

Richmond Christian School

Middle & High School Course Descriptions

Updated: May 2017

Bible

Year Courses

MS Bible New Testament Survey

This study provides a basic introduction to the structures and themes of the Word of God. As students journey through this fast moving survey, they will discover truths and applications that God placed in each of the 66 books of the Bible.

MS Bible Old Testament Survey

Middle school years are a time when young people begin to make more and more decisions for themselves. This increasing freedom is accompanied by greater responsibility and higher expectations in many areas of life. This course is designed to help students gain God's wisdom and apply it to all kinds of different situations. As students begin to travel through Proverbs, they begin to encounter different choices that they have to make through the middle school years. This course will help young people master the principles of wisdom that God knew they would need to live and become more like Christ.

Faith Essentials

This course is designed to give students the basic tools to jump start their journey of spiritual growth. It will help students to attain a clearer and concise understanding of Salvation, learn how to study the Bible, and recognize the power and purpose of prayer. Students will also learn how to share Christ with the lost and to daily live out their faith and love towards God.

Authentic Discipleship: Principles in Wisdom

This course will teach students both about God and the relationships of life He has created. This course approaches the book of Proverbs topically in two major divisions (1) wisdom defined and (2) wisdom applied to daily living. In this course, each student will understand the definition of true wisdom, recognize the true identity of Wisdom and learning how to become wise as you walk with God.

Semester Courses

World Religions (11th & 12th Grades)

This course will first examine the basic concepts of worldview & morality before embarking on a study of some of the major belief systems throughout the world. The course is divided into two segments, the first of which focuses on major western religions including Christianity, Judaism, and Islam. Following that, eastern religions including Buddhism and Hinduism will be explored. The course will conclude with the growing segment of society that is choosing to reject religious practices and embracing secular and humanistic ideologies.

Christian Ethics (11th & 12th Grades)

This course is an introduction to the history of ethical theory and its application to dealing with current social issue that we face in today's world. This course will integrate major philosophical positions in ethics with current issues relating to these theories as well as promoting practical application through personal decision making with debates on the pros and cons of different social issues. Upon completion of this course, students will have a full understanding of how to apply Biblical Ethics to everyday life. This course will offer discussion groups focusing on how to apply what we believe to real life situations.

Apologetics (11th & 12th Grades)

This course prompts students to be able to both define and defend their worldview, as it examines the questions foundational to building one. While emphasizing the validity of a Christ-centered doctrine, it will also explore other commonly accepted worldviews, and address the fundamental questions with which every worldview should be tested. Students will use a philosophical and logical approach to reasoning as they determine the relevance of moral truth and absolutes, and learn how to confidently express such views to others.

Pauline Epistles (11th & 12th Grades)

This course will focus on several New Testament letters written during Paul's years of ministry. While emphasizing scriptural content, students will also explore the cultural and historical issues which influenced these particular writings. The first and largest section will include the Prison Epistles of Ephesians, Colossians, Philippians, and Philemon. The remainder of the semester will focus on the Pastoral Epistles of I Timothy, II Timothy, and Titus. These writings were foundational to the growth and governance of the early church, and still serve as a model for doctrine and lifestyle in the 21st century.

Missions & Evangelism (11th & 12th Grades)

This course will center on the Christian's biblical mandate to share the gospel as outlined in the Great Commission. Specifically, the course will explore God's heart and call to evangelize the lost, our role as believers in God's plan of Missions, and applying practical ways to reach the local and global community with the gospel message. This course is designed to provide a historical, theological, historical, and practical bases for Christian missions and a life of ministry. Special attention will be given to understanding contemporary issues in missions as well as current ways to do missions.

Church History (11th & 12th Grades)

An introduction to the historical development in theology, liturgy, politics and missions of the Christian Church. This course will discuss the growth of the church beginning in the book of Acts through today. The history will be interpreted through the lens of Scripture with a focus on the teachings of Jesus Christ and the model of the church recorded in the book of Acts. Major events which shaped church history, central doctrines, various Christian traditions and the development of denominations will be included in the course. Students will be encouraged to understand their place in this history and their role in shaping the future of the church according to the teachings of the Bible.

Mathematics

Math Concepts

Math Concepts (formerly Math 7) is designed to develop, reinforce, and master computational and procedural skills taught at the prior levels. Students will also be introduced to basic algebra topics. Topics covered include fractions, decimals, and percents, order of operations, integers, algebraic properties, expressions, equations, and graphing. Students will apply these concepts to problem-solving situations.

Pre-Algebra

This course places emphasis on reinforcing the study of integers, order of operations, variables, expressions, and equations. Students will learn how to solve and graph equations and

inequalities, write and solve proportions, and explore geometry, statistics, and graph concepts. They will apply these concepts to problem-solving situations.

Algebra 1

Algebra is the study of mathematics involving solving for unknowns, analyzing and graphing data, and working with mathematical formulas. Students will use negative and positive numbers to solve basic equations and inequalities. They will develop skills to factor algebraic expressions. Students will also use various strategies to solve and graph systems of equations and inequalities, quadratic functions, exponential functions, and radical functions. Algebraic skills are applied to real life problems.

Geometry

In this course, students will study topics such as congruence and similarity, and they will develop skills in reasoning and problem solving. They will apply properties of lines, triangles, quadrilaterals, and circles. Basic trigonometry functions are introduced and applied to solve for right triangles. Special right triangles are studied in order to solve right triangles. Students will use the concepts of length, perimeter, area, circumference, surface area, and volume to solve real world problems.

Algebra 2

Algebra 2 is the study of higher mathematics involving complex equations and inequalities. Graphing is used to solve systems of equations, as well as matrix math. Systems of equations are solved using various strategies, with solutions involving real, imaginary, and complex numbers. Inverse, joint and combination variations are examined as well as radical functions and relations. Exponential functions and relations are studied, along with rational functions and relations. Basic trigonometry functions are introduced and used to solve triangles.

Algebra 2/Trigonometry

Algebra 2/Trigonometry differs from Algebra 2 in that trigonometry is examined in depth. All aspects of trigonometry are examined, and all triangles are solved as well as relationships between the various trig functions. The radian circle is studied in relationship to triangles, and used to solve for various problems.

Pre-Calculus

Pre-Calculus expands on the student's knowledge and application of algebraic and trigonometric concepts, and begins to organize these disciplines in a manner that will prepare the student for a future study of Calculus. Students will explore major units of relations, functions & graphs, as well as trigonometry, advanced functions, and discrete mathematics. Such instruction allows students to take on a more advanced study and appreciation of God's creation, and the abilities he has given people to make technological advances.

Calculus

Calculus is a graphing intensive course which requires students to apply advanced algebra and trigonometry concepts. The course will be divided into 2 major sections, with the first semester focusing on limits and derivatives, and the second semester dedicated to integration and the practical applications which utilize this concept. Calculus requires disciplined commitment from the student. Homework and additional practice of concepts will require an additional 5 -10 hours weekly outside of class to succeed in the course.

English

English 7

The seventh-grade student will continue to develop oral communication skills and will become more knowledgeable of the effects of verbal and nonverbal behaviors in oral communication. The student will continue to read a wide variety of fiction, nonfiction, and poetry while becoming more independent and analytical. The student will continue to refine written composition skills, with special attention to word choice, organization, style, and grammar. Written explanations will utilize informational writing skills. The student will continue vocabulary development through a study of figurative language and continuing study of roots, affixes, and cognates. Knowledge of the informative/persuasive techniques of media messages will be studied. The student will apply research techniques to gather, organize, and communicate information, properly citing sources. The student will also demonstrate correct use of language, spelling, and mechanics by applying grammatical conventions in writing and speaking.

English 8

The eighth-grade student will learn and apply interviewing techniques developing and delivering oral presentations in groups and individually. The student will demonstrate correct use of language, spelling, and mechanics by applying grammatical conventions in writing and speaking. Students will evaluate, analyze, develop, and produce media messages. The student will plan, draft, revise, and edit writing, with emphasis on exposition and persuasion. The student will apply reading and writing skills in all subjects, as well as respond critically to literature. The student will continue development of vocabulary, with attention to connotations and figurative language. The student will continue to develop an appreciation for literary genres through a study of a wide variety of selections. The student will describe themes, make inferences, interpret cause and effect relationships, differentiate between fact and opinion, and draw conclusions from a variety of texts.

English 9

Students will continue to build on skills learned in middle school English. Through the use of Literature, students will become more proficient at comprehension, context clues, inferences, and critical thinking. By utilizing different writing prompts through the use of literature and short stories, students will learn the characteristics and traits of different writing mediums such as: summary, analysis, compare and contrast, and synthesis. Students will continue to improve in the area of academic writing, focusing on the skills in Introductions with strong thesis statements, organization of supporting information, voice and sentence fluency.

English 10

The tenth-grade student will become a skilled communicator in small-group learning activities. The student will examine, analyze, and produce media messages. The student will continue development of vocabulary, with attention to connotations, idioms, allusions, and evolution of language. The student will read and analyze literary texts from a variety of eras and cultures. Attention will be given to the analysis of nonfiction texts. The student will critique the writing of peers and professionals, using analysis to improve writing skills. The student will continue to build research skills by crediting sources and presenting information in a format appropriate for content. Grammar knowledge will be expanded as the student presents, writes, and edits materials, applying the conventions of language.

English 11

Students will continue to build on concepts and skills introduced in English 10. Students will cover American and British authors as well as the historical events that influence the different writing genres including short stories, novels, and poetry. They will strengthen their academic writing skills by continuing to develop their point of view, academic voice, and support through academic credible sources. Students will learn how to orally communicate their arguments and research in a professional and academic manner.

English12

Students will survey literature from different eras in British history including Shakespeare and Jane Austin. Students will make connections between historical events and how it is revealed through literature. Students will continue strengthen skills in retrieving context clues from vocabulary, making inferences within the storyline, creating narratives based on situations through literature. Students will also continue to become for confident in academic writing and how it is represented through different writing assignments to include; summaries, literary analysis, research, and critique writing. They will continue to develop their perspective and opinions based on the mediums covered and be able to verbally communicate their findings in an organized and meaningful manner.

Social Studies

MS US History/Geography Part 1

This course covers the development of America as a world power in the later 1800's to the end of World War II. This will provide students with the knowledge of the events, people, and movements that have helped shape America into the 21st Century. Students will also embark on a detailed study of the geography of the US. Our goal for this class is for students to see US History through the eyes of God.

MS US History/Geography Part 2

This course covers the development of America coming out of World War II and heading through the Cold War and the Civil Rights Movement. This will provide students with the knowledge of the events, people, and movements that have made American what it is today. Students will investigate how the US has, on many occasions, continued to turn their backs on God and how this has divided our nations.

Cultural Geography

The purpose of this course is to provide students with an overview of geography, including an understanding of God's creation and how resources are distributed and need to be stewarded on our planet. In geography, the student will cover a variety of different countries and regions of the world and compare how their cultural features grow and develop.

World History

This course is designed to take students from the beginning with God's creation all the way through into the modern era. The course is broken into four strategic periods: ancient, medieval, renaissance/reformation, and modern. Major events, movements and people from each period will be discussed and assessed.

American History

This course covers the growth of the United States from its foundation through to the present. It covers a variety of cultural shifts and movements, as well as social, economic and political issues which have plagued America throughout its history. These movements and issues will additionally be viewed through a Biblical lens and how the Christian foundation of the United States has allowed for its success and peace.

US Government

This is a senior level course. It is an introduction into the system of government for the United States with a focus on the federal system and branches of the government. The following questions will be covered in the course:

- * What are civic life, politics, and government?
- * What are the foundations of the American political system?
- * How does the government established by the Constitution embody the purposes, values, and principles of American democracy?
- * What is the relationship of the United States to other nations and to world affairs?
- * What are the roles of the citizen in American democracy?

Personal Finance/Economics

The purpose of this course is to introduce students to scriptural principles for financial management. In addition, the primary goal is to improve their financial future by gaining a better understanding of a broad range of personal finance topics, including career related financial decisions, creating a budget, saving for retirement, and using credit wisely.

Science

Life Science

Course Description: The purpose behind this course is for the students to gain an overview of all aspects pertaining to life science, recognizing God as Creator, Designer and Organizer of the universe, and we have been placed in charge of His creation to use it and knowledge gained through it wisely and to convey responsibility of the natural world.

Earth Science

Course Description: The purpose behind this course is for the students to gain an overview of all aspects pertaining to earth science, recognizing God as Creator, Designer and Organizer of the , and we have been placed in charge of His creation to use it and knowledge gained through it wisely and to convey responsibility of the natural world. The Earth Science standards connect the study of Earth's composition, structure, processes, and history; its atmosphere, fresh water, and oceans; and its environment in space. Problem solving and decision-making are an integral part of the standards, especially as they relate to the costs and benefits of utilizing Earth's resources.

Physical Science (Honors Section Available)

This course is a class in which students will study the principals of a biblical world view for interpreting the science and laws of matter and energy that make up the universe; concepts of chemistry and physics that include matter, energy, structure of atoms, chemical reactions, forces, and motion will be studied on a foundational level providing an introduction to the separate and more detailed disciplines of Chemistry and Physics.

Biology (Honors Section Available)

This course is a class in which students will study principles of biological evolution and biblical creationism, importance of a biblical worldview for interpreting science, the cell, the molecular basis of heredity, interdependence of organisms, matter and energy, basic introduction to human body systems and their functions, and organization in living systems and the behavior of organisms.

Chemistry (Honors Section Available)

This course is a class in which students will study the importance of a biblical worldview for interpreting the physical evidence in the universe and theories and laws that govern the structure and properties of matter and energy as they explore conservation and interactions of energy and matter, chemical reactions, the structure of atoms, acid-base chemistry, stoichiometry, solutions, and gas laws, and basic introduction to organic chemistry and nuclear chemistry.

Forensic Science

This course explores the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. It has become a comprehensive subject incorporating Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy and Physiology as well as other aspects of Science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, hair, fibers, and paint, toxicology, arson and explosion investigations, serology, DNA, fingerprints, firearms, document analysis, and an introduction to forensic psychology. The main focus of this course will be to emphasize the evidentiary value of crime scene and related evidence and the services of what has become known as the crime laboratory. This course combines basic theory and real laboratory experiments, creating an experiment based situation for the better understanding of the students.

Physics

Physics explores the interactions between matter and energy, and students will have the opportunity to explore such interactions as they regularly exist in the world and universe around them. They will come to understand the incredible intricacies and orderliness of our universe, and clearly see the hand of God not only as the creator of the universe, but as a grand designer. Classic disciplines such as mechanics, thermodynamics, sound, light, and electricity and magnetism will be covered in depth, and students will also get a glimpse into fields of modern physics.

Anatomy

Human Anatomy is a laboratory-based course that investigates the structure and function of the human body. Topics covered will include the basic organization of the body; biochemical composition; and major body systems along with the impact of diseases on certain systems. Students will engage in many topics and competencies related to understanding the structure and function of the human body, Curriculum topics include basic anatomical terminology, biochemical composition of the human body, and extensive analysis of the major body systems. Students will learn through reading materials, study guides, unit worksheets, group work, projects, video analysis, and labs. Proper use of lab equipment, lab reports, and projects assigned will be the student's responsibility. One of the goals of this course is to prepare students with the skills necessary to be successful in future science classes in college.

Fine Arts

Middle School Art

In this course students will learn how to use a multiple mediums to create a variety of both 2D and 3D works of art. Students will keep a sketchbook journal in which they record new techniques and knowledge as well as weekly sketchbook assignments. Students will review the elements and principles of design and will study works of art throughout history that support those elements and principles. Students will learn how to look at art and critique it using proper terminology. Students will grow in their ability to understand how art is relevant to modern society and can be used to share the gospel.

Introduction to High School Art

In this course, students will learn the basic concepts of art making. They will learn the steps of the design process and the techniques of using a variety of media. Students will incorporate perspective and will apply certain art elements and design principles in their projects. Students will learn to analyze major art movements and artists representative of those movements. Students will keep a portfolio of their work in order to analyze their growth. Students will create both 2D and 3D projects. Students will complete weekly assignments in a sketchbook journal. In addition, students will learn aesthetics and terminology to use when discussing artwork. This course will introduce to students potential careers in visual arts and have the opportunity to view art pieces by historical and modern artists.

Advanced Art- 2D

This class will provide the opportunity for students to refine their knowledge of the 2D arts- painting, drawing, sketching, etc. Students will have many self-directed projects in which they have free choice of media and subject matter. Students will learn how art and culture reflect and influence each other and will have opportunities to create projects closely linked to different cultural eras. Students will be encouraged to identify cultural and experiential influences on their personal styles. Students will learn to analyze and interpret their own work and outside work and build a portfolio to apply to future career choices and personal development.

Advanced Art- 3D

This class carries an honors credit and will provide well-rounded art students with a focus on 3D art. Students will work with media such as clay, printmaking (carving stamps), and stained glass. Students will keep a journal for recording notes on proper terminology and art making processes for the 3D arts. Students will be expected to work creatively and to apply excellent craftsmanship to all projects. Students will present bi-weekly reports on contemporary 3D art forms based on the culture they emerged from. Students will learn proper techniques for safety when using heavy duty art making equipment. Students will develop a portfolio of photos depicting the 3D works that they make and learn proper terminology for analyzing, interpreting, and critiquing 3D art forms.

Middle School Music

Students will continue to build on musical concepts already mastered. The course is divided into four areas: 1) music fundamentals including, musical staff, note, names, pitch, note values, tempo, dynamics, articulation, time and key signatures 2) music history and literature of particular eras in World and US History 3) performance skills such as diction, ear training, sight-singing and performance etiquette and 4) knowledge and recognition of musical genres such as jazz, blues, opera, and musicals and their influences.

High School Choir

Students will offer praise to God with their vocal talents by learning a variety of 4-6 part music, developing sight-singing skills, singing with correct posture, breath control, resonance, registration, tone quality, and diction. Choir members are required to sing in Middle/High School Chapels, RCS Christmas and Spring Concerts, a regional ACSI Choral Music Festival for adjudication, and graduation. The High School Choir takes a Spring Ministry Tour which is highly encouraged. Other off-campus opportunities to share choral music may be available.

Praise Band

This ensemble is for those who have musical talent and skills and a desire to lead the worship time in our weekly chapels. The goal of this group is to develop students not only musically, but spiritually. While the course does work on some skill development, it is advised that students also take private lessons. Rehearsal time does not take the place of music lessons. In addition to learning how to lead, students learn responsibility, self-discipline, working together, and humility. Lasting friendships are made as students work together for a common goal. Focus areas are development of spiritual gifts, training in the heart of worship, stage presence, and building a "Praise Band Binder".

Technology

Middle School Career Exploration (hybrid course taught partially online with our instructor)

In class students will have the chance to explore more than 15 different career areas including energy fields, human resources, the law, transportation, and more. In addition, students will discover which careers they might enjoy the most and which ones might be a good fit for their personalities and giftedness.

Middle School Journalism (hybrid course taught partially online with our instructor)

In this course students will learn how ask the right questions, look for the details, and find the story in any situation. They will learn how to gather information effectively, organize ideas, format stories for media production, and edit your articles.

Middle School Technology

In this course, students will become familiar with the basic principles of a personal computer and networking, including the internal hardware, the operating system, and software applications. Students will gain practice in using key applications such as word processors, spreadsheets, and presentation software, as well as understanding social and ethical issues around the Internet, information, and security.

This is a two-semester course package. In the first semester, the focus is on computer hardware and simple networking. In the second semester, the focus is on the fundamentals, learning and using the applications, and understanding the basic roles and responsibilities of the software, hardware, and operating system.

Advanced Technology

This course provides a more in depth study of computers and computer networking. This is a two semester course and the first semester covers computer hardware, principles of computer operations, operating systems, representing data digitally, computer algorithms, the World Wide Web and digital security.

The first semester will concentrate on the CompTIA A+ 220-901 exam requirements; while the second semester will concentrate on the 220-902 exam requirements. Upon completion of this course students should be ready to complete the CompTIA A+ certification process.

The second semester will include networking for home and small businesses. The focus is on network terminology and protocols, local-area networks (LANs), wide-area networks (WANs), cabling, cabling tools, routers, router programming, Ethernet, internet Protocol, (IP) addressing and network standards. The course will culminate with a hands-on design of a computer network.

Foreign Language

Exploring Spanish (Grades 7 & 8)

Students will continue to build on their elementary Spanish skills in this introductory level course. This course is designed to prepare students for high school Spanish which involves conjugating verbs and forming complete sentences. Vocabulary will be introduced to help form these sentences. Students will also learn about the cultural holidays and celebrations in the Spanish-speaking countries.

Spanish I

This beginning Spanish course explores a wide range of vocabulary and basic grammar structures. Students are encouraged to use descriptive adjectives, express likes and dislikes, and learn to ask and answer questions. Students will be introduced to cultural perspectives on topics relevant to Spanish-speaking countries. There will also be many chances to learn Bible verses to be able to possibly share the Gospel with a Hispanic person.

Spanish II

Students will review regular verbs in the present tense from Spanish I. Students will learn more categories of verbs, such as “boot verbs”, irregular yo and reflexive verbs. The past tense of verbs will be introduced as well. Students will demonstrate they can use their Spanish in a variety of ways: for example, a restaurant setting or in an interview.

Spanish III

This course will review the many verbs students learned in both Spanish I and II. Then more advanced grammar structures will be introduced such as the future, conditional and perfect tenses. Students will be able to read, discuss and answer comprehension questions in the Spanish language. Memory verses support the goal of being able to share the Gospel in Spanish.

French, German, and Latin are offered online through partnership with SevenStar.

Physical Education

7th Grade PE/Health

This course is based on empowering students by teaching them skills that will allow them to participate in various sports in order to maintain a high level of fitness throughout their lifetime. The program involves team sports, lead-up games, rules, fitness activities and individual sports units which stress the importance of life-long fitness. Through these activities, the students learn the importance of fair play and cooperation which are important life skills necessary for success and spiritual development. In addition, basic principles of living a healthy God-honoring lifestyle are incorporated through lessons and activities on personal hygiene, nutrition, and body systems.

8th Grade PE/Health

This course focuses on equipping students with knowledge in various sports so that they can play an active role in their development of skills which enhance their lifestyle and fitness level. The program involves team sports, lead-up games, rules, fitness activities and individual sports units which stress the importance of life-long fitness. They are challenged in all domains, physical, affective and cognitive. Through these activities, the student learn the importance of fair play and cooperation which are important life skills necessary for success in future endeavors and spiritual development. In addition, basic principles of living a healthy God-honoring lifestyle are incorporated through lessons and activities on personal hygiene, nutrition, fitness and wellness.

Advanced PE

This course will allow students to develop knowledge in both theoretical and practical applications of weight training and conditioning, organization, methods, and techniques involved in teaching and coaching of athletes and team sports.

High School Health/Driver's Education

Students will integrate a variety of health concepts, skills, and behaviors to plan for their personal, lifelong health goals. These include awareness and consequences of risky behaviors, disease prevention, overall wellness, and identification of community health resources. Students will demonstrate competence in their knowledge and skills. They see themselves as having an active role in creating a healthy lifestyle for themselves, for their families, and for the community. They serve the community through the practice of health-enhancing behaviors that promote wellness throughout life.

Driver literacy is an important life skill. The classroom and in-car driver education standards are intended to help students develop conceptual understanding of safe driving practices and skill-based performance. The standards also stress the abilities to reason and connect safe driving skills with safe driving attitudes. Emphasis is placed on linking the skills of visual search, managing time and space, and maintaining vehicle balance. Significant attention is given to awareness of risks, maintenance of alertness, driver distractions, and protection of occupants.

Electives (hybrid courses, digital/online platform with our instructor)

*These courses **may** have an additional minimal cost not to exceed \$100 per course.

*Students may only choose 1 course per cluster.

Business Cluster

Hospitality/Restaurant Management: Students will be introduced to a thriving industry that caters to the needs of travelers through managing hotels, restaurants, cruise ships, resorts, theme parks, and any other kind of hospitality you can imagine. Operating busy tourist locations, creating marketing around the world of leisure and travel, spotting trends, and planning tasteful events are just a few of the key aspects you will explore in this course as you locate your own career niche in this exciting field.

Restaurant Management will show students exactly what's needed to run a successful restaurant, including ordering supplies, hiring quality workers, maintaining inventory, and managing a large staff. Understanding such concepts as food safety, hygiene,

customer relations, marketing, and using a point-of-sale system are crucial to being an effective restaurateur. Whether they are hoping to operate a casual sit-down eatery, oversee a fine dining establishment, or buy a food franchise, this course is the perfect first step.

Introduction to Engineering: This course explores the different branches of engineering and how problem-solving, sketching, collaboration, and experimentation can change the very fiber of our human lives. This ever-increasing knowledge can also lead to serious ethical dilemmas and the need to discuss where the boundaries of science lie.

Marketing: In Advertising and Sales Promotions, students will see how marketing campaigns, ads, and commercials are brought to life and they will meet some of the creative folks who produce them. You'll learn about different marketing career opportunities and discover ways to be part of this exciting, fast-paced industry.

Cosmetology: In Cosmetology, students will learn all about this often entertaining field and how specialized equipment and technology are propelling our grooming into the next century. Just like all careers, cosmetology requires certain skills and characteristics, all of which are thoroughly explored in this course. Students will learn about various beauty regimes related to hair, nails, skin, and spa treatments, and discover how to create their own business model quickly and efficiently while still looking fabulous, of course.

Fashion Design: Explore the world of design and begin to understand the background and knowledge needed to develop a career in this exciting field. Students will try their hand at designing through a project-based process, learning how color, composition, and texture can all affect great aesthetics. You'll develop the essential communications skills necessary to build a successful business and begin to develop the kind of portfolio that will lead to future career opportunities.

Applied Sciences Cluster

Biotechnology: students will learn how this field seeks to cure such deadly diseases as cancer and malaria, develop innovative medicine, and effectively feed the world through improved systems. Learn about the history of biotechnology and some of the challenges it faces today, such as resistant bacteria and genetically modified organisms in food. You will research new biotechnologies and understand firsthand how they are forever changing the world we live. Students will learn biblical implications for Christians working in this field.

Veterinary: will show students how to care for domestic, farm, and wild animals and diagnose their common diseases and ailments. Learn how different veterinary treatments are used and developed to improve the lives of animals and, as a result, the lives of those people who treasure them.

Health Sciences: provides the answers to questions like, "How close are we to finding a cure for cancer?" and more as it introduces students to such health science disciplines as toxicology, clinical medicine, and biotechnology. Understanding the value of diagnostics and research can lead to better identification and treatment of many diseases, and by learning all the pertinent information and terminology students can discover how this

amazing field will contribute to the betterment human life in our future.

Social Sciences Cluster

Sociology: Students will look at how social institutions like families, religion, government, and education shape our world and how collective behavior and social movements can create change. Although the reality of the battles isn't always pretty, gaining a clearer picture of the different sides can help you better understand how our lives are shaped by entertainment, social institutions, and social change.

Psychology: In this two part course, students will trace the development of personality and behavior from infancy through adulthood. They will come to learn more about perception and consciousness and better understand the role of the five senses in understanding what motivates people and how they think and behave.