/0.5 Social Studies **Prerequisite:** none	*World History A* is the first semester of two sequential semesters. It focuses on Ancient Civilizations and how their history and cultures fit into the Biblical story. *World History B* focuses on the study of the development of Western civilization and the Christian Church by looking at political, cultural, economic, and religious significance in the West. Specific units include: Middle Ages, Renaissance, Reformation, Enlightenment, and French Revolution. World History often concludes around the French Revolution around the time of the founding of the United States.
U.S. History A/B *Graduation requirement **Grade Level: 11** **Credit:** 0.5/0.5 Social Studies **Prerequisite:** none	*U.S History A* is the first semester of two sequential semesters First semester topics of this course include units on early Native American societies, the European migration to the Americas and colonization, the Revolutionary War and founding of U.S. government, early growth of the country and the influence of manifest destiny, differences leading to Civil War, the era of Reconstruction and persistence of Jim Crow laws, the expansionism of the late 1800s as evidenced in many aspects of American society, Progressivism and push for societal reform, and finally, the age of imperialism. U.S. History B: The second semester of U.S. History examines WWI, 1920s culture as a study of the Gilded Age, the Great Depression, WWII, the Cold War and all its proxy wars, the Civil Rights Movement, the Vietnam War, and various topics from the 1970s through the 1990s such as the Watergate scandal, the Right Revolution and Reaganomics, the Gulf War, the Bush and Clinton eras, and finally, 9/11. Social history, cultural history, political history, and philosophical history is weaved through the content of both semesters. Through it all, students are challenged to consider how Christians can view both the positive advances and contributions of Americans and American history as well as the mistakes or failures of its past. These discussions of the past are tied to consideration of the Christian's place in history and responsibility for the future.

American Government *Graduation requirement **Grade Level:** 11 **Credit:** 0.5 Social Studies **Prerequisite:** World History	*American Government* is a study of the system of government established by the United States Constitution and how that system has evolved to meet modern needs. We stress the how and the why of governmental operations as well as factual information. We spend considerable time studying the three branches of our federal government-executive, legislative, and judicial, but time is also spent on state, county and city government. Opportunities for governmental vocations are explored. Particular emphasis is placed on norms and principles that flow from the Bible regarding the purpose and place of government. The murky relationship of faith and politics will also be explored. Students will be challenged to be active and responsible citizens who participate in the democratic process.
World Issues *Graduation requirement **Grade Level:** 12 **Credit:** 0.5 Social Studies **Prerequisite:** American Government	*World Issues* begins with a focus on building the skills and framework necessary for evaluating information and responding to the issues of our day from a Christian perspective. An exploration of the biblical concepts of shalom, justice, solidarity, and sphere sovereignty establishes the foundation for evaluation of public policy and Christian responsibility which are essential throughout the course. The foundation for the course is also set with a focus on honing digital literacy skills to help students more effectively navigate the news, media, and the internet in order to consider bias and determine truth. During the remainder of the semester we deal with major topics such as the many conflicts taking place around the world between countries and ethnic groups; genocides of the past and present; current considerations of race; gender inequity with a focus on oppression of women worldwide; poverty; environmental concerns in a globalized world; modern day slavery as it relates to human trafficking, forced labor, forced marriage, and honor-based violence; and more as time allows. We also continuously evaluate current events, discuss their historical context, and consider the Christian response.
Family Psychology **Grade Level:** 12 **Credit:** 0.5 Social Studies elective **Prerequisite:** none	What is a family in God's eyes? How can I have His kind of family? How is His definition different than that of the prevailing culture? What are the physical, emotional, intellectual and spiritual components that build and strengthen life in a family? This course helps answer those questions by examining family systems, dating, communication, gender differences, marriage, child development parenting, aging, and money management from a Christian perspective. Our class dynamics and group discussion create an atmosphere of safety and honesty.
Psychology **Grade Level:** 10, 11, 12 **Credit:** 0.5 Social Studies Elective **Prerequisite:** none	"Christianity incorporates nothing less than a world view. And about the human beings in that world, psychology speaks." (Psychology Through the Eyes of Faith, ix) Psychology is a broad discipline that speaks to many facets of our humanness: brain mechanisms, personality, counseling method, development, abnormal psych, conditioning, learning, emotions, relationships.... In this course we will take a careful and discerning look at the many questions that psychology attempts to answer regarding our human thoughts, feelings, and behavior.
World Language	**Students are required to earn 2.0 credits of World Language over their High School career.**
Spanish I A/B **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 **Prerequisite:** none for First Year Spanish A, C- or higher to continue to First Year Spanish B unless s/he receives instructor consent	The focus of this class is communication in the Spanish language. To facilitate this, Spanish will be spoken by the teacher during instruction time throughout the semester. Students will concentrate on understanding the spoken and written word, acquiring vocabulary, and using the language both orally and in writing. Grammar is taught in a communicative context through the practice of the four language skills of reading, writing, listening, and speaking. Loving God and our neighbors as ourselves (including fellow classmates as well as people of Hispanic culture) will be fostered through discussions, videos, and activities.

Spanish II A/B **Grade Level:** 10, 11, 12 **Credit:** 0.5/0.5 **Prerequisite:** First Year Spanish A/B	The focus of this class is acquisition through reading and storytelling. To facilitate this, Spanish will be spoken by the teacher during instruction time throughout the semester. Students will concentrate on understanding high frequency Spanish structures via stories, music, and cultural practices. Grammar is limited and taught through the basic structures. Practice will include the four language skills of reading, writing, listening, and speaking. Loving God and our neighbors within the Hispanic community and culture will be fostered through discussions, videos, and activities. NOTE: Upon completion of this class, students are NOT able to advance to Spanish 3 but have completed their state World language requirement.
Advanced Spanish II A/B **Grade Level:** 11, 12 **Credit:** 0.5/0.5 **Prerequisite:** First Year Spanish A/B	The focus of this class is furthering the communication skills learned in first year Spanish. Understanding the spoken and written word as well as personal usage of the language both orally and in writing will be developed to a higher degree of proficiency throughout the year. Class will be conducted frequently in Spanish and grammatical structures used will become more sophisticated. Sensitivity to Hispanic cultures as children of God will continue to be fostered through discussions, videos and activities. Students completing this class are able advance to Spanish 3.
Spanish III A/B **Grade Level:** 12 **Credit:** 0.5/0.5 **Prerequisite:** Second Year ADVANCED Spanish A/B	The focus of this class is furthering communication skills learning from previous years such as speaking, listening, reading and writing. Class will be conducted primarily in Spanish as the students are taught a more sophisticated level of grammar. In addition to grammatical concepts and vocabulary, famous Spanish artists will be studied along with their paintings. Sensitivity to Hispanic traditions will be fostered along with increasing cultural awareness. Students will see more of how creative our God truly is and how His creativity can be seen in the various peoples of the world.
Additional Electives	Each student may register for a maximum of one guided study per semester. Seniors may register for a maximum of three of the following courses: Guided Study, Parent Release, and Teacher Assistant. Seniors may take on period of Parent Release each semester, but may not have both a parent release and a guided study during the same semester. **Teacher Assistant assignments will be assigned by the counselor based on teacher needs for that semester. Students may sign up to be a Teacher Assistant more than once, but will only receive credit for the first time they are a TA.**
Elementary/Middle School TA **Grade Level:** 10, 11, 12 **Credit:** 0.5 **Prerequisite:** none	Students may register to be an elementary or middle school TA. Students assist the teacher with their course. Tasks range from making copies to grading. This course allows students to get a glimpse of what it is like to be a teacher. This is a great course for students interested in pursuing teaching as a career.
High School TA **Grade Level:** 10, 11, 12 **Credit:** 0.5 **Prerequisite:** none	Students may register to be a high school TA. As a high school TA they can TA in a classroom, the library, the shop, or request to be a P.E. TA. The roles and responsibilities in each of these areas differ. For example, a P.E.TA's have an important role in the daily function of the P.E. class. Their primary duty is to help by supervising students and keeping them on task. This includes careful observation of student effort and behavior. In addition, assistants help in giving grades, taking attendance, accurate recording of scores, monitoring, refereeing games and taking care of equipment.
Central Office TA **Grade Level:** 12 **Credit:** 0.5 **Prerequisite:** none	Students may register to be a TA at Central Office. Here they will learn office skills and help with projects.
Parent Release **Grade Level:** 12 **Prerequisite:** none	Students must sign out at the office and leave campus for all Parent Release periods. Parent Release may be taken by a senior for periods 1 or 7 only.
Guided Study **Grade Level:** 9, 10, 11, 12 **Prerequisite:** none	This class will provide students with a quiet study environment where they will also receive assistance with their homework. Students will be taught study, organizational and time management skills that will help them with their schoolwork.

Appendix A: Lynden Christian High School Math Course Map



Freshman Year

Students who passed Algebra 1 with a B- or higher as 8th graders are encouraged to take Adv Geometry A & B.

All other students will take Algebra 1 A & B their freshman year.

Students that may benefit from a slower pace may be took Algebra I A & B over two years instead of one.

Sophomore Year

Students who passed Algebra 1 A & B with a B- or higher as freshmen are required to take Geometry A and B.

Students who passed Adv. Geometry A & B have the option of taking Algebra 2 A & B (a slower paced Algebra 2 class) or Advanced Algebra 2 A & B (a faster paced Algebra 2 class). If a student is planning to take Calculus as a senior, Advanced Algebra needs to be taken as a

Junior Year

Students who passed Geometry A and B with a B- or higher have the option of taking Algebra 2 A & B (a slower paced Algebra 2 class) or Advanced Algebra 2 A & B (a faster paced Algebra 2 class).

Students who passed Advanced Algebra 2A & B with a B- or higher are encouraged to take Adv Pre-Calc and have the option to double up with Adv. Stats.

Students who passed Algebra 2 A & B with a B- or higher are encouraged to take Adv. Stats or Pre-Calc A and B.

UWHS-Courses offered in conjunction with the University of Washington that

Senior Year

Students who passed Advanced Algebra 2A & B with a B or higher are encouraged to take Adv. Pre-Calc and have the option to double up with Adv. Stats.

Students who passed Algebra 2 A & B with a B- or higher are encouraged to take Adv. Stats or Pre-Calc.

Students who passed Adv Pre-Calc A & B with a B or higher have the option to take Calculus and can double-up with AP Stats.

***Adv. Stats can earn college credit through Everett CC**

Appendix B - 2023-2024 Shop Courses