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1991

# **ELLENSBURG CHRISTIAN**

**HIGH SCHOOL  
COURSE CATALOG**

## TABLE OF CONTENTS

### **GUIDANCE INFORMATION**

Registration Information	3
High School Graduation Requirements	4
High School Credit Waivers	9
Dual Credit Options	14
* Running Start	
* YV Tech	
Post High School Options	15
Standardized Testing	16
Financial Aid for Education after High School	17
*Local Scholarships	
*ROTC/Military Scholarships	
Online and Homeschool Course Options	18

### **COURSES DESCRIPTIONS**

ART	19
BIBLE & RELIGIOUS STUDIES	20
ENGLISH & LANGUAGE ARTS	21
HEALTH & FITNESS	22
HISTORY & SOCIAL STUDIES	23
MATHEMATICS	24
SCIENCE	25
WORLD LANGUAGE	26
OTHER COURSES	27
CURRICULUM	28

## REGISTRATION INFORMATION

*All courses and programs are dependent on student enrollment numbers*

### **Procedure for Course Requests**

1. Look at pages 2-6 for information about graduation requirements, including credit requirements and the High School & Beyond Plan requirements.
2. Read the course descriptions to get an idea of what *may* be offered. That will help you plan for this coming year, as well as future years.
3. Be sure graduation and college entrance requirements are being met. This is your responsibility.
4. Use the Course Selection form, provided by your school counselor, to make course choices.
5. Review course choices with your parents/guardians before returning to the school counselor.
6. Your class schedule will be determined by your course requests. If a course becomes full due to enrollment, you will be placed into one of your alternative requests.
7. Your final schedule will be emailed to both students and parents. Hard copies are available upon request.
8. All schedule changes must be requested and approved within the first 5 days of each semester.

**NO OPEN-PERIOD POLICY All students will be required to take at least seven (7) classes each semester. This means there will be no open periods for students. Exceptions to this policy include – online courses, Running Start courses, Home School, Independent Study courses and other administration approved courses. Students that have already met ALL graduation requirements may request an exception.**

## GRADUATION CREDIT REQUIREMENTS

SUBJECT	CREDITS NEEDED
Bible (must be enrolled every year at ECS)	4
English	4
Mathematics	3
Science (2 courses must include labs)	3
Social Studies	3
Health & Fitness (.5 Health must be taken and cannot be waived, 1 credit Fitness can be waived by two seasons of sports)	2
World Language (must be same language)	2
Arts	2
Career & Technical Education	1
Elective	2
<b>TOTAL</b>	<b>26</b>

*Course descriptions specify what subject(s) credits can be used for. All additional credits earned in a subject may be used for elective credits.*

## ECHS & BEYOND

ECHS & Beyond is Ellensburg Christian High School's process for successfully preparing students for what is to come after high school graduation. Each student will complete a variety of self-reflective activities, gather evidence, and compile a portfolio that will remain in their permanent file. Items in the checklist below must be satisfactorily completed and submitted to the academic counselor by mid-May at their final meeting with the guidance counselor.

Ten hours of community service is required for students each school year. ECHS & Beyond is a graduation requirement.

### SIXTH, SEVENTH OR EIGHTH GRADE

- Career Interest and Skills Survey and Personal Essay
- Set SMART Goals

### FRESHMAN

- Set SMART Goals for the Year
- Meet with Counselor/Review Graduation Plan
- Reflection of Goals
- Community Service Ledger

### SOPHOMORE

- Set SMART Goals for the Year
- Take ASVAB (if applicable)
- College Research Sheet
- Meet with Counselor/Review Graduation Plan
- Reflection of Goals
- Community Service Ledger

### JUNIOR

- Set SMART Goals for the Year
- PSAT/SAT/ACT (if applicable)
- Cover Letter
- Letter of Recommendation
- Resume
- Meet with Counselor/Review Graduation Plan
- Reflection of Goals
- Community Service Ledger

### SENIOR

- Set SMART Goals for the Year
- Reflection of Goals
- Community Service Ledger

### OTHER - TO BE COMPLETED ANY YEAR



- Participate in Mock Interview
- Attend both Project Based Learning Days for Every Year Enrolled at ECS
- Job Shadow & Form Completed
- Complete High School and Beyond Form

## STUDENT COMMUNITY SERVICE LEDGER

Student Name \_\_\_\_\_ Date Entered School \_\_\_\_\_

Date	Organization/Person Served and Signature of Supervisor	Description	# of Hours

## ECHS COMMUNITY SERVICE CRITERIA

 <b>CAN</b>	 <b>CANNOT</b>
Help at church	Be paid
Help a neighbor	Be for direct family (ex. babysitting siblings, helping parents)
Help a teacher	Be in exchange for credit (TA course)
Help with athletics/auction/other school activities	Be part of a normal school activity/class/event
Be part of a mission trip	Be an extracurricular activity or extension of an extracurricular activity
Count 2 hours of time from Project Serve (this is a school day with an organized service activity)	Be an activity that the student already regularly participates in (try something new!)

*\* Community Service Hours Ledgers are due during May or June at your final meeting with your counselor to choose classes for the following year. Any hours after June 5<sup>th</sup> can be documented to count toward the following school year.*

*\*Students and Parents,*

*Please note that the purpose of community service as part of the High School and Beyond Plan is to help prepare students for the future. Students will use these community service experiences to create their resumes, to complete college applications, and to decide what they may be interested in doing after graduation. We have purposely set our required hours lower than many schools with the hopes that students will be intentional in their choices and push themselves to participate in experiences outside of their comfort zones in preparation for their future. We will review these ledgers at the end of each year and may make suggestions to students and parents for the following year(s).*

## ECHS JOB SHADOW REFLECTION

**Student Name:**

**Grade:**

**Name of Person(s) Shadowed:**

**Business Name:**

*Use complete sentences to respond to the following items. You may attach an additional sheet(s) if you need more space.*

Explain three things you learned from this experience:

- 1.
- 2.
- 3.

In a paragraph, evaluate what you liked most about the job you observed. Provide three examples to support your evaluation:

Decide whether you agree or disagree with the following statement: "Certain elements of the job shadow experience surprised me." In a paragraph, support your position with two examples from your experience.

Explain why you would or would not like this job. Provide two examples to support your conclusion.



## PHYSICAL EDUCATION CREDIT WAIVER

Ellensburg Christian High School allows students with good academic standing to waive one credit of P.E. with two completed seasons of a high school sport (.5 credits earned per completed season) or participation in local community-based organized athletics. Participation in a school sports program requires a coach's verification. Participation in community-based organized athletics requires a weekly log documenting a minimum of 80 hours (during the semester that the student requests the waiver- summers do not count) of regular workouts, practices, and competitions. Parent/Guardian and the coach's verification of intent to participate are required, as well as a signed attestation by the teacher/coach to be signed upon completion of the required hours.

In order for Ellensburg Christian High School to verify and accept these credits students must complete and return this form to the main office at the beginning of the semester. All completed logs must be submitted by the last day of the semester.

Good academic standing is defined as a GPA of 2.0.

Students cannot waive the .5 Health credit required to graduate.

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

What sport will the student be participating in? \_\_\_\_\_

What school will the student be playing for? \_\_\_\_\_

Teacher/Coach's Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_

\_\_\_\_\_  
(Student Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Teacher/Coach Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(School Counselor or Administrator Signature)

\_\_\_\_\_  
(Date)

**LOG FOR DOCUMENTING PE WAIVER REQUEST HOURS**  
**(Minimum 80 hours in one Semester)**

<b>Activity</b>	<b>Date</b>	<b>Number of Hours</b>	<b>Supervised By</b>

## COACH/TEACHER ATTESTATION

I, \_\_\_\_\_, have reviewed the attached log completed and submitted by \_\_\_\_\_ . By signing this attestation I agree that the student has completed the activities recorded on the log and completed a minimum of 80 hours of participation in the stated organized athletic program.

\_\_\_\_\_  
(Coach/Teacher Signature)

\_\_\_\_\_  
(Date)

# INDEPENDENT STUDY COURSE REQUEST

Ellensburg Christian High School may sometimes allow students to opt out of a scheduled class and instead complete a course independently. Independent Study requests will be reviewed and approved based on the student's need to complete a course for the purpose of graduation and/or work towards their goals after high school. Independent Study Course Requests need to be submitted to the main office at least one week prior to the beginning of a new semester in order to be reviewed and approved. You and your parent(s) will be notified before the semester begins and, if not approved, the counselor will work to schedule you into a class that best fits your needs. All Independent Study Course Requests must be signed by the student, a parent, and the teacher that will be overseeing the Independent Study. The Guidance Counselor or Administrator will mark if approved or denied and will be the final signature obtained.

All Independent Study Courses must have a syllabus and/or learning objectives designed and overseen by the assigned teacher. The supervising teacher will determine mastery of the course based on evaluation of the stated objectives.

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Course Requested: \_\_\_\_\_

Reason for Request: \_\_\_\_\_

Term Requested (circle one):              Fall Semester              Spring Semester

\_\_\_\_\_  
(Student Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Teacher Signature)

\_\_\_\_\_  
(Date)

<b>For Office Use Only</b>	
<input type="checkbox"/> Approved	<input type="checkbox"/> Denied
_____ (Counselor/Admin. Signature)	_____ (Date)

## COURSE EQUIVALENCY REQUEST

Ellensburg Christian High School may sometimes allow students to opt out of a scheduled class and instead complete a course outside of school. These credits are overseen by a teacher/instructor outside of Ellensburg Christian School. Students will need to present this completed form, along with a syllabus or learning objectives at least one week prior to the beginning of a new semester in order to be reviewed and approved. At the end of the specified term, students will need to submit proof of completion and mastery of the course. This will include a log of hours spent, any tests or assessments completed, and any certificates earned. Course Equivalency Requests will be reviewed and approved based on the students' need to complete a course for the purpose of graduation and/or working towards their goals after high school. Students and parents will be notified before the semester begins and, if not approved, the counselor will work to schedule you into a class that best fits your needs. All Course Equivalency Requests must be signed by the student, a parent, and the person that will be overseeing the course. The guidance counselor or administrator will mark if approved or denied and will be the final signature obtained.

Student Name: \_\_\_\_\_ Date: \_\_\_\_\_

Course Requested: \_\_\_\_\_

Reason for Request: \_\_\_\_\_

Term Requested (circle one):            Fall Semester            Spring Semester

\_\_\_\_\_  
(Student Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Parent Signature)

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
(Instructor Signature)

\_\_\_\_\_  
(Date)

**For Office Use Only**

Approved             Denied

\_\_\_\_\_  
(Counselor/Admin. Signature)

\_\_\_\_\_  
(Date)

## DUAL CREDIT OPTIONS

**Running Start:** The Running Start program allows qualified juniors and seniors to take college classes on the CWU campus and apply the credits toward high school graduation and toward potential college degrees. Running Start students at ECHS will need to enroll with a public school district in order to take classes through CWU. They must be on track to graduate. Students may take any classes available at CWU but must still meet all specific course requirements for an ECHS diploma.

**YV Tech:** YV Tech is located in Yakima and partners with local school districts, to include Ellensburg and Kittitas. ECHS Juniors and Seniors may be eligible to take ½ day courses in Yakima to begin working towards certifications, college credits, and experience in certain fields. Students would need to enroll with a public school district AND YV Tech in order to participate. Options include: Auto Collision Repair, Electrical, Automation Technology, Emergency Medical Services, Automotive Technology, Entertainment Media Production, Business Administration, Law Enforcement, Computer Technician, Nursing, Construction Trades, Physical Therapy Technician, Cosmetology, Pre Medical Assistant, Culinary Arts, Cybersecurity, Translation and Interpretation, & Dental Assisting. Check with your counselor to see if you are eligible and for enrollment information. *\*NOTE: Acceptance into the program is based on space availability. Students may apply and not be placed, but are able to reapply for future terms.*

## POST HIGH SCHOOL OPTIONS

The requirements for further education/training after high school vary widely. Listed below are the most common options pursued by graduates and the admission requirements for each.

### Washington State Public Four-Year Colleges/Universities -

Minimum admission requirements for the four-year colleges/universities in the State of Washington:

<b>ENGLISH</b>	4.0 credits including at least 3 years of Lit. & Comp.
<b>MATHEMATICS</b>	3.0 credits up to and including a minimum of Algebra II. During the senior year students must earn a credit in a quantitative course (e.g. Math, Accounting, Physics and Chemistry, Financial Fitness, Robotics and Biotechnology, Environmental Science).
<b>SOCIAL STUDIES</b>	3.0 credits
<b>SCIENCE</b>	2.0 credits including 1 credit of Algebra based science and 2 credits of Lab science (WWU also requires a year of Chemistry or Physics)
<b>FOREIGN LANGUAGE</b>	2.0 credits of a single language
<b>FINE/PERFORMING ARTS</b>	1.0 credit – art, photo, music, drama

For additional details, check with the college(s) you are interested in or your high school counselor. These institutions also have GPA requirements. SAT or ACT test scores may also be required. Private institutions may have additional requirements.

**Washington State Community and Technical Colleges** - While there are no specific admissions requirements, students are strongly encouraged to complete the same coursework as required for 4-year college admissions. Please contact specific institutions of interest for admissions testing information.

**Out-of-State Colleges and Universities** - Be sure to check with the specific schools of interest as out-of-state requirements vary widely. SAT or ACT test scores may be required but GPA and subject pattern requirements can be very different.

**Trade & Technical Schools** - Check with specific schools of interest for admissions requirements.

**Military Enlistment** - All branches of the military require a high school diploma. Check with your local recruiter for specifics.

**Apprenticeships** - Apprenticeships are available throughout the state for on-the job training in a variety of career areas. [www.wa.gov/esd/apprenticeship/](http://www.wa.gov/esd/apprenticeship/)

## STANDARDIZED TESTING FOR EDUCATION BEYOND HIGH SCHOOL

The tests listed below are those most frequently taken by ECHS students and most important to their further education. This summary should not be used as a substitute for consulting the counselors, college catalogs, or scholarship programs for required testing information.

**PSAT (Preliminary Scholastic Aptitude Test)** This test is given annually in October. It is designed for juniors to help them prepare for the SAT college entrance exam. Cost is approximately \$18.

**ASVAB (Armed Services Vocational Aptitude Battery)** The ASVAB is offered to high school students as part of the ASVAB Exploration Program. The program provides tools to help students learn more about career exploration and planning. Students at Ellensburg Christian High School have the opportunity to take the ASVAB test and the FYI Interest Inventory. The test is free.

**SAT and ACT** Either the SAT or ACT may be required for admissions to Washington State four-year institutions of higher learning. (Be sure to check with the college/university of your choice as to which test is required.) SAT is offered once during the school year on a school day. It is recommended that students take this test in the spring of their junior year. Seniors need to check the date by which the results must be sent to the appropriate place. The October or November test dates are recommended for seniors. Testing dates and registration deadlines are posted online. SAT costs are approximately: \$52.00 w/out essay and \$68.00 w/essay. [www.sat.collegeboard.org](http://www.sat.collegeboard.org) [www.act.org](http://www.act.org)

\* PSAT, SAT, ACT & ASVAB information may change as we implement these programs. Once dates and cost are set families will be notified.



## **FINANCIAL AID FOR HIGHER EDUCATION**

This category includes grants, loans, and work study.

**FAFSA (Free Application for Federal Student Aid):** Determines the level of need for financial aid; the information is sent to the schools to which the student is applying and then the specific institution offers a financial aid package to the student.

- Financial aid may be used for meeting college costs, both direct educational costs (tuition, fees and books) and personal living expenses (such as food, housing and transportation).
- Parents and students need to know and follow the institution's filing deadline for prime consideration for aid. Many institutions expect the FAFSA to be in by February 1.
- FAFSA forms are available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov)., beginning in October of senior year.
- Financial aid information is available online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov) or by contacting the financial aid office at your intended college.
- In order to submit the FAFSA application, both the student and the parent must have their own FSA ID number which can be obtained at [www.FSAid.ed.gov](http://www.FSAid.ed.gov)

**Scholarships:** Available for students for all types of interests, affiliations and aspirations.

- Scholarship information is posted on an ongoing basis throughout the school year on the ECHS page on our main website, [www.ellensburgchristian.org](http://www.ellensburgchristian.org)., as the administration becomes aware of available scholarship opportunities. Please check this periodically to stay current on upcoming available scholarships.

**R.O.T.C. Scholarships and Military:** All armed services offer four-year scholarship opportunities to high school students going on to college.

- Awarded on a competitive basis
- Pay for tuition, books, fees, and other educational expenses for students majoring in specific fields. They also pay the student a monthly stipend during each academic year the award is in effect.
- All scholarships commit the student to a multiple year military obligation.
- Potential applicants must take the SAT or ACT in the spring of their junior year or the first fall testing of their senior year. Contact specific college ROTC offices for specific testing and qualifying deadlines.

**Military Academies:** Attendance at the military academies is covered by scholarships but the application process must begin early in the junior year. Contact a recruiter directly if interested.

## ONLINE & HOMESCHOOL OPTIONS

**Red Comet:** ECHS has partnered with Red Comet, an online schooling program that offers many options for taking classes and earning credits outside of what ECHS offers. Contact the counselor for more information about offerings and suggestions and for information on how to apply.

**Homeschool:** Homeschool student credits are accepted by ECHS to apply towards graduation for new, full-time, students upon submission of a signed homeschool transcript. Additionally, we often have space available for homeschool families to enroll their students in electives. Contact the office for more information on class availability and admission requirements.

## ART

**Mixed Media Art:** Discovering artistry with different mediums! This course is designed to bring out creativity and self-expression within the student's art with a fun approach. Students create mixed media art on a variety of papers, canvas, and other creative surfaces.

*.5 credit/semester (Art, Elective)*

**Ceramics:** This course provides an introductory exposure and a beginning level experience in the use of clay as a fine art medium. Forming techniques, surface development and glazing, and kiln firing practices will be introduced. *.5 credit/semester (Art, Elective)*

## BIBLE & RELIGIOUS STUDIES

**Bible - Connecting with God, A Survey of the New Testament:** This survey course is intended to give students an overview of each book in the New Testament. It is structured to present basic information as well as guide students in exercises, discussions, and enrichment activities to give them a solid understanding. *.5 credit/semester* (Bible)

**Bible - Journeying with God, A Survey of the Old Testament:** This survey course gives high school students an overview of each of the books of the Old Testament. The course is structured to provide basic information as students are guided through exercises, discussions, and enrichment activities. A strong emphasis in this course is helping students see the "big picture" perspective as they study how God has worked through His people to carry out His plan of salvation. *.5 credit/semester* (Bible)

**Bible - Timeless Truth:** This apologetics course carefully walks students through the answers to these important questions — What is truth? Where can the truth be found? Is the Bible reliable and relevant? Before young people can rely on the Bible, they must be assured of its truth. Students can apply what they learn as they hear a wide range of claims in the secular environment. *.5 credit/semester* (Bible)

**Religious Studies:** This class teaches students that the Christian Biblical worldview is the only worldview that explains the reality of our world. Students will learn that truth exists, that there is solid evidence for a Christian Biblical worldview, that their lives have purpose and meaning, that God has a plan for their lives and that they are deeply loved by Him. Students will explore this through an apologetics based book study. *.5 credit/semester* (Bible)

## ENGLISH & LANGUAGE ARTS

**Literature & Composition 9:** In this class students will read, analyze, and discuss the following classics through a biblical lens while developing writing skills for research, expository and persuasive essays, and narratives: *The Emperor's New Clothes* (Andersen), *The Adventures of Tom Sawyer* (Twain), *The Great Divorce* (Lewis), *Animal Farm* (Orwell), *The Old Man and the Sea* (Hemingway), *The Veldt* and *All Summer in a Day* (Bradbury), *The Red Pony* (Steinbeck), and *Romeo and Juliet* (Shakespeare). Students will also be introduced to the Socratic Method, and will participate in weekly Socratic seminars. .5 credit/semester (English)

**Literature & Composition 10:** In this class students will read, analyze, and discuss the following classics through a biblical lens while developing writing skills for research, expository and persuasive essays, and narratives: *The Princess and the Goblin* (MacDonald), *The Screwtape Letters* (Lewis), *Desert Exile* (Uchida), *Night* (Wiesel), *Pride and Prejudice* (Austen), *Uncle Tom's Cabin* (Stowe), *The Tempest* (Shakespeare). .5 credit/semester (English)

**Literature & Composition 11:** In this class students will read, analyze, and discuss the following classics through a biblical lens while continuing to develop writing skills for research, expository and persuasive essays, and narratives: *Frankenstein* (Shelley), *The Odyssey* (Homer), *Jane Eyre* (Bronte), *Incidents in the Life of a Slave Girl* (Jacobs), *Phantastes* (MacDonald), and *Macbeth* (Shakespeare). .5 credit/semester (English)

**Literature & Composition 12:** In this final year of literature and composition students will read, analyze, and discuss the following classics through a biblical lens while continuing to hone their composition skills: *The Wright Brothers* (McCullough), *Bonhoeffer* (Metaxas), *One Day in the Life of Ivan Denisovich* (Solzhenitsyn), *Lord of the Flies* (Golding), *Our Town* (Wilder), *The Grapes of Wrath* (Steinbeck), *All Creatures Great and Small* (Herriot), *Propaganda* (Bernays), *Oedipus Rex* (Sophocles), *Antigone* (Sophocles), and *Hamlet* (Shakespeare). .5 credit/semester (English)

**Creative Writing:** In this course students will explore different genres of writing, and, if desired, will work to craft a piece of writing for publication in our high school literary journal, *The Quill*. Students will also collect stories and compose biographies for our elder neighbors at the Prestige Hearthstone Retirement Home on a weekly basis throughout the course. .5 credit/semester (English, Art)

## HEALTH & FITNESS

**P.E.:** This course focuses on physical fitness and movement, as well as learning team sports.

*.5 credit/semester* (Health & Fitness, Elective)

**Health:** Integrating a Christian perspective throughout lesson plans, this high school physical education & health course covers topics such as competition, fitness and recreation, the Christian and sports, practical fitness programs, and more! *.5 credit/semester* (Health & Fitness)

**Waiver:** Students with good academic standing may waive one credit of P.E. with two completed seasons of a high school sport (.5 credits earned per completed season) or participation in local community-based organized athletics. Participation in a school sports program requires a coach's verification. Participation in community-based organized athletics requires a weekly log documenting a minimum of 80 hours (during the semester that the student requests the waiver- summers do not count) of regular workouts, practices, and competitions. Parent/Guardian and the coach's verification of intent to participate are required, as well as a signed attestation by the teacher/coach to be signed upon completion of the required hours. In order for Ellensburg Christian High School to verify and accept these credits students must complete and return this form to the main office at the beginning of the semester. All completed logs must be submitted by the last day of the semester. Good academic standing is defined as a GPA of 2.0. Students cannot waive the .5 Health credit required to graduate.

## HISTORY & SOCIAL STUDIES

**U.S. History:** This course teaches students about the development of the United States as a nation in order for them to become informed and empowered citizens. The course begins with early American settlement, then moves on through the formation and early years of the nation, the Constitution, and the many challenges that have threatened survival. Students will develop their critical thinking skills as they learn to use their knowledge of the nation's history to make informed decisions about issues on a local, state, and national level. *.5 credit/semester (Social Studies)*

**World History:** World History guides students through the story of history, starting with creation and continuing to the present. Students will analyze five key themes throughout history from a biblical perspective: justice, power, citizenship, environment, and world religions. They will also do specific studies on Africa, the East, Asia, pre-colonization Americas, and empires in Africa, India, and Asia. As they trace the major patterns in world history, they will see how those themes point more and more clearly to the triumph of the kingdom of God. *.5 credit/semester (Social Studies)*

**American Government:** This course prepares students to be informed and empowered citizens who have a biblical perspective of government. It teaches students about our nation, its development over the last four centuries, and its system of government. Students will have the opportunity to examine primary sources that are foundational to understanding how the US government should operate. *.5 credit/semester (Social Studies)*

**Cultural Geography:** This course helps students become informed citizens and empowered participants in society. It is taught from a biblical perspective and encourages students to appreciate the diversity of people, cultures, and landforms. It also aims to develop critical-thinking skills and demonstrates how knowledge of cultural geography is essential to understanding people from different nations and cultures. *.5 credit/semester (Social Studies)*

## MATHEMATICS

**Algebra 1:** This class equips students and teachers with tools and strategies for using and developing algebraic models to solve real-world problems within the context of a biblical worldview. Students will write algebraic expressions, describe quantitative relationships, solve real-world problems using linear equations, and understand God's design as foundational to reasoning, modeling, and ethics in mathematics. *.5 credit/semester (Mathematics)*

**Geometry:** This geometry course is traditional in nature, requiring students to prove theorems and calculate with formulas. Each lesson reinforces geometry concepts and helps develop critical thinking skills. The text also presents geometry as a means of exercising dominion over the earth, loving our neighbors, and manifesting the orderliness and design of the world God created. *.5 credit/semester (Mathematics)*

**Algebra 2:** This course focuses on developing reasoning skills through the discussions of advanced algebra concepts such as quadratic equations, polynomials, complex numbers, logarithms and trigonometry. Students will learn to solve algebraic functions and graph them. *.5 credit/semester (Mathematics)*

**Precalculus:** This course presents a balanced study of the foundations of calculus and practical real-world applications. Students will review key families of functions before studying trigonometry and its applications. The study of matrices, analytic geometry, sequences and series complete the foundation for higher math courses. Concluding chapters introduce descriptive and inferential statistics and differential and integral calculus. Special features present biblical perspectives of mathematics and its history. *.5 credit/semester (Mathematics)*

**Consumer Math:** Consumer Math helps students develop the knowledge and skills they need to successfully handle their personal finances. Topics include developing a budget, filing taxes, and planning a vacation. Stewardship & Scripture features encourage students to view their handling of money in light of scriptural teaching. *.5 credit/semester (Mathematics, CTE)*



## SCIENCE

**Biology:** The Biology course endeavors to equip students to ethically engage in biological inquiry and to recognize life's design, homeostasis, and conservation from a biblical worldview. Students will be able to discuss the process of homeostasis to biological structures at multiple levels, analyze living organisms, evaluate current and historical biological models, and apply a biblical framework to ethical issues in the realm of biology. The course includes real world scenarios and a variety of hands-on lab activities. *.5 credit/semester (Science)*

**Earth Science:** In this class, students cover the general properties of the earth's geosphere, hydrosphere, and atmosphere. They will explore fossils, minerals, plate tectonics, properties of water, fresh and ice water reservoirs, along with weather and the solar system. *.5 credit/semester (Science)*

**Physical Science:** This science course meets the students where they are: in the cafeteria, on the sports field, on the roads, and in the music room. Through physical science, students will learn how everything they do relates to chemistry and physics. In the chemistry chapters they will see the wonder in how matter and energy interact in the food we eat, the drinks we drink, and the matter that makes up our world. In physics chapters, they will see how things move, why things move, and why objects behave as they do. *.5 credit/semester (Science)*

**Chemistry:** Through the study of chemistry, students will learn how many everyday events relate to chemistry. They will see the wonder in how matter and energy interact in the food we eat, what we drink, how cars move, and how medicine works. They will learn about how chemistry impacts the world around us and our obligation to help redeem others and the physical world with what we know about chemistry. Includes lab activities. *.5 credit/semester (Science)*

**Physics:** Enable your students to handle problems involving motion and matter. Physics equips students to ethically engage in the work of physics through a program of instruction, practice, inquiry, and engineering design based on real-world problems. Students will extend their knowledge and skills through strategic modeling and practice, case studies, evaluation of scientific models, and ethics activities. They will also be able to collect and analyze data as well as create their own models using discovery labs, inquiry labs, and collaborative STEM experiences. *.5 credit/semester (Science)*

## WORLD LANGUAGE

**World Language A:** Rosetta Stone takes the learning process online. Students will be able to grow their skills in Spanish—including grammar and vocabulary—on a schedule that works for them.

*.5 credit/semester* (World Language)

**World Language B:** Using Rosetta Stone, students will continue on their path towards increased comfortability and fluency in reading, writing and speaking Spanish. *.5 credit/semester*

(World Language)

## OTHER COURSES

**Robotics:** Robotics explores the engineering and design process through hands-on challenges. Students design, build, code, and operate VEX robots. Students also build skills in blueprints and record keeping through their engineering notebook. *.5 credit/semester* (Elective, CTE)

**Teacher's Assistant:** Designed for students who only need elective credits or who would otherwise have an open period or be placed into a course they've already taken. Must be approved by the counselor, parents, and the teacher you will be assisting. Duties will include grading, copying and other tasks as assigned by the teacher. *.5 credit/semester* (Elective)

**Independent Study:** Designed for students who need credits in a certain class/area that otherwise is not offered or does not fit into their schedule. Must be arranged with and approved by the teacher that will be overseeing the course, as well as approved by the counselor and parents. *Must complete the Independent Study Course Request form (pg. 12) and submit to the office*

**Career & Technical Education (CTE):** CTE is a broad term for education that combines academic and technical skills with the knowledge and training needed to succeed in today's workforce. Courses use the practice of teaching specific career skills to students. Course options may vary each semester but include: Careers, Family & Interior Design, Careers & Exploration, Robotics, Consumer Math, and more. Please see your guidance counselor for up to date offerings.

## CURRICULUM

**Art:** The Art of Education: Flex Curriculum - taught from a Biblical worldview.

**Bible:** Purposeful Design

**Religious Studies:** “Evidence that Demands a Verdict” and “The New Tolerance” - Josh McDowell, “The Case for Christ” - Lee Strobel, “Person of Interest” and “Cold Case Christianity” - J. Warner Wallace, “The Truth Project” (video) - Del Tacket & Steven Myer.

**History:** BJU Press

**Language Arts:** Book Studies - see individual course descriptions for a list of books used

**Mathematics:** BJU Press

**Science:** BJU Press & Berean Builders

**World Language:** Rosetta Stone

**Health:** Horizons Physical Education