

# **FAITH BIBLE HIGH SCHOOL**



## **COURSE CATALOG 2019–2020**

*Dedicated to Building Academic Excellence, Developing Christ-like Character, and Equipping Our Students to Serve Others*



## **Welcome!**

Faith Bible Christian School was established in 1976. We are a non-denominational high school dedicated to serving the Christian community of western Washington County. Students come from Hillsboro, Beaverton, Aloha, Forest Grove, Tigard, Portland, and their surroundings to our Tanasbourne campus. Faith's students attend over 60 different churches.

Faith Bible High School offers a comprehensive AdvancED Accredited academic program designed to equip students for college success. Outstanding results of standardized achievement testing and college SAT tests point to the quality of our educational program. Low student/teacher ratios, traditional classroom style and schedule, committed teachers and a personal concern for each student's success are the hallmarks of Faith's outstanding reputation and tradition of excellence.

The success of our students is not limited to their academic pursuits. While 85% of our students attend colleges or universities, about 5% attend vocational schools, about 5% enter military services, and about 5% enter the workforce upon graduation. Our students go on to make a difference in their families, workplaces, churches, and communities.

Faith Bible Christian School has been highly ranked among the top Christian schools in Oregon as well as among all private schools in the state. Thank you to our staff, students, and school families for making FBCS such an amazing school option for our community and a shining light for God's glory.

## High School Graduation Requirements

27 credits are required to graduate. Taking 7 classes for 4 years (a normal full-time schedule) will earn 28 credits. Each semester of each class earns  $\frac{1}{2}$  credit (with a passing grade).

### Bible

4 credit minimum—a Bible class is required each year; freshman and sophomore years specified

### Social Studies

4 credits (4 years)—specified by grade

### English

4 credits (4 years)—specified by grade

### Second Language

2 credits (2 years)

### Science

3 credits (3 years)—freshman and sophomore years specified

### Mathematics

3 credits (3 years)—Algebra 1 and above

### Computer

1 credit (1 year)—freshman year

### Physical Education

1 credit (or two seasons of a sport)

### Health

$\frac{1}{2}$  credit (1 semester)

### Speech

$\frac{1}{2}$  credit (1 semester)

## Students Entering from another School

Students who have earned credits from another school, such as a sophomore who is entering Faith Bible, will be individually counseled and placed in appropriate classes based upon their existing transcript.

## Online Options

**All** courses required for graduation must be completed within the regular FBHS offerings. Alternative and online courses may only be utilized for remedial work, when a schedule conflict dictates the need for an on-line course, or for elective courses unavailable in our regular course offerings. ***Administrator approval is required prior to enrolling in on-line courses.***

## Honors & AP Courses

**Honors** courses are higher-level classes that may proceed at a faster pace, cover material more deeply, and/or are more rigorous than regular high school classes. Honors classes are usually reserved for high school students who excel in certain subjects.

**AP** classes are more challenging than Honors classes. The AP curriculum, administered by The College Board, consists of standardized high school courses that are roughly equivalent to undergraduate college courses. After completing an AP class, students typically take the AP exam in that subject, which can earn them credits and accelerated placement in college. These classes are not designed and implemented as exam preparation courses, but as courses that cover the subject content at a college level. It is the responsibility of the parents and students to research the best tools that will aide in the exam aspect of the course. It is

strongly encouraged that students begin the preparation for the exam the summer before they begin the course at the high school.

## **GPA & Class Ranking**

Classes are weighted in computing a student's GPA. Honors classes are weighted by 0.5 and Advance Placement classes are weighted by 1.0. Thus, a student may have a GPA greater than 4.0.

The semester and cumulative GPAs are calculated at the end of each semester. All full-time students are considered when calculating class rank.

## **Grading System**

A	Superior	4.00	90% – 100%
B	Above Average	3.00	80% – 89%
C	Average	2.00	70% – 79%
D	Below Average	1.00	60% – 69%
F	Failing	0.00	0% – 59%

# Courses

## Bible

Foundations of Faith	Required 9 <sup>th</sup> /New Student
Life of Christ	Required 10 <sup>th</sup>
Men of Honor	
Women of Virtue	
Relational Christianity	
Theology and Real Life	
Comparative World Religions	

## English

Grammar & Composition	Required 9 <sup>th</sup>
World Literature	Required 10 <sup>th</sup>
American Literature	Required 11 <sup>th</sup>
American Literature (Honors)	
British Literature	Required 12 <sup>th</sup>
AP British Literature	

## Social Studies

Cultural Geography	Required 9 <sup>th</sup>
US History	Required 11 <sup>th</sup>
AP US History	
Government	Required 12 <sup>th</sup>
Economics/Personal Finance	Required 12 <sup>th</sup>

## Mathematics

Algebra 1A & 1B (combined to count as one required credit)	
Algebra 1	
Geometry	
Math Encounters	
Algebra 2	
Pre-Calculus	
AP Calculus	
Honors Statistics	

# Courses

## Science

Integrated Science	Required 9 <sup>th</sup>
Biology	10 <sup>th</sup> grade option
Earth Science	10 <sup>th</sup> grade option
Chemistry	10 <sup>th</sup> grade option
Astronomy	
Anatomy	
Physics	

## Languages

- Spanish 1, 2, and 3
- American Sign Language 1, 2, and 3
- Japanese 1 and 2

## Required Electives

Freshman Computer	Required 9 <sup>th</sup>
Health/Speech	Required 10 <sup>th</sup>
Physical Education	(or 2 seasons of a sport)
Summer P.E.	(begins 2020)
Dance Survey	

## Electives

- Psychology (10<sup>th</sup>-12<sup>th</sup> only)
- Introduction to Engineering Design (STEM)
- Principles of Engineering (STEM)
- Finding God in Science
- AP Computer Science Principles
- AP Computer Science A
- Computer Applications for Business (10<sup>th</sup>-12<sup>th</sup> only)
- Choir
- Drama/Theater
- Art 1 and 2
- AP Art
- Communication Arts (Art 1 & 2 required)
- Yearbook/Photography
- Home Economics

Pep/Jazz Band  
Rhetoric/Debate  
Criminal Justice  
Sports Management  
Study Skills  
Woodworking

**Note:** Not all courses will be available every year.

# Course Descriptions

## Bible

### Foundations of Faith

Foundations of Faith is primarily a freshman course designed to provide an overview of both the Old and New Testaments. The course will be a balance of big picture concepts and detailed glimpses of the story, people, and teachings of Scripture. It is designed to help students understand what we (Christians) believe, why we believe it, why it matters, and how we live in light of it. The course is designed to develop a better understanding of the life of a Christ-follower.

### Life of Christ

This Bible study spans all four Gospels, covers the entire life of Christ in chronological order, and emphasizes personal application of Biblical truth. This class is designed to lead the students to understand more about Jesus and move them toward a stronger commitment to their faith. Students will learn that Jesus was more than just a “good man” or “great teacher.” They’ll learn about Him in ways they’ve probably never before experienced. The more they know about Jesus, the more they’ll know about God. Students will become acquainted with the historical events of the life of Jesus Christ and his teachings as found primarily in the four gospels. We will stress the humanity of the Lord while also affirming His full deity, and explore how these two vital truths are complementary and not contradictory in achieving a better understanding of His words and works. Students will study the gospels of the New Testament as related to its background, both the religious framework of the

Old Testament and the cultural significance of the Roman world. We will help students come face to face with Jesus in all His complexity in the scripture, thus providing a faith building experience.

### Men of Honor

This course for young men will explore what it means to be a godly man and how that compares/contrasts with our culture. It is designed to use learning approaches that better connect with where young men are and to address the Bible in practically applicable ways that encourages both spiritual growth and life action.

### Women of Virtue

This course for young women will explore what it means to be a godly woman and how that compares/contrasts with our culture. Students will examine women in Scripture and also discover how we can find our identity in Christ. We will also explore a wide array of topics such as jealousy, modesty, and healthy relationships.

### Relational Christianity

Relationships are at the heart of Christianity. This course explores God's design for our relationships, both with Him and with others, giving students an understanding of this foundational truth as well as practical tools and opportunities for growing in their relationships with God and others. Throughout the year, students will engage in God's Word, prayer, and discipleship relationships in order to grow spiritually. Whether a student taking this course begins without a relationship with God or with a deep relationship, with struggling personal relationships or thriving relationships, they will be encouraged to discover and

live out God's intentions in creating us to be relational. This course may best be thought of as a journey with the destination of a deeper relationship with God and more God-magnifying relationships with others.

## Theology and Real Life

No matter who you are or what your journey has been, we all have deep questions about God. How we answer these questions impact almost every decision we make. It is impossible to separate everyday life from your worldview. Now, imagine being in an environment where you can safely ask questions and develop your worldview before graduating high school. Through this class we will journey together to solidify what you believe about God, the nature of man, Christ, and salvation. We will explore big truths and discuss the different ways they have been understood historically. The aim of the class is to take this "potentially dry material" and make it exciting by creating a relational environment that centers on having helpful discussions and healthy debates. The goal is to lead you to build a solid foundation of what you believe and help you own your faith.

## Comparative Religions

This course focuses on Christian doctrine and comparing it to major cults and religions around the world. Students will investigate the founders and main precepts of various religious expressions as well as basic Christian doctrine. The second aspect of the course compares and contrasts Biblical teaching with competing worldviews in the world. This includes various "isms" such as nihilism, materialism, consumerism, narcissism, and atheism.

# English

## Grammar & Composition

Various samplings of literature will be examined and evaluated for mastery. Special emphasis will be placed on learning and applying grammar rules. In addition, this course will develop students' vocabulary as students learn PSAT and SAT words in order to understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. Finally, this course will encourage students to become lovers of reading, as they will read daily.

## World Literature

Various samplings of world literature will be examined and evaluated for mastery. Novels have been selected from a variety of world authors and will reinforce the study of world literature. In addition, this course will develop students' vocabulary as students learn PSAT and SAT words in order to understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. Finally, this course will encourage students to become lovers of reading, as they will read daily.

## American Literature

American Literature is a course which looks at literature written by Americans. Various samples of literature will be examined and evaluated for mastery. Novels have been selected from a variety of American authors and will reinforce the study of American literature. In addition, this course will develop students' vocabulary as students learn PSAT and SAT words in order to

understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. Finally, this course will encourage students to become lovers of reading, as they will read daily.

### American Literature (Honors)

Honors American Literature is a course which looks at literature written by Americans. This class will closely follow the regular American Literature class, but the Honors class will demonstrate more depth in both comprehension and execution, focusing on rhetorical devices. Various samples of literature will be examined and evaluated for mastery. Novels have been selected from a variety of American authors and will reinforce the study of American literature. In addition, this course will develop students' vocabulary as students learn PSAT and SAT words in order to understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. Finally, this course will encourage students to become lovers of reading, as they will read daily.

Prerequisites: A summer reading assignment will be required as well as an essay over a prompt due on the first day of school. A GPA of 3.5 as well as a grade of B+ from the English course the year prior is required.

### British Literature

British Literature is a course which looks at literature written by British authors. Various samplings of literature will be examined and evaluated for mastery. Novels have been selected from a variety of British authors and will reinforce the study of British literature. In addition, this course will develop students'

vocabulary in order to understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. Finally, this course will encourage students to become lovers of reading as they will read daily.

## AP British Literature

AP British Literature is a course which looks at literature written by British authors. Various samplings of literature will be examined and evaluated for mastery. Novels have been selected from a variety of British authors and will reinforce the study of British literature. In addition, this course will develop students' vocabulary in order to understand how to use them in their writing and recognize them in reading. Also, this course will teach students how to write using various methods and styles. This class will closely follow the regular British Literature class, but the AP class will demonstrate more depth in both comprehension and execution. Special emphasis will be placed on the language of composition in order to equip students to successfully take the AP exam in May. Finally, this course will encourage students to become lovers of reading as they will read daily.

Prerequisites: A summer reading assignment will be required as well as an essay over a prompt due on the first day of school. A GPA of 3.5 as well as a grade of B+ from the English course the year prior is required.

## Social Studies

### World Geography

The word “geographia,” Greek for “Earth description,” was first coined by the ancient mathematician and

astronomer Eratosthenes (276–194 BC). Today, Geography is considered the bridge between the social and physical sciences, studying the interaction between humanity and the Earth's physical features. In Cultural Geography, we'll survey these interactions, from the physical processes that have molded the land, to the peoples, languages, customs and traditions that fill it, exploring how we have shaped the Earth – and continue to be shaped by it.

## US History

“A people without the knowledge of their past history, origin, and culture is like a tree without roots.” (Marcus Garvey) If we do not know or understand the innumerable events in the past that have brought us to the place we are today, or how to apply, synthesize and create from that knowledge and understanding to build “a more perfect union” then history is of no use to us. As a result of this class you will better know the nation you call home and how the events of yesterday and today are impacting the world in which you live and altering your own history. This class will take a unique approach of analyzing the people, ideas, environment, and intellectual and technological advances that have shaped our past and present as we look with curiosity to the future that is unfolding before us.

## AP US History

This course is an Advanced Placement course. It is a chronological survey of American history with an emphasis on analyzing the people, ideas, themes, and events that have influenced our country's development. Through the use of a college text, college level tests, lectures, discussions, role playing, and

essays, this class is designed to give you a strong foundation in United States history.

## Government

Government is one of the most impacting subjects of the social sciences. It is pervasive in every aspect of our daily lives. With confidence it can be said that if it is not already of interest to you, it will become personally significant in the next decade. We will study the foundations of government, the United States Constitution, party politics, and the three branches of our government. We will also study our Federalist system and how the national, state, and local governments work together to sustain the nation in which we live.

## Economics

Economics is one of the most impacting subjects of the social sciences. It is pervasive in every aspect of our daily lives. With confidence it can be said that if it is not already of interest to you, it will become personally significant in the next decade. Economics at its basic foundation is the science of choice. We will study how people, businesses, and nations allocate their limited resources in attempts to satisfy their unlimited wants and needs.

## Personal Finance

It often surprises Christians to discover just how much the Bible talks about money. In fact there are more than 2300 verses on money, wealth and possessions. Jesus spoke about money roughly 15% of his preaching and 11 out of 39 parables. It was his most talked about topic and the reason for this important class, since, "where your treasure is, there your heart will be

also.” Personal Finance is a course designed to help students understand what their treasure should be and the impact of individual choices in everyday life such as occupational goals and future earnings potential. Topics covered will include income, money management, spending and credit, as well as saving and investing. Through the semester, students will design personal and household budgets, simulate the use of checking and savings accounts, demonstrate knowledge of finance, debt, and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions. Every day, EVERY LESSON will matter. These will be lessons that will make a difference in the choices you make with your money every day of your life.

## **Mathematics**

### Algebra 1A & 1B

This course is intended for students who have struggled to grasp the concepts needed for Algebra I. Too often students think of algebra as an abstract topic completely disconnected from the real world. By combining a year of Algebra I with a year of math elective, students will be able to take more time to reinforce these concepts. They will earn half a credit for each of these courses. This will allow them to lay a solid foundation of algebra proficiency over their first two years of high school.

### Algebra 1

This course is typical Algebra 1 for high school students. It provides a solid foundation for further study in math by helping students recognize patterns, develop problem-solving skills, and apply general rules

to specific instances. This course covers the fundamental concepts of algebra including various properties/rules, exponents and roots, linear equations and inequalities, ratios and proportions, graphing, factoring, polynomials, and word problems.

## Geometry

This is an introduction to Geometry, including its use and importance in our daily lives. It includes segments, coordinate graphing, congruency, angles, triangles, parallels, quadrilaterals, proportions & similarity, polygons/area, circles, surface area & volume, right angles & trigonometry.

Prerequisite: Algebra 1

## Math Encounters

In this class we will explore the world around us and how Math is present in our everyday lives. We will learn about concepts that include creating and solving equations, quadratics, volume of solids, probability and statistics, and trigonometry and learn how these concepts are seen in our world. Math Encounters is a hands-on math that works through projects and measurements to promote critical thinking and communication of ideas. Not all universities accept this course as meeting requirements.

Prerequisite: Algebra 1 Geometry

## Algebra 2

Mathematics is the language that allows us to explain and discover the order and beauty that God established for all things in our world. With it, we can communicate, work, and create within the universe! The mathematical laws learned and used this year are

one indicator of the faithful, consistent, and covenantal God who rules over all creation— visible and invisible.

Prerequisite: Geometry

### Pre-Calculus

This course is designed for advanced math students who are planning to take Calculus the following year. You will learn to think critically as you combine concepts from Algebra, Geometry, and Trigonometry in order to solve complex problems. We will spend the majority of the first semester on the many different types of functions, their behavior, and their uses in modeling real world situations. Second semester starts with trigonometric functions and identities and ends with the application of exponential and logarithmic functions.

Prerequisite: Algebra 2

### AP Calculus

This course is designed for students who plan to take the Advanced Placement Calculus AB exam in May. You will spend a significant amount of time learning to think mathematically about complex problems, and you will be expected to approach problems graphically, numerically and analytically. You will learn to talk and write the language of mathematics as you describe real world situations using Calculus. You will also become proficient in the use of your calculator's graphing and numerical capabilities. Specific areas of study will include the use and properties of limits, differentiation and finding derivatives, methods of integration, differentiation and integration of advanced functions, and applications of differentiation and integration. Additional topics that will be added as time permits

include infinite series, conics, parametric equations, polar coordinates, and vectors.

Prerequisite: Pre-Calculus & Teacher Approval

## Honors Statistics

Honors Statistics is designed to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Topics introduced include the exploratory analysis of data and numerical techniques to study patterns, methods of valid data collection, probability as the tool for anticipating what distributions of data should look like, and confirming models through statistical inference.

Prerequisite: Algebra 2 & Teacher Approval

## Science

### Integrated Science

What is “science” and how does it relate to our day-to-day life? Integrated Science is designed as a "sampler" of different scientific disciplines (Physics, Chemistry, Biology, Geology and Space science) through an interdisciplinary approach that will include science history, natural philosophy and critical thinking. We will explore scientific method, the tools of science (research, experimentation, and data analysis), and scientific output (papers, posters, presentations and peer-review), focusing on concepts over memorization to serve as a gateway to future science interests.

### Biology

In this class students will explore the different branches of biology: Botany, Zoology, Human Anatomy and Physiology. We will spend time understanding ecology

and contemplating mankind's responsibility for taking care of our natural resources. Hands on activities will emphasize and reinforce the discoveries revealed in this class. This class emphasizes the relationship between God, His creation, and mankind.

## Earth Science

The Earth is the one thing we all share. In this companion to Space Science, we will explore the interconnections between the land, ocean, atmosphere, and life that continuously shape, influence, and sustain Earth and its inhabitants, sampling geology, oceanography, meteorology and ecology. Along the way, we will learn the tools of science (research, experimentation, and data analysis), and scientific output (papers, posters, presentations and peer-review) to understand Earth science as both a body of knowledge and a profession.

## Chemistry

This class compares the different elements of the Periodic Table to discover how God created the universe. Students will use hands on activities and labs to discover the patterns found in the Periodic Table, and then use those patterns to describe the formation of micro and macromolecules. We will also explore the chemistry of life.

## Astronomy

Astronomer Carl Sagan once observed, "The Earth is a very small stage in a vast cosmic arena." In this companion to Earth Science we will explore our place in this cosmic arena, sampling astronomy, planetology, astrobiology, astrophysics, cosmology and spaceflight. Along the way, we will learn the tools of science

(research, experimentation, and data analysis), and scientific output (papers, posters, presentations and peer-review) to understand space science as both a body of knowledge and a profession.

## Anatomy

This class will cover foundational principles of Human Anatomy and Physiology. Students will discover the structures of the human body (Anatomy). They will then explore the ways in which those structures work together to maintain life (Physiology). We will learn anatomical and medical terms while considering ethics in medicine. Hands on and practical situations will be used to augment understanding of the concepts.

## Physics

This course is designed to introduce students to Physics through the use of the scientific method during hands-on activities and labs, discussing the fundamental laws of nature on which all science is based, and thinking critically about how math and science apply to the real world. Students will explore the ideas of forces, motion, and energy, learn about waves by studying sound and light, apply the principles of electricity and magnetism as they design circuits, and delve into modern Physics as we discuss quantum theory and nuclear physics.

## Languages

### Spanish 1

This is a beginning course in Spanish intended for students with no previous knowledge of the Spanish language. This course encompasses the instruction of communication, culture, connections, comparisons and communities. It involves the instruction of the

grammar necessary to prepare students to effectively communicate by listening, speaking, reading, and writing. It's a great way to get a glimpse of the Spanish-speaking world as a mission field.

## Spanish 2

This course will provide the students with real-life communication skills in Spanish and expose students to the culture. This year students will learn and deepen their understanding of the Spanish language by learning to discuss past events, and the ability to describe people, places and things. Our emphasis will be on the acquisition of four skills: listening, speaking, writing and reading comprehension in Spanish.

Prerequisite: Spanish 1 with a C or better.

## Spanish 3

This class is structured to emphasize all four aspects of language learning: reading, writing, speaking, listening and understanding with heavy emphasis on meaningful communication. This course is the equivalent of a second-year college course. Therefore, this class will be conducted by the teacher in Spanish 90% of the time.

Prerequisite: Spanish 2 with a C or better.

## American Sign Language 1

There are over one million people in America that use American Sign Language as their primary language. Many more speak it as a second language. In the first year of American Sign Language (ASL) taught here at Faith Bible, we provide a foundational understanding of the language starting with the alphabet and progressing into Deaf culture study. The students will learn the basics of ASL communication, thereby improving their

social mobility. Further, in contrast to the general public reactions to deafness, proper etiquette when interacting with the deaf community will be presented and discussed.

## American Sign Language 2

Students will continue expanding on the concepts taught in ASL 1. As we study the language further, we will become more focused on using ASL as our primary mode of communication in the classroom. Participation in the Christmas and spring concerts will also be required at this level. Topics covered will include storytelling and its role in preserving Deaf culture.

Prerequisite: ASL 1 with a C or better.

## American Sign Language 3

In the third year of ASL, students will acquire name signs as they continue to build awareness of the Deaf community. They will also play a big role in planning the Christmas and spring concerts for themselves and ASL 2. The expectation that ASL is the primary mode of communication will continue. In this class, students will learn more about careers related to ASL and will also study other sign languages used in different countries.

Prerequisite: ASL 2 with a C or better.

## Japanese 1

The fundamentals of Japanese reading, writing, listening and speaking will be taught in an interactive atmosphere. All 3 character sets will be introduced: hiragana, katakana and kanji. Aspects of the Japanese culture will also be taught through field trips and guest speakers. By the end of the year, students will be able to introduce themselves to a native Japanese speaker,

order Japanese food, read simple manga, and write letters- all in Nihongo!

## Japanese 2

Students who have taken and passed Japanese 1 may enroll in Japanese 2 where the study of everyday conversation will continue. In addition to lessons from the textbook, students will be applying their reading and writing skills to understanding simple verses from the Bible in Japanese as well as studying song lyrics and performing short skits. The class will be exposed to many aspects of the Japanese culture and food through field trip opportunities and guest teachers. Reading and writing skills will be expanded through the study of kanji. Opportunities to apply what they have learned will include hosting short term high school students from Japan and possible pen pal interactions.

## Required Electives

### Freshman Computer

This class provides students with the basic computer skills needed for high school. Subjects include collaboration, vocabulary, word processing, spreadsheets, presentations, and basic computer programming, using real-world tasks and examples. This course is primarily project-based.

### Health

The purpose of this class is to present the Bible as the foundation for a healthy lifestyle. This class will deal with the integration of the physical, mental, social, and spiritual dimensions of life. The motivation for healthy living will come from Jesus' declaration of the greatest two commandments in Mark 12:30-31: "Love the Lord

your God with all your heart, with all your soul, with all your mind, and with all your strength.....Love your neighbor as yourself.” Course goals include developing a knowledge of health/science pertaining to the human body; a desire for spiritual health; a desire for learning; a healthy lifestyle in each area of life; an attitude of respect for the human body, respect for others and respect for the environment God has created; and an attitude of responsibility for actions, attitudes and thoughts.

## Speech

A recent survey reports that 75% of Americans have glossophobia, the fear of speaking in public. Thousands of people who thought they would never speak in public are doing just that today. They may not be in front of a huge auditorium speaking to thousands of people. Few of us ever do just that. But, they may be speaking to a Bible study group in their church, or teaching in a classroom, or leading training sessions at work. Public speaking is about speaking to big groups and small groups, at school, in church, at work, or in the community. Training in public speaking this semester will help you develop speaking skills, gain confidence, develop research and organization skills, and listen intelligently. Speech class is a performance-based course designed to help students improve their speaking. Students will have a variety of experiences to practice and receive feedback on their public speaking skills, to gain skill, confidence, and fluency in public speaking.

## Physical Education

### Summer P.E. (starting Summer 2020)

Summer Physical Education is a great way for high school students to engage in a healthy and active lifestyle. During this summer program students will learn and grow in the area of fitness training, a variety of lifetime sports, outdoor activities, and some great day trips that will not only help you to pursue your physical education credit but also add to the excitement and memories of summer.

### Dance Survey

This one semester course will be a survey of Broadway, hip hop, jazz, and contemporary dance styles. This course will be offered 7<sup>th</sup> period and students may take this in either the fall or spring semester (or both). The course will be taken at *New Vision Dance Studio* next door to FBHS and each semester counts as ½ P.E. credit.

## Electives

### Psychology

This is an elective course designed to introduce students to the world of psychology (the scientific study of the human mind and behavior) and its basic schools of thought. The world of psychology essentially attempts to answer the question, "Why do people do what they do?". The curriculum is largely based upon the American Psychological Association (APA) recommended scope and sequence standards for a high school psychology course and incorporates a biblical worldview. The class is also designed to give students a

better understanding of their own thoughts, feelings, behaviors, and development as well as that of others. However, students also learn that there are no simple answers to complex questions about human behavior.

### Introduction to Engineering Design (STEM)

This course is primarily a study of the engineering design process. Students will use research, teamwork, and critical thinking skills to create solutions to engineering problems. Students will learn engineering standards and terminology as well as technical documentation as they develop an understanding of the design process. Specific skills they will learn over the course of the year include: sketching, measuring and modeling, statistical analysis, presentation delivery, and reverse engineering. The second half of the year is dedicated to learning and using 3-D modeling software (Autodesk Inventor) to create design solutions. This class can be taken for credit at the Oregon Institute of Technology (2 credit hours).

### Introduction to Principles of Engineering (STEM)

Principles of Engineering (PoE) is designed to allow students to experience a broad range of engineering topics while exploring specific engineering careers and preparing for college engineering courses. Students will use activities and projects to develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Specific topics include mechanisms, strength of structures and materials, and automation. Students will end the year with a team robotics project.

## Finding God in Science

Students will reach a well thought out and researched understanding of complex topics that involve science, and gain the tools to continue this process for topics not discussed. We will use the Bible, scientific studies and papers to guide the discussion. Consensus of thought is **NOT** a goal. The student will be expected to actively engage each topic and come to a conclusion consistent with his/her world view. Discussion and written papers will be the main form of demonstrating this. Civil conversation and debate is expected.

## AP Computer Science Principles

This course involves broad ideas behind computing such as algorithms, data, programming, cyber security and more. It is equivalent to an introductory college-level course in computing. This course is good for a “big-picture” view of computing.

## AP Computer Science A

This course emphasizes problem-solving using the Java programming language. “Lab” projects are a key component of this class. This course is good for those who may choose a career in software, web design, or engineering.

## Computer Applications for Business

Students will be challenged to take their understanding of computer software and apply it to a real life business environment. Throughout the year students will be developing a business from concept to turn-key, creating a business plan, website, marketing pieces and prototypes. We will cover concepts of financials, investments, market tests and concept development. At the conclusion of the year the students will present

their businesses before investors. This class is designed to give real life application to computer skills and understanding.

## Choir

In this course, the major emphasis is on vocal development, music comprehension and the study of a variety of choral repertoire. Students perform at concerts and local festivals and are encouraged to participate in solos and ensembles. This class is for anyone who wishes to use their voice in song to the glory of God. Course objectives include learning vocal technique, basic music theory, and the aspects of rehearsal and performance; becoming strong sight singers; and developing musicianship.

## Drama/Theater

This is a class which will expose students to different styles of performance art in an effort to build confidence, poise, and performance for the participants. Students will be expected to participate not only in class activities, but will be expected to attend all performances given throughout the school year. Many of the following subject areas will be covered in depth through the course of the year: improvisation, character analysis, performance, monologues, voice and breath control, audition/interview skills, costumes/props, team work, play production, play reviews, history of theater, and acting techniques.

## Art 1

In this class we will be exploring the foundational concepts of art. We will study these concepts by creating art pieces that challenge what we have learned and to execute the skills that have been taught. Art 1

will cover color theory, composition, introduction of new mediums as well as the technique to use those mediums. We will be exploring various types of art from watercolor to 3D installations.

## Art 2

Now that you have a strong foundation with color theory and composition we will be kicking it up a level. You will have more freedom to explore different mediums and art styles. You will be challenged to not just create art, but to tell a story, evoke emotion and to get your viewers involved in your art.

## AP Art

This course is an independent study in which a student, who has completed Art 1 & 2 and shows exceptional ability, works in connection with the art teacher to build a portfolio. This portfolio has specific requirements that must be met in order to be submitted to the Advanced Placement College Board.

## Communication Arts

Communication Arts is a collaboration of graphic design, film and art. As a class we will explore each art expression to create clear and dynamic works of art. We are exploring how art can communicate a message and impact people. Communication Art is based on a committee meaning that we get to pick our focus and we are going to be working on throughout the year. Some students will be working on creating a film, while others are designing posters in Illustrator.

## Yearbook/Photography

We will have the honor to create the yearbook that every student will pour over for years to come. It's up

to us to design the pages, create the theme, define the layout and create the story. You will be learning all about photography and how to edit images to make them book ready. You will also learn about graphic design and how composition can create pages that are not only pleasing to look at, but also tell a story. Together we will create a yearbook that is worthy looking at over and over again.

## Home Economics

A practical study and application of the relationship between individuals, families, communities, and the environment in which they live. It draws from a range of disciplines to achieve optimal and sustainable living including: food, nutrition, and health; personal finance; family resource management and planning; textiles and clothing; shelter and housing; consumerism and consumer science; household management; design and technology; food science and hospitality; human development and family studies; communication and extension education (betterment of people and for changing their behavior), and community services, among others. This class will also deal with hands-on activities like cooking and sewing.

## Pep/Jazz Band

This class will serve as an introduction to the rich history of a variety of styles of jazz music including blues, shuffle, ballad, samba and rock. Through ensemble rehearsal, individual practice, as well as performances, the student will gain an understanding and appreciation for this great art form. Emphasis will be placed on not just performance technique, but also rudimentary improvisational skills, musicianship, and a sense of personal accountability. This ensemble is a

skilled effort in which each student is expected to show technical and musical growth throughout this course.

## Rhetoric/Debate

This course builds on the principles learned in Speech and goes more in-depth in the areas of rhetoric and debate. Through research and practice students will become familiar with these styles through instruction, research, and practice. Through the course the student will gain confidence and experience in public speaking, learn to differentiate between fact, opinion, and fact-driven opinion, develop critical thinking skills and the ability to look at both sides of an issue gaining the ability to form logical conclusions, and develop the ability to present oneself in a professional manner.

## Criminal Justice

Criminal Justice is an overview of criminal justice careers (law enforcement, corrections, and legal), the legal justice system, and helps build a better understanding of the agencies and processes involved in the criminal justice system and the development of laws on state, federal, and international levels.

## Sports Management

The purpose of this course is to provide an overview of the sport industry that introduces the student to the basic fundamental knowledge and skill sets required of the sport manager to solve sport business problems. Focus will also be placed on understanding career options in the sport industry and preparing for employment. Students will be trained in areas of coaching and officiating. The course also includes and introduction to sports marketing and communications

and its role in society. The subject includes marketing through sport sponsorships, endorsements, naming rights, licensing, sports media and communications, marketing communications and management, and emerging issues in sports marketing.

## Study Skills

This course is designed to help students develop the inner qualities that support making wise choices in their personal and academic lives. Students will learn different learning styles, personal internal and external distractions and challenged to learn strategies for overcoming these. Emphasis will be placed on personal responsibility, self-management, employing interdependence, emotional intelligence, gaining self-awareness, believing in self, and self-motivation. Students will also learn and apply basic study skills that facilitate becoming engaged lifelong learners.

## Introduction to Woodworking

This course is designed to give students a hands-on opportunity to learn general woodworking practices. Students will expand their knowledge and experience through various projects, lessons, and vocabulary. Students will be expected to learn about and safely use hand tools, power tools, and woodworking machinery. The projects are designed to give students as much experience as possible by using many different techniques and tools. The projects will also cover as many aspects of the building and woodworking industries as is possible in an entry level course. A course fee of \$100-150 is required to cover the cost of a personal set of tools that students will use during the year and keep after the course ends.

## **Registering Online**

Registering for classes is now an online process using the following link: <https://form.jotform.com/tgiesbers/fbhs>.

From this link, there will be a Course Catalog available and a Course Registration Form for more detailed instructions for each specific grade level.