

Course Descriptions-KTA 2022-2023

*** denotes weighted classes

ENGLISH

All English courses cover literature, writing (Journals included), vocabulary skills and a research paper that exhibits formal writing skills and well developed research.

English 9 – English 9 covers world literature via short stories, two novels and Shakespeare’s *Romeo and Juliet*. Descriptive and narrative essays and assessments that correlate to the readings are required. A research paper is required. Grammar skills to assure better writing are covered. **(2 semesters – 1 credit)**

English 10 – English 10 first semester focuses on the aspects of a good speech as well as speech delivery. Students are required to deliver four speech types. The semester exam is a persuasive speech. During the second semester, students will read short stories, Shakespeare’s *Julius Caesar*, and Sophocles’ *Antigone*. Creative and narrative essays and assessments that correlate to the readings are required. A research paper is required. Grammar skills to assure better writing are covered. **(2 semesters – 1 credit)**

The junior/senior level English classes are combined. The classes will alternate between American Literature and British Literature OR between American Literature 1600-1800 and American Literature 1900-present. The sequence will be determined by the material covered in the previous year’s class.

English 11/12 – English 11/12 covers **American literature** is covered from the pilgrim narratives to the modern period in the form of short stories, poetry, and three novels. Expository and narrative essays dealing with the culture and historical events are required. A research paper on an American author/poet and their social impact are required.

English 11/12 covers **British literature** from the oral tradition, to Old English, to the Renaissance, to Romantic period, to Victorian Period, to the modern period in the form of short stories, poetry, and novels. The Shakespeare plays studied are *Taming of the Shrew* and *Macbeth*. Narrative and expository essays as well as assessments that correlate to the readings are required. A research paper on a British author/poet and their social impact is required. **(2 semesters – 1 credit)**

Intensive Writing(Honors) – This class is an elective course designed to tap into a student’s creative imagination. Different approaches to writing are studied and practiced. Four major projects are required. This course cannot be used to make up an English credit. **(2 semesters – 1 credit)**

HISTORY

World History(Offered every 3rd year) – In a world rapidly growing smaller, it is increasingly important that educated people are familiar with the history of the world. Students should be able to

articulate a general chronological framework for World History, and identify the great men and women who shaped the history of our planet. **(2 semesters – 1 credit)**

World History II(Offered every 3rd year) – This is a sequel to World History although can be stand alone as well. This course picks up in the Enlightenment period and extends to modern day. **(2 semesters – 1 credit)**

Geography(Offered every 3rd year) – History and geography are both necessary to help us understand the world around us. History is the study of events in time(what happened and when); geography is the study of space and place(where things happen). The basic tool of history is timeline; the basic tool of geography is a map. One could compare history and geography to a play. History would be the actors and the plot; geography would be the stage on which those actions are played out. **(2 semesters – 1 credit)**

US History(Offered every other year) – Christian students need to study US History so that they can understand the values that have made the United States great and speak out in defense of those values accurately, and eloquently. Students should be able to articulate a general chronological framework for US History, identify the great men and women who shaped US History, and describe crisis moments in US political, philosophical, social, and religious history and the effects that decisions made at those moments had on the development of the nation. *State required.* **(2 semesters – 1 credit)**

American Government(Offered every other year) – The United States is governed by the people. For this reason, it is essential that citizens be educated concerning the government. Students will study the executive, legislative, and judicial branches of the US and Illinois state governments as well as their respective Constitutions. The Constitution tests for both areas will be given. *State required.* **(1 semester – ½ credit)**

Consumer Education(Offered every other year) – This course is designed to prepare students to become a good steward of their money and talents. It includes a brief introduction to the study of economics, but most of the time is spent helping students develop practical money management skills and career development skills. Included in these will be balancing a checkbook, filling out tax forms, preparing and maintaining a budget, maintaining a car, and preparing for job interviews. *State required.* **(1 semester – ½ credit)**

America's Wars: Explorers – 1945 (Not Offered this year)-This course has been developed for Juniors and Seniors desiring an in-depth study of the history of US wars from the colonies to WWII. We will include the French & Indian War, America's War for Independence, War of 1812, Civil War, WWI and WWII. We will evaluate primary source documents through reading, writing and discussion by using many materials including, but not limited to textbooks, novels, original documents and video/audio supplements. **(2 semesters – 1 credit)**

Recent U.S. History(Honors) - This course has been developed for Juniors and Seniors desiring an in-depth study of the history of US wars from the Korean War to present day. We will include the Korean War, Vietnam War, Iraq, Afghanistan and current events. We will evaluate primary source documents through reading, writing and discussion by using many materials including, but not limited to textbooks, novels, original documents and video/audio supplements. **(2 semesters – 1 credit)**

MATHEMATICS

Pre-Algebra – Pre-Algebra is designed to be an introduction to Algebra. Mastery of operations with whole numbers, fractions, and decimals is essential. Besides working with percents, geometric formulas, and exponents, algebra concepts such as integers, equations, and functions will be addressed. **(2 semesters – 1 credit)**

Algebra 1 – The course will include, but is not limited to the following topics: addition, subtraction, multiplication, and division of rational expressions; graphing equations on the coordinate plane; factoring polynomials; properties of real numbers; word problems involving rate, percent, ratio, and probability; as well as solving equations by substitution, elimination, and graphing. **(2 semesters – 1 credit)**

Algebra 2 – Algebra 2 is designed to enhance greater problem solving and quantitative reasoning skills. This course reinforces the basic concepts developed in Algebra 1. Concepts such as solving open sentences, working with linear equations, and polynomials are covered. Factoring, imaginary numbers, quadratic equations, and parabolas are also explored. **(2 semesters – 1 credit)**

Geometry – The major goals of this course are to develop the mathematical training for students to succeed in various fields, to develop a comprehension of spatial relationships, and to think logically and clearly even in nonmathematical situations. Concepts that will be explored include angles, polygons, circles, trigonometric ratios, and constructions. Inductive and deductive reasoning will also be introduced. **(2 semesters – 1 credit)**

Pre-Calculus(Honors)/Dual Credit(KCC) – While this is an upper level math course, it is designed to make the concepts of pre-calculus accessible to the average student. Concepts will also be presented through the context of real-life situations. Polynomial, exponential, and logarithmic functions, as well as trigonometry, linear systems and matrices are among the topics to be explored. *Pre-requisite – Algebra 2. This course requires a 3.0 GPA and instructor approval.* **(2 semesters – 1 credit)**

Consumer Math –(Not offered this year) The major goals of this course are to develop the skills needed to become an intelligent consumer. These skills include planning, shopping for bargains, maintaining the value of possessions, knowing when to borrow, and keeping accurate financial records. Through using these skills, students will see the value of these principles and learn to practice them with proficiency. **(2 semesters – 1 credit)**

Honors Statistics-(Not offered this year) This is an Honors course which uses a college level textbook. This course gives a basic introduction to the fundamental concepts and methods of statistics. Its topics include: basic measures of central tendency and variability, graphical displays, descriptive simple linear regression, elementary probability, the normal and t-distributions, confidence intervals and hypothesis testing. Use of a statistical calculator or graphing calculator is required. *This course requires instructor approval.* **(2 semesters – 1 credit)**

Calculus(Honors)/Dual Credit(KCC)- 1) limits: one sided limits and limits at infinity. 2) derivatives (instantaneous rate of change): graph functions, solve optimization problems and related rates. 3) integration: find anti-derivatives, find area between curves, volumes of cross-sections and volumes of revolution. **(2 semesters – 1 credit)**

SCIENCE

Biology(Offered every other year) – This Biology course provides an in-depth study of the chemical structures and transformations involved in life processes; the cell and its components; cell division; genetics and heredity; plants and fossil plants. The major emphasis of this course provides students with the opportunity to examine intelligently the universe in order to observe that it declares its creation by God. **(2 semesters – 1 credit)**

Physical Science(Offered every other year) – Physical Science will provide an in-depth study of the structure of matter, the scientific approach to problems, the metric system, the uniqueness of water, pollution and conservation, simple machines, nuclear energy, heat energy, light energy, wave phenomena, magnetism, and static charges. Throughout this course, students will observe God's design and order in nature.

(2 semesters – 1 credit)

Anatomy & Physiology– In this course we will begin with the chemical, cellular, and tissue levels of organization. Various organ systems will also be covered including but not limited to integumentary, skeletal, muscular, nervous, and circulatory systems. Focus will be on not only learning the structure, but also the function of the various systems. *This course requires a 3.0 GPA and instructor approval.*

(2 semesters – 1 credit)

Chemistry – Chemistry provides as in depth study of our physical world and the chemical processes involved. Students will investigate the interactions between different substances and realize the predictability of these reactions. They will learn the necessity of attention to accuracy. There will be strong emphasis on chemical formulas, reactions, and stoichiometry. Topics such as scientific measurement, atomic structure, chemical periodicity, and thermochemistry are also covered. *This course requires a 3.0 GPA and instructor approval.* **(2 semesters – 1 credit)**

Physics***– Physics will provide an in-depth study of motion, Newton's laws, thermodynamics, momentum, light, and wave phenomena. Students will focus not only on the concepts of physics, but also on equations and problem solving. Throughout this course, students will observe God's design and order in nature. *Enrollment in or completion of Algebra 2 is required.* **(1 semesters – 1/2 credit)**

BIBLE

Freshman Bible – This course is designed to introduce students to the high school Bible curriculum's more individualized study approach. Students will study the Gospels, the book of Acts, and the Book of Proverbs. They will be expected to interact with s\the Scripture using discussion questions similar to those used in the more advanced high school Bible classes. They will also be taught a very basic unit of Hermeneutics to help them to study the Bible on their own. **(2 semesters – 1 credit)**

Intermediate Bible – This course is designed to build the student’s knowledge of the Old Testament narratives contained in the books of Genesis, Exodus, Joshua, Judges, Ruth, and 1st Samuel. They will be expected to interact with the Scripture using discussion questions. **(2 semesters – 1 credit)**

Advanced Bible – This course is designed to challenge the student who has already studied the Bible sufficiently to have knowledge of most of the Bible narratives commonly studied in Sunday school, and elementary Christian school classes. Students in this class will be challenged to study some of the more difficult, non-narrative passages of Scripture, including the Major Prophets, and the Epistles. They are also expected to participate in the planning and leading of Chapel. **(2 semesters – 1 credit)**

Introduction to Christianity - This course is an overview of the Bible, meant to give an introduction to the Christian faith. Students will learn about The Old Testament and the New Testament, with the focus on Jesus Christ as Messiah. A select chapter of the Bible is reviewed in-depth every week. Weekly assignments include a summary of aforementioned chapter and a memory verse. 8 quizzes will be assigned throughout the year, along with pop quizzes. Videos include The Passion of the Christ, Pilgrim’s Progress, The Chronicles of Narnia. This class is for Internationals. **(2 semesters – 1 credit)**

FINE ARTS

Spanish 1 – This course lays the groundwork in learning the Spanish language. Beginning with greetings and vocabulary, students will progress to verb conjugations and sentence structure. Emphasis on Spanish speaking countries and Spanish culture will also be stressed, including a restaurant trip where students will be communicating in Spanish. **(2 semesters – 1 credit)**

Spanish 2 – This course is a continuation of Spanish 1, in which students will immerse themselves in learning more communication skills while perfecting those skills already acquired. **(2 semesters – 1 credit)**

Spanish 3 – This course is a continuation of Spanish 2, in which students will immerse themselves at an even deeper level. Vocal communication and unique projects make up most of this course. **2 semesters – 1 credit)**

Art – The goal of art is to expose students to various kinds of art, so they can find something they enjoy and are good at doing. Students will see that art is a part of their lives – whether through an understanding of color, through taking photographs, or through appreciating artwork in a museum. Techniques used will be basic drawing, use of color, printmaking, photography, and sculpture. There is also a brief unit on several great artists and their different styles. **(2 semester – 1 credit)**

Eagle Ministries – Students interested in choir need a heart for ministry. Students will be exposed to different aspects of vocal music. They will learn to read music, perform, and appreciate vocal music. Class will include music theory and breathing techniques, performance, drama, and choreography. Performances include the KTA Christmas Program and the Spring Outreach Ministry. *Tryouts are required.* **(2 semesters – 1 credit)**

High School Band – Students continue to develop their expertise in playing their instrument as they work together doing sectionals and as a full band. Individual lessons are an option as well when worked out with the band teacher. **(2 semesters – 1 credit)**

PHYSICAL EDUCATION

Physical Education – Physical Education is integral to a well-balanced educational experience. The Bible clearly promotes an understanding of our physical well-being by describing the human body as the Temple of the Holy Spirit. By promoting the acquisition of basic and complex skills, understanding the body's response to exercise, and monitoring their own personal level of physical fitness, students will develop an appreciation for a lifestyle of physical fitness through healthy choices and physically challenging activities that are both fun and challenging to body, mind, and spirit. **(2 semesters – 1 credit)**

Health (Offered every other year) – This course endeavors to illustrate that our total health means that our behavior matters to our health and to our happiness. We are not just bodies, attacked by germs and waiting for medicines. We are body, mind, and spirit, and that we cannot be truly healthy or truly happy unless we follow the laws of God who made us. Given as a simple guide to bodily health, this course is designed to show that the foundation of good health is developed in the context of right relationships and healthful behaviors. It is a blend of practical knowledge, common sense, and godly principles. It is designed to provide a sound, inspirational guide to good health. *State required.* **(1 semester – ½ credit)**

ELECTIVES

Photography/Yearbook – Students on the yearbook staff are responsible for publishing the school's yearbook. The yearbook is digitally designed and students will work with the Adobe Pagemaker program. The staff will take digital pictures, download and edit, design a layout, and write text. Students will also procure advertisers, sell KTA apparel at sports events, and devote after school hours to completing yearbook assignments. *This course requires a 3.0 GPA and instructor approval.* **(2 semesters – 1 credit)**

Financial Peace University – This is an introduction to financial responsibility and practical lifestyle choices to help all students learn how to live within their means and how to save for the future. This class is required starting with the class of 2026. **(1 semester – ½ credit)**

Introduction to Business – This is a comprehensive introductory business course that provides complete instruction in business concepts and skills students need in today's competitive environment. This course offers extensive coverage in major business concepts, such as Finance, Marketing, Operations, and Management. Students will gain valuable information and skills for the workplace, as well as preparation for success in competitive events. **(2 semesters – 1 credit)**

Introduction to Marketing – This introduces our students to the world of sales and helping to develop the personal skills needed to promote products or an organization. This involves curriculum as well as project based. **(1 semesters – 1/2 credit)**

Sports and Entertainment Marketing – (not offered this year) This elective delves into the vast arena of marketing as it applies to sports and entertainment in the United States. This course gives the latest trends as applicable to the current landscape. **(2 semesters – 1 credit)**

Film Production and Graphic Design – (not offered this year) This course is designed for high school students desiring a working knowledge of how to produce films and graphic media at a professional level for the purpose of Christian ministry. Subjects include scriptwriting, storyboards, camera work, acting, audio recording, video editing as well as designing movie posters and DVD labels. Students will learn these techniques from a Christian perspective. Projects will include individual films and scripts and a final group project of a short film that will be a collaboration of skills learned throughout the year. **(2 semesters – 1 credit)**

Food Service – Students enrolled in Food Services will assist staff personnel with menu preparation, inventory, food preparation, serving meals, and clean up. *Interview and administration approval required.*

Teacher's Aide – The Teacher's Aide position is designed to assist the individual teacher in assuring a proper learning environment for the classroom. The Teacher's Aide will report to the teacher daily for assigned tasks. Duties may include making copies for classroom use, delivering documents, grading homework and in class work, maintaining a record of student scores, and any other activity that the teacher deems important and necessary. *Instructor approval is required.*

*****OTHER CLASSES MAY BE ADDED AS STAFFING ALLOWS*****