

# **Course Catalog**

Grades 7-12 2024-2025



#### Students and Families,

Welcome to the middle and high school years at Liberty Christian School! It is our pleasure to offer this course catalog as a resource and overview of the secondary academic offerings at Liberty. The catalog provides a list of every course offered and the various additional platforms with which we have partnership for students to expand their learning and educational experiences in their pursuit of a high school diploma.

Planning a course of study is a collaborative effort between students, parents, and the Academic Counselor, with the student taking initiative for the direction and momentum of his/her academic plan. Students are encouraged to pursue a high school program of courses that best meets their highest individual goals and needs. Students are also encouraged to be well-rounded in building their high school resume, being intentional to invest in extra-curricular activities, athletics, leadership, and service through church and in the community.

In this spirit of supporting individual pathways to success, we offer a variety of classes that are both broad and deep, allowing students to prepare for their post-high school goals and cultivate experiences in business, service, and leadership.

We pursue academic excellence within the context of "Preparing Global Ambassadors" who will grow in character, passion, and impact for Christ. It is our prayer and mission that every Liberty Christian School student will mature into the person described on our Portrait of an LCS Preferred Graduate outlined on the following page. With this goal in mind, every course is prepared and taught from a Biblical worldview and with rigorous academic standards. We pray our students will flourish as individuals and in community at Liberty.

We hope this course catalog provides the information you need to plan a successful high school education. Teachers, Administration, and the Academic Counselor are available to assist and answer your questions. For additional information on our flourishing school culture, please refer to the Parent/Student Handbook.

Make the most of these middle and high school years. This season passes quickly, yet it is a foundation from which you will launch into your future. Plan purposefully, enjoy your courses, make wise choices, and trust the Lord for all He is doing in and through you during these years. It's our joy to walk with you!



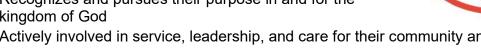
Kelley Steele | Academic Counselor 2200 Williams Blvd, Richland, WA 99354 (509) 946-0602 ext.425 phone | (509) 943-5623 fax ksteele@libertychristian.net

### Portrait of an LCS Preferred Graduate

### Compassionate Stewards: (*Purpose*)

"That you may walk worthy of the Lord, fully pleasing Him, being fruitful in every good work and increasing in the knowledge of God." Colossians 1:10

- Understands the inherent value of all people as imagebearers of Christ
- Recognizes and pursues their purpose in and for the kingdom of God
- Actively involved in service, leadership, and care for their community and the world



### Conscientious Disciples: (Well-Being)

"As you therefore have received Christ Jesus the Lord, so walk in Him, rooted and built up in Him and established in the faith, as you have been taught, abounding in it with thanksgiving." Colossians 2:6-7

- Understands the Bible is the source of all truth
- Explores a growing personal relationship with Jesus
- Practices spiritual disciplines
- Understands and pursues their identity in Christ

### Christ-like Communicators: (Relationships)

"Whatever happens, conduct yourselves in a manner worthy of the Gospel of Christ." Philippians 1:27a "Therefore, encourage one another and build each other up..." 1 Thessalonians 5:11

- Exhibits the fruit of the Spirit in all forms of communication and relationships with others
- Accepts and receives feedback and instruction with grace and humility
- Discerns and adjusts communication based on their audience
- Effectively articulates beliefs, values, and convictions

## Critical Thinkers: (*Teaching & Learning*)

"All Scripture is God-breathed and is useful for teaching, rebuking, correcting and training in righteousness, so that the man of God may be thoroughly equipped for every good work." 2 Timothy 3:16-17

- Filters thoughts, ideas, and actions through a biblical worldview
- Growing in discernment and application of biblical principles
- Observes and recognizes the redemptive story of Christ's work in the world

## Continuous Learners: (Expertise & Resources)

"Whatever you do, work at it with all your heart, as working for the Lord, not for men." Colossians 3:23

- Recognizes spiritual maturity as a lifelong journey
- Pursues knowledge and wisdom to advance their purpose in and for the kingdom of God
- Pursues excellence in academic and career development



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## Middle School Advising

Middle school students have seven (7) classes with core classes in math, English, science, social studies, Advisory, and PE. Bible and electives complete the schedule. Open or "free" periods are not an option for middle school students. See Course Descriptions for information about middle school courses.

Students' math placement is based on teacher recommendation and testing. It is more important that students are placed at the correct level for developing a strong conceptual foundation than for a student to be placed in a class for the perception of "being ahead" or "on a faster track". We ask you to trust our professional assessment; we strive to do what is the student's long-term best academic interest.

Students will have scheduled appointments by grade level with the Academic Counselor to give Bible and elective class preferences.

Middle school provides important transition years for students as a transfer of responsibility occurs and the student learns to take initiative in planning their middle school academic years and activities with coaching and input from parents and school.

### Middle School Student Advising Timeline

- Upon enrollment
- Nov./Dec. for 2<sup>nd</sup> semester Bible and electives
- Jan. follow-up as needed for 2<sup>nd</sup> semester classes
- Mar. 8<sup>th</sup> grade for HS preview at spring conferences
- May 6<sup>th</sup> & 7<sup>th</sup> grade 1<sup>st</sup> semester planning for the following year (starting in May of 6<sup>th</sup> grade year)
- May & June advising for summer credits (IS PE/PAX, online courses, etc.)
- Any time by email or appointment

## Earning High School Credit in Middle School

Several high school courses are open to middle school students for credit toward graduation requirements. These classes meet high school learning standards and are taught at high school rigor. Middle school students will be placed with high school students. Common examples include Algebra I, Spanish I, 0 hour Strength & Speed (available to 8<sup>th</sup> grade only), PAX (Patriot Athletic Cross-Training; summers only), and select electives (Drama, Worship Ministry, etc.). Course descriptions will indicate whether a class earns high school credit.

## **High School Advising**

Planning a high school course of studies is a partnership between students, parents, and the Academic Counselor, with the student taking initiative for the direction and momentum of his/her academic plan. Our philosophy and practice is to prepare students for the maximum opportunity potential; to achieve more than what is minimally required for graduation by preparing each student for their personal academic and career journey.

Mapping a high school plan begins during middle school Advisory with lessons and activities that explain graduation requirements, course credits, off-campus program options, and individual career interest surveys. Students coming to Liberty after 8<sup>th</sup> grade may schedule time with the Academic Counselor for access to the information and resources.

The Academic Counselor is available for scheduled meetings throughout the year as needed. Student advising meetings will be initiated for long-range academic goal setting and ahead of each semester for specific course requests and planning. Our objective is to equip students in self-advocacy, professional communication, and ownership of their educational plan. Frequent connections between the student and Academic Counselor will help students develop a comprehensive academic plan and to be informed of many additional academic opportunities along the way.

## **High School Student Advising Timeline**

- Upon enrollment
- Nov./Dec. for 2<sup>nd</sup> semester Bible and electives
- Jan. follow-up as needed for 2<sup>nd</sup> semester classes
- Jan/Feb. for those pursuing Tri-Tech or Running Start programs the following school year
- Feb./Mar. advising appointments arranged by grade-level for input on core class selections for the following year. This information is used to inform the coming year's master schedule (number of class sections, student interest, etc.)
- May all students make final 1<sup>st</sup> semester Bible and elective selections once the master schedule is complete
- May & June advising for summer credits (IS PE/PAX, Red Comet, Seven Star, Tri-Tech, CBC, etc.)
- Any time by email or appointment

## **Course Selection**

Students meet with the Academic Counselor to determine the courses they would like to take during the next school year. School officials utilize student interest in courses to create the master schedule of courses offered. In addition to student interest, staffing and budgetary considerations impact the availability of courses each year. Every effort is made to place students in their first-choice class selections, but alternate courses may be assigned as necessary.

Due to the number of credits required for graduation, students are required to take a full course load (7 classes) unless by an approved specific academic modification. An unscheduled period may be approved for seniors if the student has enough credit margin.

## **Adding or Dropping Courses**

Prior to the start of each new semester, a class change request may be made via email. However, once classes have started, students must complete and submit a Class Change Request form. Forms are available in the office or from the Academic Counselor. Before a change is requested, it is important for the student to meet with the Academic Counselor to be strategic in evaluating the course change's impact to the student's graduation plan and transcript record. Only changes that are mutually in the best interest of the student and LCS will be approved.

Considerations when requesting to change a class schedule:

- 1. Requests to change/add/drop a class may be made within the first five (5) school days each semester without impact to transcript, except when a class is cumulative for the whole year. These classes may only be changed within the first 5 days of the first semester.
- 2. A student dropping a class between the 6<sup>th</sup> and 20<sup>th</sup> day of the semester will receive a "W". This is a permanent transcript record but will not be calculated in the cumulative GPA.
- 3. A student who drops a class from the 21<sup>st</sup> day through the end of the semester will receive "W" (withdrawal), the impact of which will be a failing grade calculated in the cumulative GPA.
- 4. Requesting a change does not mean your request is approved. Students must attend the current class until final class change approval has been obtained, all books and materials have been cleared by the teacher, and you have been notified of your schedule update.

There are occasions when the Academic Counselor or Principal may deem it necessary to change a student's class schedule. When this occurs, the student and the parent/quardian will be informed of the change and the reason(s).

## **General Information**

#### **Attendance**

Regular and consistent school attendance is vital to student success. It is recognized that classroom interaction between the teacher and students and in collaborative work enriches and clarifies subject knowledge increases engagement far beyond the factual data on any given assignment. The classroom experience cannot be fully replicated or experienced without regular attendance. Therefore, it is crucial that regular attendance be a priority for success. Students' grades in all courses may be affected by absences or tardiness.

A student is tardy once the bell rings and up to 15 minutes into class. Students who miss more than 15 minutes of class at any point in the period are marked absent.

Students exceeding 12 absences in a semester may forfeit credit and receive a failing grade. Appeals for excessive absences may be appealed to the principal for extenuating circumstances. See the Parent/Student Handbook for more specific information.

### **Definition of Credit**

1.0 credit = 1 academic year

Most full-year courses earn 1.0 credit with 0.5 credit awarded per semester. Concurrent credit classes are the exception to this; see course descriptions.

Semester-long classes earn 0.5 credit.

Credits are added to the student's transcript at the end of each semester grading period.

Liberty graduates meet Washington State's 24 credit requirements + 0.5 credit of Bible for each high school semester at Liberty. 24-28 total credits.

LCS Grading Scale			
<u>GPA</u>	Grade %	Letter Grade	
4.0	93.5 to 100	Α	
3.7	89.5 to 93.49	) A-	
3.3	86.5 to 89.49	) B+	
3.0	83.5 to 86.49	) B	
2.7	79.5 to 83.49	) B-	
2.3	76.5 to 79.49	) C+	
2.0	73.5 to 76.49	) C	
1.7	69.5 to 73.49	) C-	
1.3	66.5 to 69.49	) D+	
1.0	59.5 to 66.49	) D	
0.0	< 60.0	0 F	

### **Counseling Office**

Students may contact the Academic Counselor for any questions about class schedules, extra learning opportunities, partner programs, career exploration resources, college application recommendations, or graduation requirements.

### Social/Emotional Support

Liberty staff and administration are available to provide students social/emotional support as needed. For more specific or critical needs, please see a member of the Peer Support Team (posted throughout the building); the team member will connect students with additional community resources.

Liberty does not provide licensed mental health counseling.

# Credit for High School Classes Taken in Middle School

State law and Liberty practice allow 7<sup>th</sup> and 8<sup>th</sup> grade students to receive high school credit for some high school courses taken in middle school.

Credit for high school courses is automatically awarded on the high school transcript. Students and their parents may opt out of the credit and request it be removed from the high school transcript before the end of the student's 9<sup>th</sup> grade year. The credit opt out only applies to high school classes taken in middle school. See the Academic Counselor for more information and implications to credit progress.

### F.A.C.T.S (RenWeb)

Parents and students can monitor the student's progress through FACTS/RenWeb, Liberty's online student information system. Each family will have a family portal account, and students and parents may also download the app for access to grades, attendance, lunch orders, schedules, and more.

Middle and high school students are strongly encouraged to have their own access for grade checks.

Contact the office for help in setting up your Family Portal access.

## Google Classroom

Teachers may use Google Classroom as an extension of the work done in class. Classes are automatically loaded onto the student's Google Classroom page.

Students are assigned login credentials by our IT staff. The office provides this information to teachers and students.

Google Classroom and FACTS (RenWeb) are linked. The FACTS gradebook is the official gradebook for report cards and transcripts.

Check both Google Classroom and FACTS/RenWeb for assignments when absent.

Check with the office if you have account questions or difficulties.

#### Student Email

Students 8<sup>th</sup>-12<sup>th</sup> grade are asked to have their own email (gmail, yahoo, icloud, etc.). This will be used for academic communications and registrations (College Board, Khan Academy, Tri-Tech, Running Start, etc.).

Students are assigned a network login email at Liberty, but this is not an active email account. It is simply a login to our network when using Chrome books and Google Classroom.

Please make sure the office and/or Academic Counselor have your most current personal student email.

## **Open Campus Privileges**

10<sup>th</sup>-12th grade students may request open campus privileges with parent approval. Open campus privileges allow the student to sign out at the office and leave campus for lunch or during a scheduled open period.

An open campus form must be submitted each year.

Open campus privileges may be revoked for behavior or academic concerns.

## **Transcripts**

High school transcripts are updated at the end of each semester.

To request an official or unofficial transcript, please complete the transcript request form found on the forms display at the office or contact the Academic Counselor or office by email. Please allow at least 24 hours for transcript requests to be filled.

# Grade Checks and Interventions

The Academic Counselor runs weekly grade checks for 6<sup>th</sup>-12<sup>th</sup> grade students. The grade report threshold checks for grades less than 70%.

This data is used to identify students who may need extra supports or interventions. The collaborative effort, documentation, interventions, and partnership lead to improved student academic outcomes.

Weekly grade checks are used to determine athletic and open campus eligibility. Students are eligible for participation when grades are higher than 70%. At the time of a grade report, if a student has at least two (2) Ds or one (1) F in any class, the student will not be eligible to participate in games and/or have open campus privileges until the next grade report. We will not recheck eligibility when a student suddenly turns in missing work to be eligible for game day. It is the student's responsibility to manage assignments and due dates, and to pursue extra academic help as needed every day.

## **Secondary Resource Support**

Need academic support? Our secondary resource teacher, Mrs. Mata, is available to work with students at lunch and after school.

You may also opt to take *Foundations* in *Success*, a class specifically designed to teach and apply skills in time management, executive functioning, project management, study skills, and other learning strategies.

See the Academic Counselor for more information or to request this class.

### **Independent Study Online**

Liberty has several online partnerships. Online classes are for students who are highly motivated and have strong self-regulation and time management skills to manage a self-paced course. Online courses can be an option for high school student electives unless by rare circumstance and with administrator approval to meet a specific core academic need. All online classes a student wishes to have on their Liberty Christian School transcript must be approved and coordinated through the Academic Counselor or administration. Students must submit a form and online course transcript requesting a course be added to Liberty's transcript.

Red Comet is an accredited online educational platform in partnership with the State of Washington and managed through the Toppenish School District. Red Comet has two "divisions" – private pay and ALE (Alternative Learning Environment), which is tuition-free. Students may register for a class under the private pay branch at any time and request a course be added to their Liberty transcript. Liberty does reserve the right to deny some credit addition requests if a course would not be in line with a Biblical worldview. Students are advised to coordinate with the Academic Counselor or administration prior to enrollment. For private pay enrollment, go to <a href="https://redcomet.org/">https://redcomet.org/</a>.

During the school year, students may take a class through Red Comet's ALE "division". These must be courses not offered at Liberty. A designated period in the student's schedule is allotted for this class, and students are given a work space in the office or other assigned location. For funding purposes (thus making it "tuition-free"), the ALE registration process is a partnership between Toppenish School District, the student's boundary school (zoned public school), and Liberty. ALE registration uses a separate application than private pay registrations; please contact the Academic Counselor for more information. To see an ALE course catalog, visit <a href="https://redcomet.org/ale">https://redcomet.org/ale</a>. Some courses offered under the private pay "division" may not be available under the ALE tuition-free program.

Sevenstar, an online ministry partner through ACSI, offers solid, biblically based, and academically robust courses to meet a wide range of academic needs from credit recovery to multiple Honors and AP course offerings. Sevenstar courses are by private pay enrollment, but may be coordinated through the school for our school partnership pricing. For more information about Sevenstar visit <a href="https://sevenstar.org/">https://sevenstar.org/</a>.

GRAND CANYON

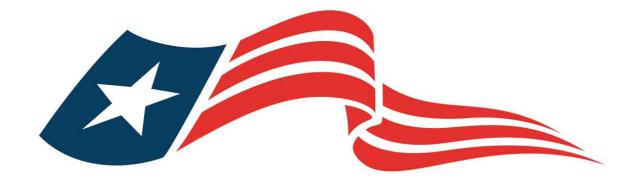
Grand Canyon University offers high school dual enrollment courses and programs. Like our NNU concurrent credits or the Running Start program, students may earn high school and college credit through the same course. GCU dual enrollment courses are private pay and not eligible for funding through Running Start. For more information visit <a href="https://www.gcu.edu/individual-courses/dual-enrollment">https://www.gcu.edu/individual-courses/dual-enrollment</a>.

### Academic Eligibility for LCS Athletics/Activities

Athletic/Activity eligibility is based on minimum requirements from WIAA (Washington Interscholastic Athletic Association) and LCS policies. LCS student-athletes are held to a more rigorous academic requirement than WIAA with regular grade checks and academic interventions. Student-athletes are students first; the priority is on academic rigor and responsibility.

Student-athletes are eligible for participation when grades are higher than 70%. At the time of a grade report, if a student has at least two (2) Ds or one (1) F in any class, the student-athlete will not be eligible to participate in games until the next grade report. We will not recheck eligibility when a student suddenly turns in missing work to be eligible for game day. It is the student-athlete's responsibility to manage assignments, due dates, and to pursue extra academic help as needed every day, not just game day. If the grade concern does not resolve in a timely manner, student-athletes may not be eligible to participate in practice until the academic concern is improved. An Academic Restoration Contract may be initiated by a teacher to help a student work toward focused goals that may lead to an improved grade. Students who may otherwise be ineligible for participation may continue to participate if an Academic Restoration Contract is in place and all the terms of the contract are being met. Academic Restoration Contracts are individual; they vary in specific goals, requirements, and duration.

Per WIAA, private-school students participating in off-campus programs (Tri-Tech or Running Start) must be at their home school half-time to be eligible for athletics. At Liberty, this is 2 classes.



## **NCAA College Freshman Athletic Eligibility**

All student-athletes wishing to participate in NCAA college athletics need to register with the NCAA Eligibility Center at the end of junior year or beginning of senior year. The NCAA Eligibility Center certifies whether prospective college athletes are eligible to play sports at NCAA Division I or II institutions. It does this by reviewing the student-athlete's academic record, SAT or ACT scores, and amateur status to ensure conformity with NCAA rules. Student-athletes obtain information and register online at <a href="www.eligibilitycenter.org">www.eligibilitycenter.org</a>. Student-athletes must enter personal information, answer questions about their course work and sports participation outside of high school, and pay a registration fee.

## **Graduation Requirements**

A total of 28 credits are required for graduation from Liberty Christian School for the Class of 2020 and beyond. 24 credits in the categories outlined by the State of Washington and 0.5 credit of Bible for each high school semester attended. Thus, a graduate who has been at Liberty all four high school years must earn a minimum of 28 credits.

High school credit is awarded for successful completion of a specified unit of study. Successful completion means demonstrating mastery/proficiency of content standards or successfully completing a class which meets for a minimum of 150 hours of planned instructional activities.

All students must meet minimum requirements, including these courses specified at Liberty:

- Enrolled in Bible for every high school semester in attendance at Liberty Christian School
- Health
- United State History
- Civics
- Biology
- Participate in Student-Led Conferences each semester

Should a student transfer into Liberty with these credits (except Bible) already earned, the course will be accepted. The primary intent of the course specifications is to uphold the Biblical worldview principles.

The Board and Administration will award a high school diploma to every student who meets the requirements with no distinction being made between the various programs of instruction pursued.

#### Valedictorian and Salutatorian Selection Process

Selection is based on the highest cumulative GPA of all courses taken through the end of 1<sup>st</sup> semester senior year among students who have met other qualifying criteria. The student must have completed a minimum of four courses (4 credits) of concurrent credit, AP, Honors, or identified college credits through Running Start. Opting Satisfactory/Unsatisfactory or N grade in any Running Start course disqualifies the student from consideration.

Eligible students must also:

- Be a Liberty Christian School student for a minimum of 2 years in high school,
- Be in attendance during their senior year at Liberty Christian School,
- Earn a minimum of 12 credits at Liberty Christian School,
- Complete all Liberty Christian School graduation requirements.



# LCS Graduation Class of 2026 and beyond

### 4-YEAR COURSE PLAN WORKSHEET

**Directions:** List below the courses you have taken (or plan to take) each year in high school. \*\*Note and consider local/state graduation requirements and post-secondary admission requirements for desired institutions.\*\*

SUBJECT AREA	Notes	GR 9	GR 10	GR 11	GR 12
English Graduation Requirements 4 yrs. for CADR	Must have at least 1 literature and 1 composition class				
Mathematics  Graduation Requirements 3 4 yrs. recommended for CADR	1 Algebra-based; 1 Geometry; 1 personal pathway				
Science  Graduation Requirements 3  3 yrs. for CADR w/Biol. & Chem.	2 must be lab science				
Social Studies  Graduation Requirements 3  3 yrs. for CADR w/.5 World Geo, 1.0 US History, .5 Civics, 1 elect.	WA state history required in either MS or HS				
Health and Fitness  Graduation Requirements 2  .5 Health, min .5 letter-graded fitness, 1.0 p/f fitness/sport	Includes .5 of health – High school sports may be applied for 1.0 of Fitness requirement				
Arts  Graduation Requirements 2  1 yr. for CADR; 1 yr. pers.path.	One may be a personal pathway credit				
World Language or Personalized Pathway Requirement Graduation Requirements 2 yrs. same lang. for CADR	*Most 4-yr universities require 2 yrs of foreign language; elite programs prefer 3				
Career Technical - CTE  Graduation Requirements 1  .5 College & Career (LCS grad req.)	Includes occupational				
General Electives  Graduation Requirements 4	Any course beyond the min. required in a category is applied as an elective;				
LCS BIBLE 4  DON'T count toward electives	0.5 Bible credit for each HS semester at LCS				
TOTAL CREDITS Graduation Requirements 24-28	Range reflects # of HS semesters/years of Bible				

## **Tri-Tech Skills Center**



Tri-Tech Skills Center offers full-year programs for juniors and seniors seeking to explore careers and gain entry-level industry certifications in a wide variety of programs. Students who successfully complete a program can earn 1.5 occupational or elective credits each semester (3.0 credits/year). Successful completion of the full-year program allows these 3.0 credits to be divided into equivalency credits as needed (English, math, science, fitness, visual art, etc.).

Tri-Tech offers these full-year programs:

Auto Body Technology	Fire & Emergency Medical Services
Auto Systems Technology	Law Enforcement
Computer Science/Cyber Security	Pre-Electrical
Construction Trades	Pre-HVAC-R
Cosmetology	Pre-Medical Assistant
Culinary Arts	Pre-Nursing
Dental Assisting	Pre-Physical Therapy
Diesel Technology	Pre-Veterinary Technician
Digital Arts & Filmmaking	Video Game Design
Early Childhood Education	Welding Technology

All Tri-Tech programs are one year long. Select programs may invite students to return for a 2<sup>nd</sup> year with additional leadership and mentorship responsibilities within the program. 2<sup>nd</sup> year placements require at least a B or better in their 1<sup>st</sup> year program, strong attendance records, and teacher approval.

Nearly all programs offer some type of off-site activities including job shadows, internships, clinical rotations, volunteer activities, and fitness training.

Liberty students are responsible for their own transportation to and from Tri-Tech and to all Tri-Tech activities.

Students who wish to apply for a Tri-Tech program must meet with their counselor for credit planning and application instructions.

Each of the "big" districts in our area are allotted a quota of seats (2-3) in each program. Liberty students as well as those in many smaller school districts are allotted spots based

on availability and by the order in which applications are submitted. Applications open in late January, and students are notified in early May.

To receive a counselor's endorsement on Tri-Tech placement, Liberty students must:

- Be planning for junior or senior year
- Be eligible based on credit evaluation and progress toward graduation
- Be a good citizen at Liberty behavior, attendance, leadership, example, respect toward peers and teachers, etc.
- Be academically disciplined on-time work, best academic effort, etc.
- Plan to remain at Liberty. Please do not use Liberty as a means for placement only to transfer; this takes a spot from a Liberty student who intends to stay.

For more detailed program information, refer to the complete Tri-Tech Skills Center catalog available in the counseling office or online at <a href="https://tritech.ksd.org/learn/career-technical-education">https://tritech.ksd.org/learn/career-technical-education</a>.

## **Tri-Tech Skills Center Summer Academy**

Want to try out a program? Summer Academy is a great way to explore high demand careers.

- Open to all incoming 9<sup>th</sup>-12<sup>th</sup> grade students
- All classes are FREE
- Earn 0.5 credit
- Two weeks (usually immediately following the last day of school and ending by July 4<sup>th</sup> holiday)
- Registration is online (early May) and filled on a first-come, first-serve basis; watch for announcements about registration or visit https://tritech.ksd.org/students/summer-academy.

## **College Credit for High School Students**

#### **Concurrent Credit**

Liberty offers concurrent credit college classes in English and Chemistry in partnership with Northwest Nazarene University. Each course follows NNU's syllabus and college requirements; LCS teachers for these courses have been vetted as adjunct faculty with NNU. Registration for college credit is separate from LCS tuition; information is given to students at the beginning of each course. NNU's grading scale is applied for these courses. See course descriptions for prerequisite information.

NNU classes may be transferred to other universities, including CBC, for those also pursuing Running Start.



Classes offered:

**Introduction to Chemistry** (CHEM1200/1200L Principles of General Chemistry)

#### **Advanced Chemistry**

(includes both NNU classes – CHEM2210/2210L General Chemistry I with lab and CHEM2220/2220L General Chemistry II with lab

**English Composition** (ENGL1020)

**American Literature** (ENGL1094A Literature: Short Fiction)

# NNU Grading Scale (Concurrent Credit Classes)

<b>GPA</b>	Grade %	Letter Grade
4.0	92.5 to 100	A
3.7	89.5 to 93.49	A-
3.3	86.5 to 89.49	B+
3.0	82.5 to 86.49	В
2.7	79.5 to 83.49	B-
2.3	76.5 to 79.49	C+
2.0	72.5 to 76.49	С
1.7	69.5 to 73.49	C-
1.3	66.5 to 69.49	D+
1.0	60.0 to 66.49	D
0.0	< 60.00	F

### Running Start

Running Start allows academically eligible high school juniors and seniors the opportunity to earn college credit while fulfilling high school graduation requirements. Different from dual or concurrent credit programs where the college course is taught on the high school campus, Running Start students take their courses directly through the college.

Running Start students can:

- Take up to two years of college coursework tuition-free.
- Study a variety of subjects not offered in high school,
- Participate in advanced level courses,
- Transition to a more independent learning environment,
- Prepare for future career and educational opportunities,
- Earn their AA-DTA (Associate in Arts & Sciences Transfer Degree).

Interested students must meet with the Academic Counselor for specific advising on the process and recommendations in courses to meet high school graduation requirements.

A CBC advisor must help you plan and pursue your AA-DAT. A high school counselor cannot advise for a college degree program. It is the student's responsibility to manage credit progress, registration deadlines, and other requirements at CBC.



#### **CBC Grading Scale (Running Start Classes)**

<u>GPA</u>	Letter Grade
3.8 to 4.0	A
3.5 to 3.7	A-
3.2 to 3.4	B+
2.9 to 3.1	В
2.6 to 2.8	B-
2.3 to 2.5	C+
2.0 to 2.2	C
1.6 to 1.9	C-
1.3 to 1.5	D+
1.0 to 1.2	D
0.0 to 0.9	F

## **Four-Year College Admission**

These are the minimum high school College Academic Distribution Requirements (**CADR**) for the Public Baccalaureate Institutions in the State of Washington.

- High school graduates seeking freshmen admission to Washington's public colleges will be required to meet minimum admissions standards. Private colleges may each have additional requirements.
- At the core of these new standards is a common set of course requirements termed College Academic Distribution Requirements or CADR (formerly "core")
- Graduates need at least 15 CADR credits in high school
- Students are encouraged to take at least three (3) **CADR** courses each year *including senior year*.

Previous college admission standards used the term 'year' to designate completion of what is now referred to as 'one credit'. Some school districts may use alternative or block scheduling that permits students to earn a full credit in a subject area in less than an academic year.

College Academic Distribution Requirements			
Course	Required Credit	Description	
English	4 credits	Four years of English study are required, at least of which must be in composition or literature. One of the four years may be satisfied by courses in drama as literature, public speaking, debate, journalistic writing, business English, or a course in English as a Second Language (ESL). Courses that are not generally acceptable include those identified as remedial or applied (e.g. developmental reading, remedial English, basic English skills, review English, yearbook/annual, newspaper staff, acting, and library).	
Mathematics	3 credits (+1 senior year)	Three years of mathematics are required in addition to one math credit in senior year unless the student has completed math through Pre-Calculus or through a math-based quantitative course (like Statistics, applied math, or appropriate career and technical course) or an algebra-based science course (like Chemistry, Physics, or other science course that incorporates knowledge of algebra. An algebra course taken in 8th grade may satisfy one year of the requirement if 2nd year algebra is completed in high school. Note: the senior-year math requirement is intended for seniors to take meaningful math; it does not require a higher level of math. Math-based science also meets this requirement.	

		Note: Successful completion of math through pre-calculus meets the requirement of 3 credits of math and the senior math requirement.
Science	3 credits (2 lab sciences)	Three years of science of which 2 must be lab sciences. One credit must be in algebra-based sciences; one credit must be in biology, chemistry, or physics.
Social Studies	3 credits	Three years of history or other social science (e.g. anthropology, contemporary world problems, economics, geography, government, political science, psychology). 0.5 Geography, 1.0 U.S. History, 0.5 Civics/Government, and 1.0 other social studies electives.
Arts	1 credit	One year of fine, visual, or performing arts or one additional credit in other CADR academic subject areas as defined above. Acceptable coursework in the fine, visual or performing arts includes art appreciation, band, ceramics, choir, dance, dramatic performance and production, drawing, fiber arts, graphic arts, metal design, music appreciation, music theory, orchestra, painting, photography, print making, or sculpture.
World Language	2 credits	Two years of the same world language, Native American language, or American Sign Language.  Note: a world language course taken in middle school may satisfy one credit of the requirement if the second-year course is completed in high school.

## College & Career Counseling



LCS subscribes to Career Planner as a resource for our students. During 8th grade Advisory, students are introduced to Career Planner as a resource to explore skills, interests, and abilities as a match with a wide variety of career clusters. Each career may be further researched for the educational required pathway, opportunities, projected salary range in various areas of the state, and so much more. Students are encouraged and given opportunities to create a portfolio of career interests and to revisit it often during their high school years as they develop career and educational pathways.

This resource requires a personal login and password. See the Academic Counselor if you need help accessing your account.

https://libertychristian.schooldata.net/v2/c



## SAGE College Prep Services

Sage College Prep Service's mission is to help high school students explore opportunities in higher education and prepare them to successfully apply and enroll in the colleges of their choice. They offer prep courses for SAT and ACT as well as coaching in scholarship applications. This is a trusted outside resource for students. Periodically, we may share information from SAGE as a courtesy. You may also connect with them privately for more in-depth college prep support.

https://sagecps.com/



Connecting students with employers, educators, and resources for career exploration and planning. Learn about various job opportunities in our region. Watch videos from professionals working in the industry, virtual field trips, featured job highlights, and pathways to these careers.

https://www.careerexplorenw.org/



Going Merry is a free scholarship search and application platform offering personalized scholarship matching for thousands of scholarships and grants and a FAFSA Made Easy tool. College-bound students are encouraged to sign up for a free account for access to frequently updated scholarship offers

https://www.goingmerry.com/





Access a free college & career library of videos and resources to inform your career and college search process.

<u>Liberty Christian School College & Career</u> <u>Library</u>

## **Career Clusters**

Liberty's mission, *Preparing Global Ambassadors*", emphasizes "whole-person" discovery and development – soul, mind, body, and spirit, so that students are prepared to impact the world for Christ through every business, service, and leadership platform in their future. The journey of discovering each student's God-given gifts and abilities cover many years and multiple subject areas. Career exploration and career guidance assist students in understanding their unique abilities and interests through the lens of God's purpose for them and in the application of the current workplace environment. Liberty students are introduced to career exploration resources in 8<sup>th</sup> grade Advisory and again through College & Career Exploration, a required high school course. Career exploration is centered around these essential questions: Who am I? What gifts has God given me? To what do I feel called? What are the steps to get there?

Students may continue to use the Career Planner resource through their high school years to take career interest assessments that will recommend career clusters based on the interests, strengths, and skills of the student and those currently employed in these areas. All clusters include a variety of occupations that require different levels of education and training for entry-level, skilled-level, or professional-level positions.

- Entry-level: Entry level job refers to first level employment in the company that generally does not require experience, training, or higher level of education. These jobs generally require a high school diploma. Most jobs are minimum wage or slightly higher. Only about 15% of tomorrow's jobs will be available with only a high school diploma.
- Skilled-level: the education and training for most of these jobs is two or more years
  of advanced education beyond high school obtained through apprenticeships,
  vocational/technical school, community college, or the military. Over 65% of
  tomorrow's jobs will require skilled-level training.
- Professional-level: these jobs require at least a bachelor's degree or beyond for a Master's or Doctorate degree. Today, nearly 60% of all jobs in the U.S. economy require higher education. (2022)

Career Clusters		
Agriculture, Food, and Natural Resources	Hospitality and Tourism	
Architecture and Construction	Human Services	
Art, A/V Tech, and Communication	Information Technology	
Business, Management, and Law, Public Safety, Corrections, and Security		
Administration		
Education and Training	Manufacturing	
Finance	Marketing, Sales and Service	
Government and Public Administration	Science, Technology, Engineering, and Math	
Health Science	Transportation, Distribution and Logistics	

## **Standardized Tests & Resources**

### PSAT 8/9 and PSAT/NMSQT (National Merit Scholarship Qualifying

**Test)** are part of the SAT Suite of Assessments through College Board. Liberty students in grades 8-11 participate annually in either the PSAT 8/9 or PSAT/NMSQT on the national test date, the 2<sup>nd</sup> Wednesday of October. Individual data is analyzed for student growth over time and program review. Students are strongly encouraged to share their PSAT scores with Khan Academy by creating and linking College Board and Khan Academy accounts for personalized SAT practice based on individual test results. Attend one of the PSAT score review workshops or contact the Academic Counselor for more information. For information visit more https://www.collegeboard.org/.



**SAT** is a standardized test used for college admissions in the United States. Testing is managed through College Board. While some universities are currently trending "test optional" for admission, students who are hoping for college scholarship assistance should still plan to take these tests as SAT scores are a requirement for most scholarships. Be sure to check each university's test score requirements.

Plan to take the SAT during spring semester junior year and again in early fall of senior year. Taking the test multiple times allows for improved scores and the option to create a "super score" – your best scores from each testing category regardless of date the test was taken.

For more information or to create a College Board account, go to <a href="https://www.collegeboard.org/">https://www.collegeboard.org/</a>.



**ACT** is a standardized test used for college admissions in the United States. The ACT test covers four academic skill areas: English, mathematics, reading, and scientific reasoning. The test is administered by ACT, a non-profit organization. Like the SAT, the ACT is given multiple times per year and may be required for students hoping for college scholarship assistance. Check with your intended university to confirm specific requirements.

For more information or to create an account and register for a test date, visit <a href="https://www.act.org/">https://www.act.org/</a>.



**ASVAB** – The Armed Services Vocational Aptitude Battery (ASVAB) is available to juniors and seniors interested in military careers. The test is administered by the Department of Defense. Interested students may visit with local Tri-Cities Military Recruiting Officers or seek more information from the Academic Counselor.



**Khan Academy** – a non-profit educational organization since 2008, Khan Academy's goal is creating a set of online tools to help education and support students in academic growth. Short video lessons and instructional models are provided. Supplementary exercises and personalized SAT practice are available when PSAT standardized tests scores are shared between accounts. For more information visit <a href="https://www.khanacademy.org/">https://www.khanacademy.org/</a>.



# **Middle School Course Descriptions**

4 Core Classes	English (traditional 9 Hangra for each grade level)
4 Core Classes	English (traditional & Honors for each grade level)    Company of the Control of the Contro
	History (7 <sup>th</sup> : WA State History & Global Studies; 8 <sup>th</sup> : Early U.S.  History)
	History)
	Math (by teacher recommendation/grades/testing; Math  Fundamentals, Pre Algebra, Integrated Math 1, Algebra 1)
	Fundamentals, Pre-Algebra, Integrated Math 1, Algebra 1)
4 DE / Advissor	Science (Earth Science, Life Science, Physical Science)      Science (Earth Science, Life Science, Physical Science)
1 PE / Advisory	PE M, Tu one week and M, Tu, W the next (or Th, F and W, Th, F)
Split 2/3 schedule	Advisory on alternate days from PE. Advisory will cover Character
4 B". I.	Strong, leadership, and community building.
1 Bible	Bible classes are 1 semester long. Over 7 <sup>th</sup> /8 <sup>th</sup> grade years, students will
	take 4 of the classes offered:
	Foundations in Worldview
	History & Heroes
	John & Epistles
	Better Together: Christian Living
	Understanding the Old Testament
	Starting Point (Introduction to the Bible)
1 Elective	• Art
	Exploration Rotation
	Food Science
	Foundations in Success
	Marimba* (full-year)
	Media Production
	Robotics
	Spanish 1 (8 <sup>th</sup> grade only; must have an 85% or better in English and teacher recommendation; based on space availability; full
	year)*
	Worship Ministry*
	Drama*(after school, 2 days a week)
	Introductory Spanish (not HS credit)
	Aviation
	*These classes are combo MS/HS classes earning high school credit
	toward specific graduation requirements.
	*Drama will run on a hybrid schedule. MS students may ADD Drama to their schedule but must also have another elective during periods 1-7 (no free periods in middle school).

Course descriptions for high school courses available to middle school students will include prerequisite and credit information.

### **Advisory**

**Advisory** – Middle school Advisory centers on the emotional, character, and academic development of each student. Life lessons are built on the Character Strong curriculum and Scripture. Lessons are often tied to current student concerns and their subsequent questions.

8<sup>th</sup> grade Advisory includes introductory lessons in career exploration and high school and beyond planning. Students are equipped to make informed curriculum decisions for high school and provided resources for exploring career interests.

#### **Bible**

All four courses are part of the middle school Bible scope and sequence; the courses may be taken in any order. Courses may not be repeated.

**History & Heroes** - In "History & Heroes" students will be challenged by the stories and theology of the men and women of Christian history who have paved the way for Christianity today. In this class, the study of people such as Jonathan Edwards, Susanna Wesley, Charles Spurgeon, Fanny Crosby, and others, will be used to develop Christian character and theology in the students' lives.

Gospel of John - This course is based on the truth that our God has a purpose for His children. He desires that each will come to know Him more fully, love Him more deeply, enjoy His presence daily and glorify Him for all eternity. Students will come to know God more fully as they see Jesus, the perfect representation of God, His teachings, and His attributes found throughout the book of John. As we study the Scripture, we will also delve into the basic truths of faith found in Christ's teachings as He instructs and matures His disciples. Throughout John students will see how God has called and empowered those who belong to Him to be like Him, to live in the fullness of Him, and thus love others like Him.

Better Together - "A new command I give you: Love one another. As I have loved you, so you must love one another. By this everyone will know that you are my disciples, if you love one another" - John 13:34-35 (NIV). Using this as a core verse and Bob Goff's text *Everybody, Always*, Better Together will focus on what it means to be part of the body of Christ and showing Jesus' love through our actions and behavior toward others. This class will have small and large group discussions, learn and apply the use of Love Languages, will utilize written assignments, practical applications, object lessons, hands-on projects (cleaning, baking, painting, etc.), will implement certain Character Strong Character Dares, and will have Bible verse memorization. Students will be writing stories from their own lives, have the opportunity for service projects, and much more. In this class, students will have a safe space to share and practice what Jesus meant by being His disciples by loving one another and will see the various ways that people can be in service to one another.

**Foundations in Worldview** - In this course students will be challenged to explore their understanding of the world through their current lens of reality, and how it compares to a Biblical worldview. Students will be exploring the different philosophical questions of a

CWV, and how they are answered through the Bible. Students will examine, what is a CWV and how a CWV will impact: how I think of myself, how I relate to others, how I relate to the world, how am I to live, how I relate to God; how I view sin, redemption, and eternity. Students will be memorizing scripture and encouraged to read their Bible daily and put into practice the precepts of a CWV.

**Understanding the Old Testament** – Students will learn to distinguish between the different genres of writing in the Old Testament, the Law, History, Poetry, Wisdom, and Prophecy. They will also learn the primary message and purpose of the Old Testament as a guide to point us to the coming Messiah Jesus. Following the theological implications of the Fall and the promise to one day crush Satan, this course will walk through the narrative of the Old Testament. It will walkthrough God's plan and use of making a people His own, bringing His Word to the world, and ultimately through His people, bring the coming Messiah.

**Starting Point** - This course is designed for students who have limited exposure and knowledge in studying the Bible or are being introduced to Christian Faith for the first time. It will cover foundational issues which are the basic truths of our faith including topics like, "What is the Bible?", "God's relationship with Mankind", "What does it mean to be a Christian?", and others. This course is an excellent primer for any student to either go over for the first time or as a refresher the foundations of what we believe as Christians.

### English

7<sup>th</sup> Grade English - In 7<sup>th</sup> grade English, students can expect to explore the world of writing, both informative and creative, especially experimenting with writing in different genres in the writing of fables and poetry. Students will be engaging with fiction and non-fiction short stories, readings from the Bible, and other works that will challenge them to consider the character traits that each of them has been given by their Creator and how those traits can be used to glorify God in their mission as global ambassadors. 7<sup>th</sup> graders will be challenged to increase language and writing skills by reading model texts from readings of Psalms and Proverbs and writing their own pieces on the marvelous works of nature that God has created, including themselves. Students will be building on the Latin foundations laid in 6<sup>th</sup> grade by learning Greek roots, prefixes, suffixes, and words to expand their spelling and word knowledge. Additionally, there will be several in-class readings such as Out of the Dust and Alice's Adventures in Wonderland, and several short stories. There will also be opportunities for public speaking practice, out-of-class reading expectations, book sharing, practicing and building on previous English skills (grammar, spelling, punctuation) with writing essays and daily work, and learning how to properly use standard writing format (Modern Language Association/MLA).

**7<sup>th</sup> Grade Honors English** - In 7<sup>th</sup> grade honors English, students will be learning many of the same skills and using many of the same materials as 7<sup>th</sup> English, but with the addition of being introduced to argumentative essay writing, Aristotle's three appeals of

logic and the art of building a logical argument, as well as the addition of reading and analyzing Charles Dickens' *A Christmas Carol*. This class will have the expectation of requiring more complex thought processing and analyzing of texts than other classes, which may result in a higher homework load.

8th Grade English - In 8th grade English, students can expect to explore topics in fiction and non-fiction, including beginning to tell their life and faith story with the writing of a personal narrative, diving deeper into discovering and understanding how God has created them uniquely and given them dreams and desires and experiences that have been uniquely and purposefully designed to reflect Him. Students will also be expanding upon and continuing the 7th grade foundations built with Greek roots, prefixes, and suffixes by continuing their study in this area. This class will entail several in-class readings such as The Witch of Blackbird Pond, Across Five Aprils, as well as readings from non-fiction works such as *The Hiding Place* where students are given opportunities to discuss how faith has been a part of history and how Biblical worldview has changed over time. There will be many opportunities for public speaking practice, out-of-class reading expectations, book sharing, practicing and continuing to build on previously learned English skills (grammar, spelling, punctuation) with writing essays and daily work, learning how to properly use standard writing format (Modern Language Association/MLA), using Google Slide Shows and other presentation platforms to enhance speaking presentations, and much more.

**8<sup>th</sup> Grade Honors English** - In 8<sup>th</sup> grade honors English, students will be learning many of the same skills and using many of the same materials as 8<sup>th</sup> English, but with the addition of refining and perfecting the art of persuasive research writing and building a logical argument, an introduction to technical writing, as well as the addition of reading and analyzing *The Bronze Bow*. This class will have the expectation of requiring more complex thought processing and analyzing of texts than other classes, which may result in a higher homework load.

#### **History**

**Washington State History (7**<sup>th</sup> **grade) –** Also known as Pacific Northwest History, this class is a survey of the geography and history of the Pacific Northwest States (Washington, Oregon, and Idaho). This study will highlight pre-state history, natives to the land (s), geographical features of the land(s), missionary efforts to this area, how this area developed into three states, and civil government.

\*This class meets a specific Washington state high school graduation requirement. It is taught at the middle school level; no high school credit is earned. However, the student's high school transcript will reflect this requirement as met when the course is complete.

**Global Studies (7<sup>th</sup> grade) -** In "Global Studies", 7<sup>th</sup> grade students will study a large number of different cultures, countries, and continents. Reviewing the ancient and near history of various lands and people will help develop a student's sense of respect and appreciation for people from all around the world.

History 08 In God's Perfect Timing - This 8th grade class presents the history of the United States from a Christian perspective and a high view of God. It is designed to give students a deeper understanding of our nation's history as it unfolds beginning with Viking and Venetian exploration through World War II including a working knowledge of pertinent geographical locations. As students are transported back into time through a variety of activities, they will be challenged to explore the principles and people behind the events of American history in the context of God's will and plan. The goals of this course are to show God's sovereignty and perfect timing in the unfolding of our nation's history, to appreciate the role of individuals in forming our nation, and to encourage thought-provoking life applications while utilizing higher levels of thinking.

### Math

Math placement is determined by placement testing and teacher recommendation. The math concepts taught in middle school are foundational to success in high school math and math-based sciences; therefore, it is our recommendation and practice to place students according to a student's preparedness for the course standards.

**Math Fundamentals -** This class is an introduction to Pre-Algebra. It is designed to smooth the transition from 6<sup>th</sup> grade math to Pre-Algebra. Prentice Hall Course 2 Mathematics presents upper-level concepts in a simplified manner, providing guidance to help students become fluent in ratios, percentages, equations, inequalities, geometry, and graphing. At the completion of this curriculum, students will be prepared for the same types of standards with the increased pace and rigor of Pre-Algebra.

**Pre-Algebra -** This class is designed as an introduction to algebra. Prentice Hall Course 3 Mathematics focuses on extending math fluency with fractions, decimals and percents. Students will develop fluency with rational numbers. Students will learn how to solve equations with variables and inequalities. Students will investigate and explore mathematical ideas and develop multiple strategies for analyzing complex solutions. Students will apply mathematical skills and make meaningful connections to life experiences.

**Integrated Math 1 -** Integrated Math 1 is the first of a three-course series that builds and strengthens students' conceptual knowledge of functions, linear functions, equation, inequalities, sequences, basic exponential functions, systems of linear equations, systems of linear inequalities, one variable descriptive statistics, correlation and residuals, analyzing categorical data, mathematical modeling, and both coordinate and transformational geometries. Mathematics as an academic discipline is a revelation of God to mankind. He has revealed Himself to be infinite (Revelation 1:8), unchanging (Malachi 3:6), consistent (James 1:17), and has established order in the creation (Isaiah 28:10). In knowing these aspects of God, students can see it reflected in math through creation and man. In discovering the mathematical basis of our world students should gain a new appreciation for truth and the order that is divinely communicated to us. *Prerequisite: Pre-Algebra or by placement test or teacher recommendation; full-year;* 1.0 credit

**Algebra 1 –** Symbolic reasoning is the primary emphasis in this first-year algebra course. Key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, either graphically or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion. Students will apply algebraic skills in a wide variety of problem-solving situations.

Prerequisite: Pre-Algebra, placement testing, or teacher recommendation; full-year; 1.0 credit

#### PE

Physical Education is taught at Liberty Christian School as an essential component in a 'whole person' curriculum. We intend that each student be well-rounded and continue to increase in 'wisdom and stature and in favor with God and men (Luke 2:52) as modeled by our Savior Jesus Christ. Scripture indicates that there is value in bodily exercise (1 Timothy 4:8) and that our bodies are the temple of the Holy Spirit, which lives in us (1 Corinthians 6:19-20). Therefore, it is a privilege to live and move and have our being in Christ (Acts 17:28)

PE is required for all middle school students. Participation in PAX or Strength and Speed is not a substitute for being enrolled in a MS PE course as part of the student's regular schedule.

**MS PE –** Through this course students will: support LCS's core values; demonstrate motor skills and movement patterns in a variety of physical activities; present knowledge of movement concepts, principles, and strategies; assess and maintain physical fitness levels to improve health and performance; apply learned concepts to everyday life.

**Strength & Fitness Fundamentals** - takes an in-depth look at the five components of physical fitness in Fitness Fundamentals 1: muscular strength, endurance, cardiovascular health, flexibility, and body composition. This course allows students to discover new interests while experimenting with various exercises in a non-competitive atmosphere. By targeting different fitness areas, students increase their understanding of health habits and practices and improve their overall fitness level.

Students take a pre- and post-fitness assessment. Throughout this course, students also participate in a weekly fitness program involving cardio, strength, and flexibility elements.

**Strength & Fitness Fundamentals 2** - is designed to provide students with the basic skills and information needed to begin a personalized exercise program and maintain an active and healthy lifestyle. This class focuses on the seven fundamental human movements: locomotion, hinge, squat, push, pull, rotate, and anti-rotation while informing and promoting eating for performance, recovery, and overall longevity.

Students participate in pre- and post-strength and ability assessments of each fundamental movement and fitness tracking according to personal fitness goals. Students will participate in a daily workout involving cardio, strength, and flexibility throughout this course.

Prerequisite: Successful completion of Strength & Fitness Fundamentals 1

**Personal Strength & Fitness 3** - allows students to create and implement their personal fitness plan based on the foundations of Strength & Fitness fundamentals 1 and 2. This course will allow students to work towards improving form and building physical strength and power while ensuring the proper form of each movement. Students will participate in daily workouts individually designed for their personal fitness goals.

Prerequisite: Successful completion of Strength & Fitness Fundamentals 1 and 2 with a teacher recommendation.

**PAX –** Patriot Athletic X-Training (PAX) is a summer program designed to help students' develop power, strength, speed, teamwork, confidence, and personal growth. Workouts are led by Liberty Christian Varsity athletic coaches who are passionate about students' athletic and character development. PAX is available to students in 7<sup>th</sup>-12<sup>th</sup> grades. Students may use PAX to earn P/F credit toward HS fitness requirements; those who wish to earn credit, must set up an IS PE (Independent Study) course request and obtain the necessary documentation forms before the end of the first week of PAX. For IS PE credit: 75 fitness hours = 0.5 credit; 150 fitness hours = 1.0 credit. Every hour at PAX counts double toward these fitness hour totals.

**Strength & Speed** (available for 8<sup>th</sup> grade only) – This class is designed to help high school students improve their overall physical fitness. Strength & Speed focuses on developing strength, power, and speed through a variety of exercises and activities. The class is structured to provide students with a comprehensive workout that includes weightlifting, plyometrics, and sprinting drills. Students will learn proper technique for exercises such as squats, deadlifts, and bench press, and will have the opportunity to work on power and explosiveness through jump training and sprinting. In addition to physical training, this class also emphasizes the importance of nutrition, hydration, and recovery. Students will learn about healthy eating habits and the role nutrition plays in supporting their athletic goals. By participating in this class, students will see improvements in their overall physical performance and will develop the skills and knowledge necessary to maintain a healthy, active lifestyle. Whether you are a seasoned athlete or just looking to get in shape, Strength & Speed will help anyone looking to take their physical fitness to the next level.

Prerequisite: 8<sup>th</sup>-12<sup>th</sup> grade; 1 semester; 0.5 credit

### Science

Life Science - Life Science surveys the structures and functions of living things such as plants, animals, and human beings. All these concepts are unfolded as a quest to understand the life that God has created. Major topics covered in this class include: The Pattern of Life (God's Living World, Cell Structure, Information in the Cell, Genetics and Chance in Nature); Microorganisms and Plants (Bacteria and Viruses, Protists and Fungi, The Plant Kingdom, Plant Functions); The Animal Kingdom (Animal Classification, Animal Structure and Function); The Human Body (Support and Movement, Energy, Transport, Control); and Interacting with the Biosphere (Exploring the Biosphere, Rhythms in Ecosystems, and Managing God's Creation). Case studies, lab activities, ethics boxes, and questions help students think like scientists and see life science from a Biblical perspective.

**Earth Science -** This course focuses on exploration of the basic structure and characteristics of the physical world as God created it. Major topics covered in this class include: The Celestial Sphere (The Stars, The Sun, Our Solar System, The Moon, and Space Exploration); The Atmosphere (Meteorology, Weather, and Natural Disasters); The Lithosphere (Geology, Rocks and Minerals, and Fossils); The Hydrosphere (Oceans and Seas, Glaciers and the Ground water system); and The Christian Worldview as it applies to Earth Science. A variety of teaching methods will be used to present the materials to the student, including lecture, videos, group projects, labs, in class discussion, and student presentations.

**Physical Science** - In this course, students will learn how God orchestrated the laws of physical science to show that our world was created by God, and not a series of random events. In this course students will get introduced to the basic concepts of Physical Science. This course includes an introduction to physics, chemistry, properties of energy and magnetism. Students will be encouraged to explore the relationship between science, everyday life, and God's ultimate design of our universe.

#### **Middle School Electives**

**Art -** Students will be introduced to several terminologies including pencil drawing, colors, pen and ink, charcoal, watercolors, acrylic paint pens, and other forms of art. Students will learn to express themselves using various mediums. They will use the mediums listed and many more depending on their interests to demonstrate still life, landscapes, portraits, abstracts, perspective, point of view, and forms of cartooning. The class is heavily based on weekly sketchbooks that are topic driven and specific to style and additional topics introduced. Intro art classes will continue into more project-based assignments such as paper mâché, posters, social justice mixed media, airbrushing, sculpture hydro dipping, murals, and play sets provided by Drama class. The class is open-ended, leaving room for students to add projects and mediums that they would like to try.

The goal of the class is to provide an atmosphere in which class members may grow in understanding themselves through open-minded and open-hearted reflection and artistic expression. Artwork is what the artist makes of it; students will be positively reinforced to dig deep to bring artistic expression and voice to a wide variety of topics.

**Aviation -** The Aviation course will allow students to develop skills related to the field of aviation, using Flight Simulation software with accompanying flight control hardware. Durning this course students will see how God revealed himself through imparting his wisdom on humanity through the process of flight and his Grand design for the world. Topics/skills covered in the class will include:

- map reading
- principles of air traffic control
- career paths in aviation
- exploration of aviation engineering
- accident case studies
- weather forecasting
- overview of unmanned aircraft systems
- the history of flight
- development of aviation skills to successfully pilot a plane in a simulation, with applications for piloting a real plane.
- Flight plan skills for piloting a plane.
- Use of a radio for communications while piloting a plane
- Understanding of vocabulary related to aviation.
- Basic aerodynamics
- Understanding Aircraft performance
- Aviation regulations
- Cross-country flight planning and basic navigation
- Basic meteorology
- Aero medical factors
- Aeronautical decision-making using mathematics and pilot instruments.

**Drama\* -** Drama is a high school fine arts course open to middle school students. Students will enhance their skills and confidence in presenting themselves before an audience. They will practice many varied activities through pantomime, speech, theatrical games, skits, set design, and performance. This course will teach students to present themselves appropriately before an audience, work as a group collaboratively, develop excellent listening skills and learn to analyze others' work and theirs as well. Each semester will conclude with a comprehensive theatrical performance. Drama currently runs on a hybrid schedule as an "8th period" class. Students must be able to commit to these after school times and the full schedule of extra rehearsals and tech

Prerequisite: each play may require an audition prior to class enrollment; 1 semester; 0.5 credit

**Exploratory Rotation –** This elective proves an opportunity for students to branch out and explore new topics, skills, and interests outside of the core curriculum. In this class,

as they explore new areas, students may find a new passion and skill set or build upon an existing interest as God begins to reveal His plan and purpose for their lives and giftings. Possible class offerings are: Construction (building with wood, paper, and/or Legos); Skills – first aid, CPR, knitting, cross-stitch, candy making; Topics – nutrition, foreign language, cinema, sports support (score keeping, running scoreboard & clock, etc.), design (home or landscape); Genius Hour. The topics and duration of each rotation will vary by semester based on the availability of specific subject/topic experts. The idea is a wide variety of experiences for 2-4 weeks each for the whole semester.

**Food Science** - In middle school Food Science, students will learn the basics of food safety and handling, proper kitchen procedures (including safe knife usage and sanitation), how and why recipes use certain ingredients, will experiment with several recipes chosen by the teacher as well as several recipes and projects chosen and led by students. This course includes obtaining a state food handler's license, lots of handson projects, quizzes, tests, occasional field trips, and making and consuming foods made in class. Students get to help choose recipes based on their prior knowledge of food preparation and what skills they would like to learn.

**Introduction to Media -** This is a project-based class focusing on audio and visual production. Students will be exposed to multiple creating and editing programs in presentations, audio and video as well basics of graphic design as it relates to projects. Students will work individually and in groups. Participation in events and productions outside of the school day may be required.

**Introduction to Media 2** - This is a more advanced project-based class focusing on audio and visual production. Students will refine their skills in creating and editing programs in presentations, audio and video as well basics of graphic design as it relates to projects. Projects will be more focused to specific skills and needs. Students may work individually and in groups. Participation in events and productions outside of the school day may be required.

Prerequisite: successful completion of Intro to Media and/or instructor permission

**Exploratory Spanish** – Exploratory Spanish is a middle school elective for 7<sup>th</sup> or 8<sup>th</sup> grade students looking to get an introduction to Spanish before taking the Spanish I for high school credit. In this course students will be introduced to a variety of vocabulary and engage in basic conversational Spanish. Students will also be introduced to Latino culture and history through music and stories.

**Marimba\* –** Marimba band is a fine arts elective offered to middle school and high school students. Students learn advanced marimba band music taught in the tradition of the Zimbabwean Shona marimba bands of West Africa. This is a performance-based course, with ensemble skills being at the heart of the learning process. This group performs through the Tri-Cities community. No previous music experience required. *Prerequisite: none; full year; 1.0 credit* 

**Robotics** – Students will learn the basics of Robotics in a step-by-step fashion through design challenges that will take imagination to solve, both in design and programming techniques. There is no defined end point where we will declare that we have learned all that we can, or that students will have created everything that can be made with the equipment supplied. We will take this course as far as we can in one semester, leaving time at the end for a final Challenge. MS Robotics uses a VEX IQ Robotic platform.

**Spanish I\* –** Spanish I is a high school course option for 8<sup>th</sup> grade students who meet prerequisite requirements (cumulative 85% or higher in 7<sup>th</sup> grade English, teacher recommendation, and parental approval) and based on space availability. Spanish I will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts. Students will read selected Spanish literature.

Prerequisites: cumulative 85% or higher in 7<sup>th</sup> grade English + teacher recommendation + parent approval; full year; 1.0 credit

Worship Ministry\* - Worship Ministry is a high school fine arts course open to qualified middle school students. Qualifications include personal testimony of faith in Christ, some musical experience (instrumental or vocal), sincere desire to learn and lead in worship, and willingness to stretch personal comfort zone. Students will gain practical worship ministry knowledge and skills that are most applicable in a local church setting. This class will also include spiritual and theological teachings of a worship lifestyle that should be lived daily. The Worship Ministry class is part of the chapel ministry team. Students must complete an application and interview with the Director prior to enrollment in the class. The Director will place students in roles best suiting individual strengths and for the needs of the whole group.

Prerequisite: application/interview with Director; 1 semester; 0.5 credit

<sup>\*</sup>These classes are high school classes; students will earn a grade and credit that will automatically carry onto their high school transcript.

# **High School Course Descriptions**

#### **Bible**

The high school Bible scope and sequence includes courses designed for 9<sup>th</sup>/10<sup>th</sup> and 11<sup>th</sup>/12<sup>th</sup> grade students. Courses may be taken in any order within the grade level groupings; a course may not be repeated.

Well-Being & Spiritual Habits - This course is designed to walk students through spiritual disciplines and mental health issues. This class is based on the principles of well-being and teaching the WHOLE student. Students will learn the importance of a variety of spiritual disciplines and the practice of these in their life. They will have the opportunity to learn and practice these both as a class and individually in their own lives. Students will also be introduced to different topics in regards to mental health. Students will be informed on brokenness and hurt in the world. They will be encouraged to learn how to love others who are struggling through these issues, while also receiving information on how to support those struggling. This class will provide resources and support to students who find themselves struggling with these issues as well. This class will operate under the truths that we are all created in the image of God with value and purpose (Genesis 1:26-27, Psalm 139), that there is brokenness in our world (John 16:33, 1 Peter 5:10), and that we are called to love God and others (Matthew 22:36-40) in and through that brokenness.

Prerequisite: 9<sup>th</sup>-10<sup>th</sup> grade; 1 semester; 0.5 credit

**Life of Christ -** Jesus Christ is the "cornerstone" of the Christian Faith (Ephesians 2:20). But who is Jesus Christ? In this class we will be looking beyond the "Sunday School" stories as we look at the life of Christ. As we read through the Gospels, we will closely look at what he did, what he said, where he walked, and how he served all through the lens of the Gospel message (Truth, Creation, The Fall, Redemption, and Purpose). This study will be paired with an in-depth study of Ephesians as we look at what it means to be "in Christ".

Prerequisite: 9<sup>th</sup>-10<sup>th</sup> grade; 1 semester; 0.5 credit

**Discovering Jesus in the Old Testament -** This course will focus on passages within the Old Testament that reveal Jesus Christ as the eternal answer to the broken fellowship between God and man caused by sin. Many of God's revelations about Jesus are found in the prophecies. This course will focus on the many prophecies Jesus fulfilled in his first coming and touch on prophecies that will be fulfilled with his second coming. This 12-chapter study is designed to help students learn from God's Word, apply what is learned, and rejoice in God's amazing plan.

Prerequisite: 9th-10th grade; 1 semester; 0.5 credit

Romans & Corinthians – The study and application of truths from Romans and Corinthians will be a priority in this course. Evaluating sin and its effects on the individual and the body of Christ will be examined from a Biblical perspective. Students will gain a deeper understanding of sin, its effects and God's plan of salvation leading to a close walk with God.

Prerequisite: 9<sup>th</sup>-10<sup>th</sup> grade; 1 semester; 0.5 credit

**Biblical Foundations** - This course is designed for students who have limited exposure and knowledge in studying the Bible or are being introduced to Christian Faith for the first time. It will cover foundational issues which are the basic truths of our faith including topics like, "What is the Bible?", "God's relationship with Mankind", "What does it mean to be a Christian?", and others. This course is an excellent primer for any student to either go over for the first time or as a refresher the foundations of what we believe as Christians.

Prerequisite: 9th-12th grade; 1 semester; 0.5 credit

**Acts & Epistles –**. This course covers the history of the early Church and some of Paul's writings in the epistles. Through studying the book of Acts, students will gain knowledge of historical context, culture, and geographical locations within the early church. Students will learn how to use Bible commentaries and historical maps as they navigate Scripture. Another main aspect of this course will be analyzing key theological themes about God and His great mission through the His Body, the Church. *Prerequisite:* 11<sup>th</sup>-12<sup>th</sup> grade; 1 semester; 0.5 credit

**Apologetics -** This course covers the Biblical basis and purpose for apologetics, and reasons to have confidence in the truth of the Scriptures and Christianity. This course will identify and critique common objections to Christianity. Additionally, students will develop the skills to communicate Christianity without compromise but in a respectful, culturally relevant, and persuasive manner that encourages the building of a relationship with the skeptic. Students will explore what it means to be a Christian in today's world while also understanding how to defend our faith with gentleness and respect, but without ever apologizing for being who God made them to be. This class will guide students in the command from 1 Peter 3:15, "But in your hearts revere Christ as Lord. Always be prepared to give an answer to everyone who asks you to give the reason for the hope that you have. But do this with gentleness and respect..."

Prerequisite: 11th-12th grade; 1 semester; 0.5 credit

**Hebrews & Prophecies –** This is a seminar-based course focused on an overview of the book of Hebrews, its focal points, prophecies about Jesus, and the book's application to our lives today. Main areas to be covered will include:

1) A Better Covenant 2) Faith Defined and Refined 3) Preeminence of Jesus 4) Jesus as Fulfillment of Prophecy 5) How Then Shall We Live?

Prerequisite: 11th-12th grade; 1 semester; 0.5 credit

**New Testament Survey –** In this course students study the New Testament as a library of 27 different books organized in a unique fashion. They will dive into different methods of Bible study, historical maps, and the historical and cultural context of scripture. Students will study the New Testament through the lens of it being the fulfillment of Old Testament prophecies and see how beautifully the books are woven together with wisdom and practical application for living out Christian faith. *Prerequisite:* 11th-12th grade; 1 semester; 0.5 credit

# Career Technical (Occupational) & Electives

The State of Washington requires 1.0 Career Technical credit for graduation. CTE credits may be earned through specific CTE courses or a designated CTE program such as Tri-Tech. College & Career Exploration is a required course for a Liberty diploma for the Class of 2026 and beyond.

**Aviation -** The Aviation course will allow students to develop skills related to the field of aviation, using Flight Simulation software with accompanying flight control hardware. Durning this course students will see how God revealed himself through imparting his wisdom on humanity through the process of flight and his Grand design for the world. Topics/skills covered in the class will include:

- map reading
- principles of air traffic control
- career paths in aviation
- exploration of aviation engineering
- accident case studies
- weather forecasting
- overview of unmanned aircraft systems
- the history of flight
- development of aviation skills to successfully pilot a plane in a simulation, with applications for piloting a real plane.
- Flight plan skills for piloting a plane.
- Use of a radio for communications while piloting a plane
- Understanding of vocabulary related to aviation.
- Basic aerodynamics
- Understanding Aircraft performance
- Aviation regulations
- Cross-country flight planning and basic navigation
- Basic meteorology
- Aero medical factors
- Aeronautical decision-making using mathematics and pilot instruments.

Prerequisite: none; 1 semester; 0.5 credit

**College & Career Exploration –** This class is a part of the business service leadership component at LCS. It is designed to equip students with transferable skills that positively impact their personal, professional, and spiritual lives. All the skills covered in this class require communication, critical thinking, creativity, and collaboration. Topics include identity, self-awareness, God-awareness; talents, gifts, and abilities; character development; healthy boundaries; professional communication; hard conversations; and stewardship.

Prerequisite: none; 1 semester; 0.5 credit

**Criminal Justice** - Criminal Justice equips students for leadership in the political arena and public service, providing a robust understanding of our laws and criminal justice system. Students will learn about all different levels of our government, courts, law enforcement agencies, and gain valuable firsthand experience and perspective to lead

the way as ambassadors of change through a Christian worldview. Course content includes the following: Criminal Law, Criminal Procedures, Investigations, Crime Scene Investigations/Forensics, Building Searches, Defensive Tactics, Firearms Safety, Traffic Stops, and Social Justice and issues of Policing in the Modern day.

Prerequisite: 10th-12th grade; full year; 1.0 credit

**Foundations in Success** - This class is designed to support each student's other core subjects. This class covers time management, personal learning styles, internal and external motivations, self-advocacy, study techniques, emotional intelligence, growth mindset, organizational strategies, and project management. Your efforts and attitude will secure your success in this class. In this class students will learn to: manage time successfully; clearly see personal strengths and weaknesses to better advocate for themselves; view challenges as opportunities to learn and gain understanding; put strategies in place to better remember tasks and responsibilities; initiate rather than procrastinate; plan and prioritize projects and tasks; exercise self-regulation and accountability.

Prerequisite: teacher or advisor recommendation; 1 semester; 0.5 credit (max. of 2 semesters allowed)

**Journalism –** In Journalism, students will learn the fundamentals of print and online newspaper production. Journalism students will also be given the opportunity to control, create, and produce the content for the school's new newspaper. In addition to learning journalistic writing, AP style, interview techniques, and other best practices, students will also learn the ethics, law, and history of journalism. The majority of the coursework for the class will include reporting, interviewing, writing, editing, teamwork, and publication management.

Prerequisite: none; 1 semester; 0.5 CTE or elective credit

**Leadership –** The Leadership Class at Liberty Christian School strives to identify, analyze, and develop Christlike characteristics that maximize strengths that implement and practice servant-leadership. Throughout the school year, students will strive to create connections among students and staff, being enthusiastic agents of initiative and change.

#### "We are allowed to lead others because we serve them"

Along with creating memorable activities for Liberty Christian School students and staff, this class serves as a training opportunity to become better equipped to serve families, peers, community, and future employers and colleagues. Enhancing communication, creativity, critical thinking, teamwork, decision making, organization, and interpersonal skills are primary outcomes of the course.

Prerequisite: 10<sup>th</sup>-12<sup>th</sup> grade; full year recommended; 0.5-1.0 credit

**Production Technology 1 –** This is a full-year, project-based class focusing on audio and visual production. Students will be exposed to audio and video recording and editing, as well basics of graphic design as it relates to projects. Live audio and video recording and mixing will also be incorporated into the course. Participation in events and productions outside of the school day may be required.

Prerequisite: none; full year; 1.0 credit

**Production Technology 2 –** This is a project-based class focusing on audio, visual, graphic and product production. The emphasis is on production from conception to final product. Students refine skills in audio and video recording and editing, as well as graphic design skills as they relate to projects. Students are expected to work with and mentor students in Production Technologies 1. Live audio and video recording and mixing will also be incorporated into the course. Participation in events and productions outside of the school day may be required.

Prerequisite: Production Technologies 1 or by teacher evaluation of demonstrated skill; full year; 1.0 credit

**Robotics** - In this course, students will learn how to build and Code the VEX V5 Robot in a step-by-step fashion. This robotic platform is a more challenging platform then the VEX IQ. Students will be given design challenges that will take imagination to solve, both in design and programming techniques. This course will focus on the Engineering principles and be driven by student creativity. There is no defined end point where we will declare that we have learned all that we can, or that students will have made everything that can be made with the equipment supplied. The course will culminate in a final robotics challenge.

Prerequisite: none; 1 semester; 0.5 credit

**Teacher's Assistant (TA) –** Students in grades 10-12 may elect to serve as a teacher's assistant for pass/fail credit. In this role, students will have opportunities to explore how faith impacts employment, leadership, and service while learning occupational specific skills and demonstrating employability and leadership skills. TA expectations include punctuality, dependability, thoroughness in completing tasks, ability to follow specific instructions, self-initiation, strong communication skills, and being a good role model for classroom students. Additional guidelines and instruction will be provided for students pursuing a TA assignment.

Prerequisite: none; 1 semester; 0.5 credit; see Academic Counselor for additional restrictions and requirements

# English

The State of Washington diploma requires 4.0 English credits. 1.0 credit per year is recommended; Running Start students may satisfy more than 1.0 credit in a year. English credits may also be taken as electives.

Concurrent credit (CC) classes are college-level courses taught by Liberty teachers who are also adjunct faculty at Northwest Nazarene University. College credit is optional and may be earned through NNU; college credit cost and registration information are provided within the course. CC classes are by teacher recommendation.

**Foundations in English Language Arts (ELA) -** This year-long course explores the foundational elements of literature, informational text, composition, grammar, English conventions of print, listening, and speaking using literacy-rich activities. At times, the content level of this course may reflect remedial grammar and vocabulary acquisition skills instruction in order for students to approach the standards. Students will read a

variety of novels, short stories, poems, and articles, focusing on literary analysis and writer's craft study. Writing will consist of four discourse studies: narrative, informational, argument, and multi-genre. The ultimate goal of this course is to empower all students to live literate lives.

Prerequisite: 9<sup>th</sup> grade or by teacher recommendation or placement testing; full year; 1.0 credit

Literature Essentials - The teaching of writing and oral communication through this course fosters an appreciation of language as a gift from God through the development of proper English grammar in both written and oral communication. Units promote the development of written expression with emphasis on using the writing process in various forms of compositions including studies of Scripture as literature. There is also a focus on oral expression with emphasis on effective speaking during group discussions, speeches, and answering questions in class. Writing strands incorporate understanding the different purposes of writing, the process of developing a piece of writing, use of English conventions of print, to write with clarity and researching to build knowledge for the purposes of informative/explanatory writing. Oral expression strands incorporate some of the Six Traits of Public Speaking, group communication, and respectful question/answer response. Reading will explore the terms and elements of English literature through novels *How to Disappear Completely and Never Be Found, Roll of Thunder Hear My Cry, Tortured for His Faith and* others including readings from the literature book.

Prerequisite: 9<sup>th</sup> or 10<sup>th</sup> grade; by teacher recommendation or placement testing; full year; 1.0 credit

Literature Fundamentals - The teaching of writing and oral communication through this course fosters an appreciation of language as a gift from God through the development of proper English grammar in both written and oral communication. Units promote the development of written expression with emphasis on using the writing process in various forms of compositions including studies of Scripture as literature. There is also a focus on oral expression with emphasis on effective speaking during group discussions, speeches, and answering questions in class. Writing strands incorporate understanding the different purposes of writing, the process of developing a piece of writing, use of English conventions of print to write with clarity and researching to build knowledge for the purposes of informative/explanatory writing. Oral expression strands incorporate some of the Six Traits of Public Speaking, group communication, and respectful question/answer response. Reading will explore the terms and elements of English literature through novels *The Hiding Place, Fahrenheit 451*, and others including readings from the literature book.

Prerequisite: 9<sup>th</sup> or 10<sup>th</sup> grade; by teacher recommendation or placement testing; full year; 1.0 credit

**World Literature -** Students will explore multiple genres and develop an understanding of character, plot, tone, mood and other literary devices in both prose and poetry with an emphasis on connecting truth with God's word including studies of Scripture as literature. This course is also designed to provide a thorough understanding and use of American Grammar including: the eight parts of speech, developing clear, concise sentence structures, and introduction into other composition devices including the correct use of conventions. Students will study and acquire an extensive vocabulary to

be demonstrated in his or her writing and speech. The composition includes intensive practice in the basic skills of writing culminating in a compare and contrast paper and an MLA literary analysis paper.

Prerequisite: 9th-10th grade or by teacher recommendation; full year; 1.0 credit

Literature Studies - It is important for Christians to read well and often. Proverbs 4:23 cautions us to do this reading carefully, "Above all else, guard your heart, for everything you do flows from it." Literature is powerful, changing the way we think about the world. This year-long course highlights both reading critically with a Biblical worldview and strategies for cultivating a lifetime reading habit. With self-selected texts, students will explore major genres, themes, author craft, characterization, and plot while gaining awareness of how literature reflects both the world and the author's worldview. Strategies of careful reading, discussion, and reflective writing will help students probe the relationship between literary form, content, author's purpose, and reader experience.

Prerequisite:11th-12th grade or by teacher recommendation; full year; 1.0 credit

CC American Literature (Short Fiction 1094) - The short fiction class introduces students to literary analysis at the University level through the short story. Students will examine plot, character, style, symbolism and sophisticated themes through reading, discussion, and essays. These literary devices are examined in the light of God's word for truth and spiritual content. Students will gain understanding through close reading, literary analysis, and critical essays. This course will be offered to students as a 3-credit course or for audit if desired. The American Literature course will reveal the uniqueness of American Literature, formed by a newly discovered and settled country, and the ways it has changed from its beginning. An emphasis on the relationship the early settlers developed with God is integral to the class. Students will read a variety of short stories, essays, poetry, and novels, practicing fundamental skills of analysis. They will also utilize grammar and vocabulary as they write and give oral presentations of that analysis.

Prerequisite: 10th-12th grade or by teacher recommendation; full year; 1.0 credit

**CC English Composition (1040 Composition) –** This course introduces students to the rigors of academic writing. Key elements include practicing the critical reading and summary of texts; finding and using evidence correctly; developing lines of inquiry; analyzing complex claims; and applying the rhetorical strategies that lead to successful academic writing. Students will also develop a metacognitive understanding of their reading, writing, and thinking processes. There will be the use of the internet and library research skills to enhance the students' understanding and analysis of texts. This class is designed to meet university college level expectations and may be taken for three university credits or for audit if preferred.

Prerequisite:10<sup>th</sup>-12<sup>th</sup> grade or by teacher recommendation; full year; 1.0 credit

**Creative Writing -** Creativity is intimately woven into God's character. Humans are creative because they are made in the image of the creative God. In this semester-long, project-based course, students will explore their creativity as they learn fiction writing techniques to capture stories that arise from their lives and imaginations. Students will explore the basic components of story writing: point of view, voice, tone, description, characterization, dialogue, and plotting. They will explore writing through a variety of exercises to experience different aspects of fiction writing in preparation for the

culminating National Novel Writing Month project. Class time will be spent writing, discussing the author's craft, and dialoguing about and celebrating each other's work. A writing community will be built where every student's God-given creativity and vision are supported and celebrated.

Prerequisite:11th-12th grade or by teacher recommendation; 1 semester; 0.5 credit

Art of Effective Communication - God designed humans to thrive in community with others. Being able to communicate well is an important part of all relationships. In this semester-long course, students will learn the principles of effective communication. Through formal and informal speaking activities, students will develop both the skills of articulating their thoughts, ideas and feelings and processing the thoughts, ideas, and feelings of others. The art of listening; reading body language and gestures; whole messaging; conversational strategies; responding to feedback; expressing clarity of thought; respectful conflict resolution; interviewing; confidence in oral self-expression; planning, preparing, and delivering TED talks; and storytelling will be explored. Class time will be spent listening, note making, dialoguing, exploring, practicing, reflecting, writing, and presenting.

Prerequisite:11<sup>th</sup>-12<sup>th</sup> grade or by teacher recommendation; 1 semester; 0.5 credit

# **Fine Art & Electives**

The State of Washington requires 2.0 fine art credits for graduation. Fine arts include visual and performance-based courses.

**Drama -** Students will enhance their skills and confidence in presenting themselves before an audience. They will practice many varied activities through pantomime, speech, theatrical games, skits, set design, and performance. This course will teach students to present themselves appropriately before an audience, work as a group collaboratively, develop excellent listening skills and learn to analyze others' work and theirs as well. Each semester will conclude with a comprehensive theatrical performance.

Prerequisite: by audition and casting; 1 semester; 0.5 fine art or elective credit

**Graphic Design –** Graphic design is everywhere, from packaging on millions of products, to Facebook and social media memes, e-newsletters, flyers, postcards, logos, websites, product labels, billboards, etc. We live in a world where people want to see images more than they want to read an article. If the meaning of the article can be conveyed in a Facebook meme, then that's what is shared in social media. A really good design will draw you into purchasing that nifty gadget, sharing a post on Facebook, reading an article, or eating at a particular restaurant. In essence, you are taking text elements of design and putting them together in one format to create a message, invoke a feeling, promote a product, or induce a reaction (like a call to action). This course is going to focus on the basics of Graphic Design. In particular, we're going to discuss: the legality of graphic design (things to be aware of), the basics (importance of fonts, colors, white space, logos, and more), the message (what idea you are conveying in the design), the design and its audience (setting up the design so that it flows the way it should), and the outcome (what you can do as a graphic designer). *Prerequisite: none; 1 semester; 0.5 CTE, fine art, or elective credit* 

**History of American Cinema -** Storytelling has been the most common way of communicating with one another throughout the centuries. Stories told through film impact our perceptions of the world around us and that of the past. Film may be one of the most influential tools in our culture for shaping values and conveying information. By viewing, studying, discussing and writing about film, students in this class will develop and demonstrate skills in technological, cultural and media literacy, as well as critical thinking and problem solving. Through all of these opportunities of engaging with film, students will gain a fuller awareness and appreciation for our American cinema and its history.

Prerequisite: none; 1 semester; 0.5 fine art or elective credit

Introduction to Fine Art – This course is a basic introduction to art: terminologies, drawing, color, pen and ink, charcoal, watercolors, and acrylic paints and pens, and other mediums will be explored. Students will learn to express terminologies using several different mediums. They will use the mediums listed and many more depending on THEIR interests to demonstrate still life, landscapes, portraits, abstracts, and cartooning. The class is heavily based on weekly sketchbooks that will be topic-driven and specific to style and additional terminologies. Second semester art classes will continue on into more project based assignments such as Paper mache, posters, social injustice Mixed media, airbrushing, sculpture hydro dipping and even Murals. The class is open ended leaving room for students to add projects and mediums that THEY would like to try.

Prerequisite: none; 1 semester; 0.5 fine art or elective credit

**Marimba** – Marimba band is a fine arts elective offered to middle school and high school students. Students learn advanced marimba band music taught in the tradition of the Zimbabwean Shona marimba bands of West Africa. This is a performance-based course, with ensemble skills being at the heart of the learning process. This group performs through the Tri-Cities community. No previous music experience required. *Prerequisite: none; full year; 1.0 fine art or elective credit* 

Digital Photography - is a semester long course that focuses on understanding the basic operations and functions of a digital single lens reflex (DSLR) camera as well as individual phone cameras and the manipulation of its settings to achieve a specific result. Students will learn about photographic elements of art and principles of design, composition, and lighting as well as intro assignments on Photoshop and photo manipulation. Students will write and speak about aesthetic and expressive qualities in a photograph, learning to critique their own and others work. Students learn image techniques and digital manipulation using Adobe Photoshop Elements and posting to Weebly Blogpost, teaching them how to archive, organize and optimize their photographs for print or web purposes. Students will learn how to manage and creatively alter digital images as well as critically analyze the use of visual media as a means of communication in our society today. With each project, there is an opportunity to display and present their completed task to the rest of the class. *Prerequisite: none; 1 semester; 0.5 fine art, CTE, or elective credit* 

**Worship Ministry\* -** Worship Ministry is a high school fine arts course open to qualified middle school students. Qualifications include personal testimony of faith in Christ, some musical experience (instrumental or vocal), sincere desire to learn and lead in worship, and willingness to stretch personal comfort zone. Students will gain practical

worship ministry knowledge and skills that are most applicable in a local church setting. This class will also include spiritual and theological teachings of a worship lifestyle that should be lived daily. The Worship Ministry class is part of the chapel ministry team. Students must complete an application and interview with the Director prior to enrollment in the class. The Director will place students in roles best suiting individual strengths and for the needs of the whole group.

Prerequisite: application/interview with Director; 1 semester; 0.5 credit

**Yearbook** - Students design the yearbook portraying the history of our school and what the year had in store for the students and their individual classes. Students explore a variety of methods of keeping records, taking photographs, setting up a yearbook page, cropping photographs, placing digital photographs, writing captions, and preparing pages for submission to the publisher. Students will also write short journalistic articles for pages which require it. This course can be utilized as a Fine Arts OR a Career/Technical Education credit.

Prerequisite: some photography experience preferred; full year; 1.0 fine art or CTE credit

# Health/Fitness

The State of Washington requires 2.0 credits of Health/Fitness of which 0.5 credit is Health and 1.5 credits are fitness. At Liberty, 0.5 fitness credit must be from a letter grade-bearing class (HS PE, Weights, or Strength & Speed); the other 1.0 fitness credit may be from HS sports seasons (0.5 credit per season) or PAX (these are pass/fail credits). Up to 1.0 credit may be used for high school sports; additional credits earned through sprots are reflected on the transcript but do not count toward other required credit categories.

**Health –** This course will explore physical, social, and mental health. This class will dive into topics on nutrition, emotional health, the human body systems, and exercise. Students will participate in discussion about, research of, and exploration of topics as it relates to them, the people around them, and the world they live in. These aspects of health will be explored on the basis that all people are stewards of the gifts God has given. God has designed the human body to function with extreme detail and order. Students will work to understand how and when their bodies are functioning in a Godglorifying and exceptional way.

Prerequisite: none; 1 semester; 0.5 credit

**PAX –** Patriot Athletic X-Training (PAX) is a summer program designed to help students develop power, strength, speed, teamwork, confidence, and personal growth. Workouts are led by Liberty Christian Varsity athletic coaches who are passionate about students' athletic and character development. PAX is available to students in 7<sup>th</sup>-12<sup>th</sup> grades. Students may use PAX to earn P/F credit toward HS fitness requirements; those who wish to earn credit, must set up an IS PE (Independent Study) course request and obtain the necessary documentation forms before the end of the first week of PAX. For IS PE credit: 75 fitness hours = 0.5 credit; 150 fitness hours = 1.0 credit. Every hour at PAX counts double toward these fitness hour totals.

Prerequisite: PAX registration; set up IS PE if earning credit; 0.5-1.0 credit, depending upon total hours

HS PE - Physical Education is taught at Liberty Christian School as an essential component in a 'whole person' curriculum. It is our intent that each student be well-rounded and continue to increase in 'wisdom and stature, and in favor with God and men (Luke 2:52) as modeled by our Savior Jesus Christ. Scripture indicates that there is value in bodily exercise (1 Timothy 4:8) and that our bodies are the temple of the Holy Spirit which lives in us (1 Corinthians 6:19-20). Therefore, we are to honor God with our bodies, serving Him as intended by our creation. Through this course students will: support LCS's core values; demonstrate motor skills and movement patterns in a variety of physical activities; present knowledge of movement concepts, principles, and strategies; assess and maintain physical fitness levels to improve health and performance; apply learned concepts to everyday life.

Prerequisite: none; 1 semester; 0.5 PE credit

Strength & Speed –This class is designed to help high school students improve their overall physical fitness. Strength & Speed focuses on developing strength, power, and speed through a variety of exercises and activities. The class is structured to provide students with a comprehensive workout that includes weightlifting, plyometrics, and sprinting drills. Students will learn proper technique for exercises such as squats, deadlifts, and bench press, and will have the opportunity to work on power and explosiveness through jump training and sprinting. In addition to physical training, this class also emphasizes the importance of nutrition, hydration, and recovery. Students will learn about healthy eating habits and the role nutrition plays in supporting their athletic goals. By participating in this class, students will see improvements in their overall physical performance and will develop the skills and knowledge necessary to maintain a healthy, active lifestyle. Whether you are a seasoned athlete or just looking to get in shape, Strength & Speed will help anyone looking to take their physical fitness to the next level. This class is only offered zero hour (6:45-7:50 a.m., 4 days per week; dates TBD each year)

Prerequisite: 8th-12th grade; 1 semester; 0.5 credit

**Weights** - This course takes a holistic fitness perspective and allows students to create and follow a personalized workout plan. This approach considers many fitness factors, including cardiovascular fitness, muscular strength and endurance, flexibility, mental health, nutrition, and more. This class reveals how God created the body to move and operate while teaching us how to better care for God's perfect design.

Prerequisite: none; 1 semester; 0.5 PE credit

#### **Humanities**

**Comparative Worldviews -** This course will discuss the seven major worldviews of the world and how they influence society. It will compare their Theology, Philosophy, Ethics, Biology, and Sociology. Students will learn how to identify different ideas within these worldviews. Students will compare the Christian worldview to other major worldviews. This course will allow students to better understand the society, ideals, and beliefs that

are ingrained into the world and decision making around them. Students will work toward becoming informed Christians in a society that is full of lies. Students will work to recognize and combat these worldviews in gracious and loving ways. This class may be applied as a social studies elective or general elective credit.

Prerequisite: none; 1 semester; 0.5 credit

Intro to Psychology - This course provides a comprehensive overview of basic psychology concepts. Students taking Introduction to Psychology analyze the history, science, and biology of psychology. Topics will include the science of psychology; sensation and perception; learning, memory, and intelligence; motivation and emotion; developmental psychology, and personality and social psychology. As students walk through this class, they will evaluate these concepts through discernment and a Christian worldview. We recognize that Biblical truths are authoritative in ways that psychological concepts can never be. We believe Scripture provides a conceptually comprehensive analysis of the human condition, complete with important concepts about personhood, problems of living, and mechanisms of change. The Bible does claim to be sufficient for dealing with problems of the soul (psyche, in Greek). Second Peter 1:3 states that through His power, God "has granted to us everything pertaining to life and godliness, through the true knowledge" of Christ. He goes on to specify that this gift consists of God's "precious and magnificent promises," which, of course, are contained in His Word. Furthermore, 2 Timothy 3:16-17 states, "All Scripture is inspired by God and profitable for teaching, for reproof, for correction, for training in righteousness; that the man of God may be adequate, equipped for every good work." These claims are comprehensive—that God's Word is sufficient for life and godliness, for equipping us for every good work. Surely, "everything pertaining to life and godliness" includes our emotional or psychological well-being. In light of these truths, psychology as an academic discipline generates useful data and explanations about human behavior that we can analyze and evaluate.

Prerequisite: none; 1 semester; 0.5 credit

#### Math

The state of Washington requires a minimum of 3.0 math credits in high school. Of these, 1.0 credit must be an algebra-based course, 1.0 credit Geometry, and 1.0 credit of math elective. More importantly, 4 years of math (or a 4<sup>th</sup> year of math-based science) are required for college admission in Washington colleges and many other universities as well. Liberty advises all students to take 4 years of math.

Math is a sequentially developed skill. The Integrated Math series is complementary to the traditional algebraic sequence; Integrated Math courses combined both algebra and geometry concepts over a multi-year progression to cover standards. Students may plan their course entirely through one series or combine the two series to achieve the best personal learning progression and mastery of standards. Class placement will be by assessment, teacher recommendation, and counselor advising.

Integrated Math 1 satisfies the requirement for Algebra 1.
Integrated Math 2 satisfied the requirement for Geometry.
Integrated Math 3 covers many of the same concepts as Algebra 2.

Traditional algebraic course sequence (from entry to highest level high school math):

Algebra 1 > Geometry > Algebra 2 > Pre-Calculus > AP Calculus

Each student's math sequence may look different as determined by academic and career goals or personal pathways. Here are just a few examples:

- Ex.1 Algebra 1 > Geometry > Algebra 2 > Pre-Calculus > AP Calculus (assuming Alg.1 in 8<sup>th</sup> grade)
- Ex.2 Integrated Math 1 > Geometry > Integrated Math 3 > Financial Algebra
- Ex. 3 Integrated Math 1 > Integrated Math 2 > Financial Algebra > Algebra 2

Several other progressions are possible. The goal is for each student to achieve the highest level of math possible for his capability and preparation for post-high school goals.

**Algebra 1 –** Symbolic reasoning is the primary emphasis in this first-year algebra course. Key content involves writing, solving, and graphing linear and quadratic equations, including systems of two linear equations in two unknowns. Quadratic equations are solved by factoring, completing the square, either graphically or by application of the quadratic formula. The course also includes study of monomial and polynomial expressions, inequalities, exponents, functions, rational expressions, ratio, and proportion. Students will apply algebraic skills in a wide variety of problem-solving situations.

Prerequisite: Pre-Algebra or by placement test; full year; 1.0 credit

**Algebra 2 –** This one year course is designed to expand on concepts learned in Algebra I and Geometry. We will cover concepts such as systems of equations, matrices, advanced polynomials, imaginary and complex numbers, quadratics, and trigonometric functions. Applications to other subjects such as physics, chemistry, as well as real-world problems are covered, including gas laws, force vector, chemical mixture, and percent markups. Set theory, probability and statistics and other topics are also included. The content of this course is important for students' success on both the ACT and SAT.

Prerequisite: Algebra 1 or Integrated Math 2; full year; 1.0 credit

**AP Calculus -** This class is designed for prospective mathematics majors and students interested in engineering, computer science, physics, business, or the life sciences. Following a condensed, intensive review of the algebra, trigonometry, and analytic geometry necessary for success in calculus, the lessons cover topics in the syllabus for the College Board's Advanced Placement (AP) program for calculus. A student's AP test scores may qualify him/her for college credit; each university determines the AP score requirement for credit. Check with your intended university for required scores. *Prerequisite: Pre-Calculus; full year; 1.0 credit* 

**Financial Algebra –** In this class, students will practice algebra and geometric mathematics using financial business applications. Specific areas that will be covered include the decision making process, financial aspects of career planning, financial management, income analysis, budgeting techniques, savings and investment strategies in order to meet short and long term goals, evaluation of services offered by financial institutions, managing credit cards and debt, risk analysis, fraud and financial loss.

Students will learn work readiness skills to prepare them for career and college. This class meets the third year math requirement for students choosing to complete a career and technical education math.

Prerequisite: Algebra I and Geometry or Integrated Math 2; full year; 1.0 credit

**Geometry** - This course emphasizes the study of the properties and applications of common geometric figures in two and three dimensions. It includes the study of transformations and right triangle trigonometry. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. It also emphasizes writing proofs to solve (prove) properties of geometric figures. All geometric concepts and formulas point to God as Almighty Creator of the universe.

Prerequisite: Algebra I or Integrated Math 1; full year; 1.0 credit

**Integrated Math 1** - Integrated Math 1 is the first of a three-course series that builds and strengthens students' conceptual knowledge of functions, linear functions, equation, inequalities, sequences, basic exponential functions, systems of linear equations, systems of linear inequalities, one variable descriptive statistics, correlation and residuals, analyzing categorical data, mathematical modeling, and both coordinate and transformational geometries. Mathematics as an academic discipline is a revelation of God to mankind. He has revealed Himself to be infinite (Revelation 1:8), unchanging (Malachi 3:6), consistent (James 1:17), and has established order in the creation (Isaiah 28:10). In knowing these aspects of God, students can see it reflected in math through creation and man. In discovering the mathematical basis of our world students should gain a new appreciation for truth and the order that is divinely communicated to us. *Prerequisite: Pre-Algebra or by placement test or teacher recommendation; full year;* 1.0 credit

**Integrated Math 2 –** Integrated Math 2 is the second of a three-course series that builds and strengthens students' conceptual knowledge of functions, adding and subtracting polynomials, quadratic functions, and geometry concepts. For quadratic functions, solving quadratics by various methods as well as graphing and transformations of graphs of quadratics is emphasized. In the area of geometry, similar figures, similar triangles and proportionality, as well as trigonometry will be introduced. Inductive and deductive thinking skills are used in problem solving situations, and applications to the real world are stressed. While using formulas and discovering patterns, students will see the mathematical basis on which our world was created and gain a new appreciation for the One who created it.

Prerequisite: Integrated Math 1 or Algebra 1; full year; 1.0 credit

**Integrated Math 3 –** Integrated Math 3 is the third of a three-course series that builds and strengthens students' conceptual knowledge from previous courses, including standard from numbers and quantity, algebra functions, geometry, statistics and probability. Students will expand on previous foundations of polynomial functions and will learn to multiply and divide polynomials, graph and solve rational expressions and functions. In geometry, students will explore concepts of two-dimensional and three-dimensional shapes while calculating surface area and volume.

Prerequisite: Integrated Math 2 or Geometry; full year; 1.0 credit

**Pre-Calculus -** This course is designed to provide a comprehensive study of functions, which are the basis of calculus and other high mathematics courses. Topics such as functions, families of graphs, logarithms, trigonometric functions and identities, systems of equations and inequalities, conic sections, limits, and basic derivate are studied. This class takes in everything that the students have already learned previously in their math classes and builds the foundation needed for understanding and application of Calculus. *Prerequisite: Algebra 2 or Integrated Math 3; full year; 1.0 credit* 

# Science

The State of Washington diploma requires 3.0 science credits of which 2.0 credits must be lab sciences; all of Liberty's science classes are lab sciences.

Liberty recommends 4 years of math or math-based science for those seeking admission to a 4-year university; this is a CADR requirement in Washington. BCCP, Introduction to Chemistry, Advanced Chemistry, and Physics are math-based sciences.

Concurrent credit (CC) classes are college-level courses taught by Liberty teachers who are also adjunct faculty at Northwest Nazarene University. College credit is optional and may be earned through NNU; college credit cost and registration information are provided within the course. CC classes are by teacher recommendation.

Basic Concepts of Chemistry & Physics (BCCP) – this course introduces basic principles of chemistry and physics. Topics include metric units & measurements, properties & classification of matter, nuclear chemistry, atoms, the periodic table, chemical bonding, chemical formulas & equations, reaction types, solution chemistry, energy & momentum, mechanics (motion), work, heat, electricity, magnetism, sound waves, and properties of light. This course prepares students for entry into Biology and CC Introductory Chemistry.

Prerequisite: concurrent Algebra 1 or Integrated Math 1 placement; full year; 1.0 credit

**Biology** - This course surveys the major areas of science as it applies to living things, with emphasis on concepts that are significant to all Christians. Major topics covered in this class include: the scientific method, the chemistry of living things, cytology, genetics and heredity, biotechnology and the history of life, and the organization of living things. When looking at Creation, it is impossible to not recognize the evidence of a Creator. Throughout this coursework we will explore and examine the natural and physical science as evidence of God's creative work. Romans 1:20 says, "For since the creation of the world His invisible attributes, His eternal power and divine nature, have been clearly seen, being understood through what has been made so that they are without excuse." As we explore Creation, starting from chemistry and cells, and moving into whole organisms, students will recognize the intricacies of creation and the planning necessary for each of these to work properly. As students are presented the evidence of Creation, the desire is that they will pursue an intimate relationship with the Designer Himself.

Prerequisites: none; full year; 1.0 credit

#### **Environmental Science/Marine Science**

**Environmental Science**— this semester of the course will provide a foundation in the ecological principles behind studying the environment and solving environmental problems. Topics of study include matter and energy cycles in the biosphere, ecosystem structure and change, climate change, population growth, natural resources (air, water, and land use and management), renewable and nonrenewable energy sources, and managing human impact on the environment. In Genesis, God gave humans stewardship over his creation to take care of it. A better understanding of how ecosystems on Earth interact and what resources are available to us enables us to better fulfill the role of stewards of the environment—both in protecting the beauty of God's creation for its own sake and in ensuring that environmental resources continue for future generations to use and enjoy.

Marine Science— this semester of the course will provide a foundation in oceanography and marine biology. The science of understanding Earth's oceans integrates basic scientific concepts and principles of geography, geology, chemistry. physics and biology. Lesson topics include ocean exploration, plate tectonics, properties of seawater, ocean currents and tides, marine ecology, organisms, habitats and environmental issues. The more we learn about the fascinating processes and mechanisms that are part of being alive, the more we learn about God's creative work. Studying marine processes and all of creation allows us to learn more about God's faithfulness in setting all these intricacies in motion and sustaining all life. Psalm 19: 1-2 "The heavens declare the glory of God; the skies proclaim the work of his hands. Day after day they pour forth speech: night after night they reveal knowledge." In Genesis. God gave humans stewardship over his creation to take care of it. A better understanding of how ecosystems on Earth interact and what resources are available to us enables us to better fulfill the role of stewards of the environment—both in protecting the beauty of God's creation for its own sake and in ensuring that environmental resources continue for future generations to use and enjoy. Prerequisites: none; full year recommended

Prerequisites: none; full year recommended; 0.5 credit per semester

**CC Intro to Chemistry (CM1200/1200L)** – A grounding in major principles of general chemistry including atoms, nomenclature, molecular structure, bonding, and stoichiometry. This course will prepare a student for entry into additional college Chemistry courses. 4 semester hours of college credit are available for this course through Northwest Nazarene University. This is a concurrent credit college course through Northwest Nazarene University.

Prerequisite: co-current enrollment in Algebra 2, Integrated Math 3, or higher math; full year; 1.0 cumulative credit

CC Anatomy and Physiology (BIOL1060/1060L – Human Biology & Lab) – Selected topics related to the human body, genetics, and ethics with particular emphasis on the integration of form and function will aid the student in gleaning a better understanding of their sovereign Designer. The study of Anatomy and Physiology presents an opportunity to see the handiwork of God through His careful assigning of a specific form and function to everything in creation with a specified purpose- to bring glory to God (Psalm 139:14). We will explore the impact that the field has on our lives today and together we will better appreciate the Lord's gracious gift of life. This is a concurrent credit college course through Northwest Nazarene University for 4 college credits.

Prerequisite: Biology: full-year: 1.0 HS credit

CC Advanced Chemistry (CM2210/2210L and CM2220/2220L) - This is a 2 semester course set at a college pace covering the general chemistry series required by many university science majors. This course also covers the topics addressed by AP Chemistry. An in-depth survey of the principles underlying chemistry including atomic structure, period table and laws, molecular geometry, bonding, chemical reactions, stoichiometry, states of matter, solutions, acids/bases, solubility, thermodynamics, kinetics, equilibrium, and electrochemistry. Emphasis is placed on a quantitative understanding of chemical phenomena. This course includes 12 2-hour laboratory sessions per semester. 8 semester hours of college credit (4 per semester) are available for this course through Northwest Nazarene University.

Prerequisite: previous chemistry course and Pre-Calculus (latter may be concurrent); full year; 1.0 credit per semester

**Physics -** Year-long science elective course designed to study the physical laws of universe including: Newtonian mechanics, fluid mechanics, thermodynamics, electricity, waves and optics, vectors and scalars. Problem solving and experimentation will supplement the curriculum through labs and real world application problems. This course will prepare a student for entry into college-level Physics.

Prerequisites: Introductory Chemistry and Pre-Calculus (can be concurrent); full year; 1.0 credit

# **Social Studies**

The State of Washington diploma requires 3.0 social studies credits of which 0.5 credit is World Geography, 1.0 credit is U.S. History\*, and 0.5 credit is Civics/government\*. The remaining 1.0 credit may be earned through elective social studies courses; at Liberty, these elective courses are World History and World Problems. Other social studies electives are available through online courses.

\*U.S. History and Civics must be taken at Liberty or through an approved, accredited, Biblically-based program with administrative approval.

**World Geography -** This course examines the geographic make-up of our planet, the earth's active processes, and how the earth's physical features influence human behavior. Students will study how different societies gain and use resources and how access to valuable resources can lead to conflict and tension. This course will include an introduction to geography, physical geography, human geography, and explore how these topics play out in specific regions in our world. This course meets a specific social studies graduation requirement.

Prerequisite: none; 1 semester; 0.5 credit

**World History -** World History is designed to encourage rigorous thought and discussion about how our world has been shaped socially, politically, economically, environmentally, and spiritually from European Imperialism beginning in the 1830s' to the present, highlighting major events and people who have caused significant change around the world.

Prerequisite: none; 1 semester; 0.5 credit

**U.S. History** - This course provides students with an understanding of United States history from the initial European colonization to contemporary America. Particular attention is given to the Christian heritage and influence in the United States and the effects on American culture and society. Naturally, not every significant event, person, or trend can be covered, but the class will attempt to balance the breadth of the U.S. History with a depth on the most significant building blocks that lead to our modern country. Additionally, we will take special time to highlight people, events, and topics that are often missed in history classes to provide students with different perspectives and try to instill a love of history. A Biblical perspective on rights, liberty, patriotism, and responsibility is emphasized. The course aims to teach students to think critically about both the success and failures in American history and synthesize lessons from those experiences. Additionally, the course will be used as a tool to develop practical life skills including reading comprehension, writing skills, conducting research, and presenting ideas to peers. This course meets a specific social studies graduation requirement. *Prerequisite: none; full year; 1.0 credit* 

**Civics (Government) -** The course is designed to acquaint students with the origins, concepts, organization, and policies of the United States government at the local, state, and federal levels. Students will study the foundations of the American government, its institutions, systems, and processes. Emphasis will be placed on understanding the Constitution, its three branches, and their relationship to one another. The focus will be on identifying Christian perspectives on political ideologies and appropriate applications. This course meets a specific social studies graduation requirement.

Prerequisite: 11th or 12th grade; 1 semester; 0.5 credit

Introduction to Economic Principles - Introduction to Economic Principles is a one semester course that aims to teach students basic economic principles and demonstrate practical applications of those principles in various aspects of life. Students will learn how to identify factors that drive economic decisions, analyze economic choices, understand the differences between Microeconomics and Macroeconomics, and identify various economic systems. Students will analyze the relation between supply and demand and see how economic principles apply outside of the world of finance and traditional business. The course will also examine economic systems and principles discussed and demonstrated in the Bible and how these lessons apply to our modern world. By the end of the course, students will be able to apply a Biblical worldview to economic principles and decision-making in their daily lives. Prerequisite: 11th or 12th grade; 1 semester; 0.5 credit. May be taken in addition to or in place of World Problems.

World Problems (Contemporary Issues) - World Problems & Contemporary Issues is a one-semester course designed to examine the world around us - locally, nationally, and internationally. The course intends for the student to consider the spiritual, moral, social, political, and intellectual impact of current contemporary issues from a Biblical point of view. We will use various resources including the Bible, various print and video news media, and other appropriate and informational sources. Students will develop an awareness of and interest in current world events and issues with their implications in our society and lives; increase the awareness and ability to identify Christian and non-Christian principles/philosophies and ideologies and their influences; develop an increased ability to evaluate and discuss contrasting points of view objectively; increase

knowledge of various government ideologies, procedures, and results; and learn informational facts about people, places, situations, and processes.

Prerequisite: 11th or 12th grade: Civics: 1 semester: 0.5 credit

# World Language

The State of Washington requires a 2.0 credits of world language for graduation. Some universities also require a 3<sup>rd</sup> year of world language.

**Spanish 1** - Spanish 1 will provide the student with a general introduction to the Spanish language: sound system, pronunciation, functional vocabulary related to everyday life, cultural information, and basic grammatical structures. Emphasis will be on the acquisition of four skills: listening, speaking, reading and limited writing. There are two main objectives to the course. Foremost is to give the students the ability to carry on a simple conversation. The second is to provide the students with instruction that teaches a basic understanding of Spanish culture, vocabulary, and grammatical concepts. Students will read selected Spanish literature.

HS prerequisite: none; full year; 1.0 credit

**Spanish 2 –** Spanish 2 builds upon knowledge gained in Spanish 1. This course will also reinforce the skills learned in Spanish I: listening, speaking, reading and writing. Emphasis is on perfecting pronunciation, mastery of the basic grammatical structures, and increased communicative proficiency. Acquisition of functional vocabulary is expected. Students will be exposed to the past tenses, future, conditional and imperative mood. Students will be expected to apply them in their writing and speaking. *Prerequisite: Spanish 1; full year; 1.0 credit* 

**CC Spanish 3 (SPAN1015 & SPAN1025) -** This course builds upon knowledge gained in Spanish 1 & 2. The course is a continuation and recycling of knowledge acquired in Spanish 1 and Spanish 2, as well as an introduction to new vocabulary, structures, and expressions. Students will be expected to expand their vocabulary range to include more sophisticated terms, use advanced language expressions, verb tenses and grammatical concepts such as the present and pluperfect tenses and the subjunctive mood. Students will read selected Spanish literature.

Prerequisite: Successful completion of Spanish 1 & 2, or instructor approval upon completion of placement test; full year; 2.0 credits. This course is a concurrent credit course through NNU. Each semester is 4.0 college credit hours/1.0 HS credit.

**CC Spanish 4 (SPAN2015 & SPAN2025) -** This course builds upon knowledge gained in Spanish 1-3. Students will be able to comprehend authentic spoken and written Spanish and speak and write using advanced language and expression. There is an emphasis on integrating advanced grammar into daily communication. Students will develop a deeper understanding of Latino culture and history. Students will read selected Spanish literature.

Prerequisite: Successful completion of Spanish 1-3, or instructor approval upon completion of placement test; full year; 2.0 credits. This course is a concurrent credit course through NNU. Each semester is 4.0 credit hours/1.0 HS credit.

Global Seal of Biliteracy – Students completing all 4 years of Spanish have opportunity to earn the Global Seal of Biliteracy. This certification celebrates language skills and celebrates future opportunities for its recipients. A uniform standard is used to empower awardees to be an asset in multilingual environments. The Global Seal of Biliteracy enables recipients to showcase their language skills to any school or employer across state lines and national borders. After Spanish 4, students are encouraged to take the test to prove functional fluency. They will have the opportunity as they continue their language learning journey to apply for higher levels of working and professional fluency as well.