

# Middle/High School Course Catalog

(updated Feb. 2020)

The following is a description of courses RCS offers. Availability of courses each year is determined by staffing and other factors. To see the list of courses offered for the upcoming year, see the **Course Projection Check Sheet**.

NOTE: High School course credit and pre-requisites are written in parentheses after each title.

## Bible 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.

### **Dynamics Of Christian Leadership 1 (DCL 1) (1.0 credit, none)**

Have you ever seen a "hollow" Christian? You may know the type- the kind of student who does the right things and avoids most of the wrong things, but only because of a few external rules or restraints. As soon as those are removed, this Christian's behavior changes to match. There's simply no inner desire to walk with God. What we do is important, but God wants our knowledge of Him to change what kind of person we are.

This course is designed to develop character and maturity within each student. The lessons will present a view of a true leader, one that grows only by God's grace.

### **Dynamics of Christian Leadership 2 (DCL 2) (1.0 credit, DCL I)**

This course is designed to build spiritual leadership principles in students' lives. In this study, students will read a complete version of J. Oswald Sanders' *Spiritual Leadership*, which presents God's view of a true servant-leader. Students will learn about the lives of Joshua and Nehemiah and how they accomplished God's work. Students will discuss the standards and qualities of Leadership and will learn what the price of leadership is all about.

## Semester Courses

### **World Religions (11th & 12th Grades) (0.5 credit, *Dynamics of Christian Leadership II*)**

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) (0.5 credit, *Dynamics of Christian Leadership II*)**

This course is an introduction to the history of ethical theory and its application to dealing with current social issues 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) (0.5 credit, *Dynamics of Christian Leadership II*)**

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) (0.5 credit, *Dynamics of Christian Leadership II*)**

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) (0.5 credit, *Dynamics of Christian Leadership II*)**

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, 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) (0.5 credit, *Dynamics of Christian Leadership II*)**

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 (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, percent, order of operations, integers, algebraic properties, expressions, equations, and graphing. Students will apply these concepts to problem-solving situations.

### **Pre-Algebra (Math 7)**

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 (1.0 credit, Pre-Algebra)**

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 (1.0 credit, Algebra 1)**

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 (1.0 credit, Geometry)**

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 (1.0 credit, Geometry)**

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 (1.0 credit, Algebra 2)**

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.

### **AP Calculus (1.0 credit, Pre-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. Students must take the AP Calculus exam at the end of the course to receive AP credit.

## **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 (English 7)**

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 (1.0 credit, *English 8*)**

Students will continue to build on skills introduced in English 8. 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 (1.0 credit, *English 9*)**

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.

### **AP English Literature and Composition (1.0 credit, *Honors English 10 & instructor permission*)**

The AP English Literature and Composition course focuses on reading, analyzing, and writing about imaginative literature (fiction, poetry, drama) from various periods. Students engage in close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, and symbolism. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works.

### **English 11 (1.0 credit, *English 10*)**

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.

### **AP English Language & Composition (1.0 credit, *Honors English 11 & instructor permission*)**

The AP English Language and Composition course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to develop evidence-based analytic and argumentative essays that proceed through several stages or drafts. Students evaluate, synthesize, and cite research to support their arguments. Throughout the course, students develop a personal style by making appropriate grammatical choices. Additionally, students read and analyze the rhetorical elements and their effects in non-fiction texts, including images as forms of text, from many disciplines and historical periods. This course serves as the Honors level course for English 11.

### **English12 (1.0 credit, *English 11*)**

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 1 (1.0 Credit, *none*)**

A general survey of the personalities, events, and civilizations of world history, this course covers the pre-literary age up to the Renaissance. Students learn to describe, compare, and contrast past civilizations and their accomplishments. Students gain an understanding of assumptions and presuppositions that frame our understanding of history.

### **World History 2 (1.0 credit, *World History 1*)**

A survey of modern world history, this course begins with the Renaissance and concludes with present affairs. Students are exposed to various dimensions of the story of world civilization, focusing primarily on western political, economic, religious, military, and social history.

### **U.S. History (1.0 Credit, *World History 2*)**

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.

### **U.S. Government (0.5 Credit, *U.S. History*)**

In U.S. Government, students will learn about the different forms of government, how governments came about and what they do, and how government functions in the United States. Federal, state, and local governments will be covered, particularly that of Virginia. The students will be taught the value of responsible citizenship.

### **Personal Finance/Economics (0.5 credit, taken concurrently with U.S. Government)**

Students will learn how to write checks and balance checkbooks, as well as how to correctly write a resume and cover letter. Other topics that will be covered include: the importance of credit scores, interest rates for loans and savings accounts, how to purchase cars/homes/other major purchase, and how to protect their identity.

## **Science**

### **Life Science**

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**

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 (1.0 credit, *none*)**

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 (1.0 credit, *Physical Science*)**

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.

### **Meteorology (1.0 credit, Earth Science)**

Throughout the semester, students will be collecting weather data from here at school, as well as select locations across Virginia and the United States. This will culminate in a digital (Power Point) weather report, similar to television news broadcasts. There will be a variety of projects/dioramas throughout the semester, and well as tests and quizzes throughout each unit. Units include weather in the Bible, difference between weather and climate, high pressure and low pressure, warm fronts vs. cold fronts, thunderstorms, tornadoes, how ocean currents impact weather, El Nino and La Nina, the hydrologic cycle, snowstorms and blizzards, how mountains impact weather, weather in Virginia, different weather models, hurricanes and hurricane formation, cloud formations.

### **Chemistry (1.0 credit, Biology)**

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 (1.0 credit, Chemistry)**

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 (1.0 credit, Chemistry)**

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 (1.0 credit, Biology)**

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 (1.0 credit, none)**

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 (1.0 credit, Intro. To High School Art)**

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 (1.0 credit, Intro to High School Art)**

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 (1.0 credit, none)**

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 (1.0 credit, none)**

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 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.

### **IT Fundamentals & Office Essentials (1.0 credit, none) (RCS 0981)**

This course provides an innovative and effective way to practice using Microsoft Office applications and learn the basics of computer technology. Simulated labs help students acquire and retain the basic skills they need to become proficient in Microsoft Word, Excel, PowerPoint, Access, and Outlook. The course is also designed to prepare students for the following Microsoft Office Specialist exams & certifications: TestOut Client Pro

- MOS Word 2016 Core (Exam 77-725)
- MOS Excel 2016 Core (Exam 77-727)
- MOS PowerPoint 2016 (Exam 77-729)
- MOS Access 2016 (Exam 77-730)
- MOS Outlook 2016 (Exam 77-731)

### **IT Fundamentals & Computer Hardware Essentials (1.0 credit, none) (RCS 0982)**

This course is designed to prepare you to pass the CompTIA A+ certification. This certification measures not just what you know, but what you can do. It measures students' ability to install, manage, repair, and troubleshoot PC hardware and Windows, Linux, and Mac operating systems.

- TestOut PC Pro
- CompTIA A+ 220-1001 (Core 1)
- CompTIA A+ 220-1002 (Core 2)

### **IT Fundamentals & Windows Essentials (1.0 credit, none) (RCS 0983)**

This course focuses on teaching configuration tasks performed on the client computer by a desktop administrator in a business environment. This course prepares students for Microsoft's Installing and Configuring Windows (70-698) and Configuring Windows Devices (70-697) certification exams. Completing this course effectively prepares students to earn their MCSA: Windows 10 certification.

### **Advanced Technology (0.5 credit, none) (RCS0985)**

This course prepares students for CompTIA IT Fundamentals (FC0-U61) certification exam. Students considering careers in information technology will use multiple learning formats to acquire foundational concepts, knowledge and skills.

### **INFT 241 (CSB 3241) – CompTIA A+: Computer Hardware and Operating Systems Certification (0.5 credit, none) (RCS 0986)**

This course will introduce hardware, software, operating systems, and trouble-shooting. Students will learn basic skills in building and trouble-shooting computers, installing/configuring operating systems, and basic networking.

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D

### **INFT 110 (CSB3110) – Computer Concepts & Applications (PC) (0.5 credit, none) (RCS 0987)**

This course will introduce the student to the operation and use of computers. Specific applications taught include operating systems, word processing, spreadsheets, and presentation software. In addition, students will learn basic terminology and concepts related to the use of computers in today's society.

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/C/D

### **INFT 126 (CSB 3126) – Adobe InDesign – Intro (0.5 credit, none) (RCS 0988)**

This course will introduce the student to Adobe InDesign. Specific skills taught include creating, editing, and publishing a created document to various media formats.

- College Credits: 1
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D

**INFT (CSB 3127) – Adobe Photoshop – (0.5 credit, none) (RCS 0989)**

This course will introduce the student to Adobe Photoshop. Specific skills taught include creating, editing, and publishing digital content, including photos, images, and effects.

- College Credits: 1
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D

**Computer Network Essentials (1.0 credit, RCS 0982) (RCS 1080)**

This course prepares students for the CompTIA N10-007 certification exam. Students gain the knowledge and skills they need to install, configure, and maintain a network for a small business.

**Linux Essentials (0.5 credit, RCS 0983) (RCS 1081)**

This course helps students prepare for certification and become proficient Linux command-line interface users. After completing this course, students are prepared to take CompTIA's Linux+ XK0-004 exam. Students gain experience with hardware & system configuration, system operation & maintenance, security, automation & scripting, and troubleshooting & diagnostics.

**Microsoft Server 1 (0.5 credit, RCS 0983) (RCS 1082)**

This course prepares students for Microsoft's Installation, Storage, and Compute with Windows Server 2016 certification exam (70-740). Through this course, students gain valuable experience with installation, storage, and OS features and functionality available in Windows Server 2016.

**Microsoft Server 2 (0.5 credit, RCS 1082) (RCS 1083)**

This course prepares students for Microsoft's Networking with Windows Server 2016 certification exam (70-741). Through this course, students gain valuable experience with networking features and functionality available in Windows Server 2016. It covers DNS, DHCP, and IPAM implementations, in addition to remote access solutions, such as VPN and Direct Access. It also covers DFS and BranchCache solutions, high performance network features and functionality, and implementation of software-defined networking (SDN) solutions, such as Hyper-V Network Virtualization (HNV) and Network Controller.

**CSIS 100 (CSB 3100) – Intro to Information Sciences & Systems (0.5 credit, none) (RCS 1084)**

This course examines the design, selection, implementation, and management of enterprise Business solutions. The focus is on identifying critical business processes and envisioning how technology can be developed to provide solutions which generate competitive advantage. Students learn how applying frameworks and strategies around the Business Process and Organization Strategy provide a competitive advantage. Topics include MIS and IT fundamentals, Information Systems Management and Using Enterprise Business Applications for competitive advantage.

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: MATH 110 or Math Assessment

### **CSIS 110 (CSB 3009) – Intro to Computing Sciences (0.5 credit, none) (RCS 1085)**

A breadth-first introduction to the computing disciplines, with an emphasis on computer ethics and how computing technology impacts the world. Topics include computing history; discrete mathematics; computer architecture and organization; algorithm design; languages; compilers; operating systems; applications; networks; databases; intellectual property; privacy; free speech; social consequences; computer crime; and codes of conduct. (Formerly CSCI 110)

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: MATH 121 or higher

### **CSIS 111 (CSB 3113) – Intro to Programming (0.5 credit, RCS 1085) (RCS 1086)**

Introduction to structured programming and algorithms with an object-oriented language. Topics include input/ output, flow of control, functions, and an introduction to software engineering. Programming assignments are required. (Formerly CSCI 111)

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: CSIS 110 or ENGR 110 (Minimum grade of C)

### **Network Security Essentials (1.0 credit, (RCS 1080) (RCS 1180)**

This course prepares students for CompTIA's Security+ SY0-501 certification exam. Students learn how to secure a corporate network using a layered security model.

### **Microsoft Server 3 (0.5 credit, RCS 1083) (RCS 1181)**

This course prepares students for Microsoft's Identity with Windows Server 2016 certification exam (70-742). Through this course, students gain valuable experience in managing identities using the functionalities in Windows Server 2016. Students will learn to install, configure, manage, and maintain Active Directory Domain Services (AD DS) as well as implement Group Policy Objects (GPOs). They will also learn how to implement and manage Active Directory Certificate Services (AD CS), Active Directory Federations Services (AD FS), Active Directory Rights Management Services (AD RMS), and Web Application proxy.

### **Help Desk Support 1 (1.0 credit, RCS 0981, 0982 or 0983 – may be taken concurrently) (RCS 1182)**

This course covers the fundamental IT help desk responsibilities, including software installation, networking, and troubleshooting. Learn about removing software from a computer, networking through the command line, joining computers to a domain, and more. In the course students are aides to the Technology Director and will assist them in projects throughout the school.

### **CSIS 112 (CSB 3112) – Advanced Programming (0.5 credit, RCS 1086) (RCS 1183)**

Continuation of CSIS 111. Further development of discipline in program design, especially for larger programs. Introduction of pointers, simple data structures, recursion, internal sort/search methods. Programming assignments are required. (Formerly CSCI 112)

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: CSIS 111

**CSIS 208 (CSB 3208) – Application Programming (0.5 credit, RCS 1085) (RCS 1184)**

Development of computer and programming skills, problem-solving methods, and selected applications. This course provides a broad-based introduction to programming in Visual Basic. Students will learn how to build a program from the design phase all the way through to delivery.

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: CSIS 100 or 110 and MATH 121 or higher

**CSIS 209 (CSB 3209) – C# Programming (0.5 credit, RCS 1184 or 1283) (RCS 1185)**

Development of computer and programming skills using the C# language. Students will learn how to use C# to develop stand-alone applications in an IDE. Advanced concepts, such as database connectivity and web applications will also be examined.

College Credits: 3

- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: CSIS 208 or CSIS 212

**Cisco Network Essentials (1.0 credit, RCS 1080) (RCS 1280)**

This course builds a student's ability to use Cisco networking devices and prepares them for three certification exams: Cisco ICND1 (100-105), Cisco ICND2 (200-105), and the Cisco CCNA composite exam (200-125).

**Ethical Hacking (1.0 credit, RCS 1180) (RCS 1281)**

This course teaches students to be aware of network attack strategies and common countermeasures. EHP prepares students to use various penetration testing tools to analyze networks for vulnerabilities. Knowledge of these vulnerabilities also helps students to understand how to counter these vulnerabilities and improve network security.

**Help Desk Support 2 (Honors) (1.0 credit, RCS 1182) (RCS 1282).**

In this course students take on a leadership role directing, assisting & training Helpdesk Support 1 students. They also work closely with the Technology Director in identifying and completing projects throughout the school.

**CSIS 212 (CSB 3213) – Object-Oriented Programming (0.5 credit, RCS 1085) (RCS 1283)**

A study of the general-purpose, secure, object-oriented, portable programs. This course prepares students to program stand-alone applications. It will cover features such as programming concepts, data types, operators, flow control statements, objects, classes, methods, arrays, and strings. The concept of object-oriented programming is emphasized. Course has additional \$35 fee for course materials

- College Credits: 3
- LUOA High School Equivalency: Fine Art/Career/Technology Elective
- Sub-term Availability: B/D
- Course Prerequisites: CSIS 110, CSIS 208, or MATH 121

## **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 (1.0 credit, *none*)**

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 (1.0 credit, *Spanish I*)**

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 (1.0 credit, *Spanish II*)**

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 offered online through Liberty University Online Academy.**

## **Physical Education**

### **7th Grade PE/Health**

Richmond Christian Physical Education 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.

### **8th Grade PE/Health**

Richmond Christian Physical Education department believes in 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.

**Advanced PE (1.0 credit, none)**

This course includes the theories, organization, methods, and techniques involved in the teaching and coaching of team sports.

**Health (0.5 credit, none)**

Students will demonstrate an understanding of health concepts, behaviors, and skills that reduce health risks and enhance the health and wellness of self and others throughout life.

**Driver's Education (0.5 credit, none)**

This is an on-line course where students gain awareness of the driving task and the responsibilities that accompany it. The students will demonstrate knowledge of traffic laws and regulations that help provide safe and efficient patterns. They learn to identify hazardous conditions and react appropriately to avoid or minimize problems. Students develop an attitude of safe, courteous, and defensive driving.

(Note: 1<sup>st</sup> semester is offered to 10<sup>th</sup> grader; 2<sup>nd</sup> semester is offered to the remaining 10<sup>th</sup> graders and any 9<sup>th</sup> graders who will be turning 15 years and 6 months by August).

**Other Electives**

**Education Honors (1.0 credit, 1 semester as Elem. Aide)**

Education Honors is for Juniors and Seniors who are interested in pursuing Education as a major in college.

**Yearbook (1.0 credit, none)**

This course is designed to teach students the aspects of yearbook design, layout, and production. The students enrolled will be primarily responsible for the development of the school yearbook for the current year.

**Communication (1.0 credit, none)**

Communications is a high school elective course offered to all high school students. The course focuses on the significance of effective communication and the value of improved communication skills. The course will cover communication theory, various methods of communication (with a strong emphasis on public speaking), and the impact of communications in the 21st century.

## **Liberty University Online Academy Courses**

The courses listed below are those approved Dual-Enrollment courses offered in partnership with Liberty University Online Academy (LUOA). Sub-terms are as follows: A is a 16-week course schedule, B, C, and D are 8-week courses that are offered at different times during the semester. See the *Liberty University Dual-Enrollment Information Sheet* for specific dates and information.

### **ARTS**

#### **ARTS 201 (ART 3201) - History of Art I**

This course is a chronological survey of Western art and architecture from Prehistoric times to the 15th century, with the goal of analyzing works of art from a Christian worldview. Emphasis is placed on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/D*

#### **ARTS 202 (ART 3202) - History of Art II**

This course presents a chronological survey of Western art and architecture from the 15th century to the Post Modern Era, with the goal of analyzing works of art from a Christian worldview. Emphasis is placed on vocabulary development with special emphasis on methods of critical analysis of works of art. Students are responsible for maintenance of portfolio assignments. This portfolio will be used for class discussion periodically and turned in at the end of the semester.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/D*

#### **ARTS 205 (ART 3205) - 20th-21st Century Art**

This course presents a comprehensive study of the varied art forms from the beginning of the 20th century to the present, focusing upon the major artists and art movements, including Fauvism, Cubism, Futurism, Dada, Surrealism, Abstract Expressionism, Pop Art, and Postmodernism. The course will entail an examination of how art is disseminated, understood, and at times, misunderstood. Students will read, write about, and discuss essays, criticism, and interviews covering a wide range of media, and visit artists' studios and exhibition venues. Two analytical papers—based upon studies of the visual images focusing on the agency of the image, the social practices and effects of its viewing and the specificity of views taken by various audiences are required.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/D*

### **ARTS 214 (ART 3214) - Art, Culture, and Technology**

This course traces the development of technology starting with genius inventors such as Leonardo da Vinci up to the present, and shows how technology has changed cultures and the art that they produce. The student will learn to raise vital questions on how technology has influenced culture and come to well-reasoned conclusions as to why culture has changed as a result. Through Group Projects the student will learn to work effectively with others in unraveling the complex influences of particular technological advances on culture.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/D*

## **BUSINESS/ECONOMICS**

### **ACCT 211 (CSB 3211) - Financial Accounting**

A study of basic transactions, general ledger accounts, books of original entry, closing and adjusting entry processes, trial balances, financial statements, accounting for assets, liabilities, sole proprietorship, equity, revenues, and expenses.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/C/D*

**Course Prerequisites: MATH 201 or BUSI 230**

### **BUSI 101 (CSB 3102) - Intro to Business**

The student will study all of the major aspects of operating a modern business. Emphasis is given to business practice for both small business and large corporate enterprises.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **BUSI 230 (CSB 3230) - Intro to Probability & Statistics**

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science.

*College Credits: 3*

*LUOA High School Equivalency: Higher Math*

*Sub-term Availability: B/D*

*Course Prerequisites: MATH 110 or Math Assessment*

### **ECON 213 (MAT 3213) - Principles of Microeconomics**

Free market thought will be evaluated from the Christian perspective. The supply and demand model is used to analyze microeconomic issues including market structures, government regulations, labor market, financial market, and international trade.

*College Credits: 3*

*LUOA High School Equivalency: Economics (when taken with ECON 214)*

*Sub-term Availability: B/C/D*

## **CHURCH MINISTRIES/WORSHIP STUDIES**

### **CHMN 201 (CHM 3201) - Intro to Church Ministries**

A practical study of Church Ministry with emphasis given to its biblical foundation, philosophy of ministry, and the various areas of ministry. The ministry is considered as a calling and a career.

*College Credits: 3*

*LUOA High School Equivalency: Bible*

*Sub-term Availability: B/C/D*

## **COMMUNICATIONS/WRITING**

### **SCOM 110 (LAN 3110) - Media and Culture**

A global survey of digital communication (news, information, entertainment), including cultural impact, targeted messaging, collaborative solutions, and trust-relationships between content producers and their participating users. Course focus is on the application of these new forms of media in personal lives, organizations and business.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **WRIT 201 (WRI 3201) - Intro to Creative Writing**

Students will learn the literary components, complexity, and craft of creative writing.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/D*

*Course Prerequisites: ENGL 101*

## **COUNSELING/PSYCHOLOGY/SOCIOLOGY**

### **CCOU 201 (COU 3201) - Intro to Christian Counseling**

This course serves as an introduction to biblical counseling and helping ministry with special attention given to tough issues that pain today's generations, the modern-day search for answers, and the biblical basis for a counseling ministry.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **PSYC 101 (ASC 3101) - General Psychology**

Introduction to Psychology as a scientific discipline concerned with the study of behavior. Consideration will be given to such topics as human development, motivation, emotion, perception, learning, personality, intelligence, measurement and applied areas.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

*\*Subject material may be considered sensitive by some students*

### **SOCI 200 (ASC 3200) - Intro to Sociology**

A study of social theories, their histories, social structures, functions, and conflict emphasizing human, institutional, and group interactions. The course provides an overview of political, economic and other cultural phenomena and methodologies of the results of scientific social research. In addition, it seeks to expand ideas, concepts, theoretical, and practical orientations by utilizing a comparative perspective.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **SOWK 101 (COU 3101) - Intro to Social Work**

Introduction to Social Work and Social Welfare is a course that gives an overview of the field of social work practice. Topics regarding the ecclesiastical beginnings of the profession, additional historical components, the integration of faith and practice, as well as social work values and ethics will be explored.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

## **CRIMINAL JUSTICE**

### **CJUS 200 (CRJ 3200) - Intro to Criminal Justice**

An introductory course covering an overview of the whole criminal justice system in America, including discussion of law enforcement generally, the court systems, correctional organizations, the history of law enforcement in the U.S. and some other nations, and the ethics and philosophy of criminal justice generally.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **CJUS 230 (CRJ 3230) - Criminal Justice Research & Writing**

This course is an introductory course to research in the social sciences, both in traditional and online venues. It covers plagiarism, APA formatting, case briefing, academic writing, formal reporting, and memoranda. A major research paper is required.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/C/D*

## **EDUCATION**

### **EDUC 200 (EDU 3200) - Principles of Education**

Students will examine historical, philosophical, legal, and sociological principles of education. Emphasis will be placed on current issues and terminology in the field of education.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

## **GLOBAL STUDIES/ETHICS/WESTERN CULTURE**

### **CSTU 101 (FNA 3101) - Western Culture**

A survey course which concentrates on the development of Western Culture. It is an integrated study of the visual, performing, and literary arts, and the discipline of philosophy that permeates all the arts. The scope of this course is broad, including the ancient world up to and including the modern world. (Formerly HUMN 101).

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **GLST 200 (GLS 3200) - Intro to Global Studies**

This course is an introduction to understanding the history, principles and foundations of global engagement. Additionally, this course lays the groundwork for an intercultural career and provides principles for engaging the current global environment. (Formerly ICST 200)

*College Credits: 3*

*LUOA High School Equivalency: Bible*

*Sub-term Availability: B/C/D*

### **GLST 290 (GLS 3290) - Cultural Anthropology**

This course will study systems of human behavior and thought for the purpose of improving understanding of people and their relationships. Several case studies will be used to illustrate these systems. (Formerly ICST 300) Credits: 3

*College Credits: 3*

*LUOA High School Equivalency: Bible*

*Sub-term Availability: B/D*

## **GEOGRAPHY/GOVERNMENT/HISTORY**

### **GOVT 200 (HIS 3200) - Constitutional Government & Free Enterprise**

Diverse introduction to political and economic ideas, government institutions, free market processes, public issues, economic policy and political and economic activity, emphasizing the close relationship between a system of limited constitutional government and the free enterprise economy and providing an overview of the Christian worldview with regard to government and economics.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/C/D*

### **GOVT 210 (HIS 3210) - Intro to Political Science**

A comparative survey of the scope, methodologies, and major schools of political science, including its links with history, economics, and other cognate fields.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/D*

*Course Prerequisites: GOVT 200*

## **HEALTH/NURSING**

### **HLTH 105 (HPE 3105) - Intro to Health Professions**

A survey of the health professions and requirements for educational, job and market demands in selected health careers, including health promotion philosophy, goals, history and development.

*College Credits: 3*

*LUOA High School Equivalency: Health/PE*

*Sub-term Availability: B/C/D*

## **MATHEMATICS**

### **MATH 201 (MAT 3201) - Introduction to Probability and Statistics**

Introduction to descriptive statistics and probability, probability distributions, estimation, tests of hypotheses, chi-square tests, regression analysis, and correlation with applications in business and science. (Cross-listed with BUSI 230)

*College Credits: 3*

*LUOA High School Equivalency: Higher Math*

*Sub-term Availability: A*

*Course Prerequisites: MATH 110, Math Assessment, or SAT/ACT*

### **MATH 114 (MAT 3114) - Quantitative Reasoning**

Applying mathematical tools and analysis to practical context, particularly focusing on using proportions and ratios. Basic statistical tools are developed and employed, including graphs, descriptive statistics, the normal curve, the basics of inferential reasoning and investigating correlation. Financial applications are particularly emphasized, as is the use of spreadsheets.

*College Credits: 3*

*LUOA High School Equivalency: General Elective*

*Sub-term Availability: B/D*

*Course Prerequisites: MATH 110, Math Assessment, or SAT/ACT*

## **PARALEGAL STUDIES**

### **PLST 205 (PLW 3205) - Foundations of Law**

An introduction to the theological and philosophical foundations of law, including the Augustinian concept of antithetical thinking; the Creator/creature distinction; the development of higher/natural law thinking; the basis for the distinction between the judicial and prudential methods of analysis; the origins and jurisdictional boundaries of family, church, and state: the schools of jurisprudence; and the biblical basis for the fundamental principles underlying the several courses that comprise the basic curriculum.

*College Credits: 3*

*LUOA High School Equivalency: Fine Art/Career/Technology Elective*

*Sub-term Availability: B/C/D*

## **SCIENCE**

### **PHSC 121 (SCI 3121) – Introduction to Astronomy**

An overview of the principles of astronomy as related to the Solar System for non-science majors.

*College Credits: 3*

*LUOA High School Equivalency: Science*

*Sub-term Availability: A/B/D*