

KINGS CHRISTIAN HIGH SCHOOL ACADEMIC PROGRAM

Kings Christian School is an accredited member of The Association of Christian Schools International (ACSI). ACSI is the largest organization of its kind in the world. In all fifty U. S. states, all ten Canadian provinces, and in 45 other nations, the ACSI name is identified with the finest Christian Schools. ACSI serves its member schools through teachers' conventions, school accreditation, Christian school curriculum, legal and legislative representation, and a wide variety of student activities. Kings Christian School is also fully accredited through the Western Association of Schools and Colleges (WASC).

KCHS offers one provisional and three complete diploma programs:

SUBJECT AREA	GENERAL DIPLOMA	COLLEGE PREP DIPLOMA	UNIVERSITY PREP DIPLOMA
BIBLE	40 units	40 units	40 units
ENGLISH	40 units	40 units	40 units (1 year of honors)
HISTORY	40 units	40 units	40 units
MATH	30 units	30 units (through Alg. 2) or 40 units (total Math)	30 units (through Adv. Math)
SCIENCE	20 units (10 units lab science)	30 units (20 units lab science)	40 units (30 units lab science)
FOREIGN LANGUAGE	10 units	20 units	30 units
P.E.	20 units	20 units	20 units
FINE ARTS		10 units	10 units* (Must be same subject/ same year starting with 2011 graduates)
ELECTIVES	34 units	40 units	50 units
TOTAL UNITS	234 units	270 units	300 units

*** Some colleges and universities require all fine arts units to be in the same subject during the same year. We recommend you check with the college of your choice for their requirements.**

Provisional Diploma

A Provisional diploma requires the same units as those outlined for the general track diploma, but it is issued in the event the student does not score above the 9th grade level in math, reading, or English on a standardized test taken during the student's junior or senior year. The provisional diploma will be exchanged for a general track diploma upon proof of competency in the deficient subject.

NOTE: Students transferring to KCHS may have reduced Bible unit requirements. Under special circumstances, one year of Bible may be used in place of one year of English. Students must be enrolled in a Bible class each year they attend KCHS.

Below is a list of subjects our students will typically take during their four years of high school. Please go over the academic requirements with your student so that you can be making plans now to follow the diploma track that best suits your student and their college plans. (Most freshmen start out on the College/University Prep track and continue all four years unless they are having academic difficulties or choose not to take the higher-level courses as they progress into their junior and senior years).

9th Grade	10th Grade	11th Grade	12th Grade
Bible	Bible	Bible	Bible
English 1	English 2	English 3 or Honors English 3	English 4 or AP English Lit.
Physical Science	Biology	Chemistry or Honors Chemistry	Chemistry, Honors Chemistry, Advanced Biology or Physics
Pre-Algebra, Algebra 1 or Algebra 2	Algebra 1, Algebra 2 or Advanced Math	Algebra 2, Practical Math, Adv. Math, or Honors Adv. Math (Pre-Calculus/Cal. A)	Algebra 2, Consumer Math, Adv. Math, Honors Adv. Math (Pre-Calculus/Cal. A) or Calculus BC
World History	US History	Understanding the Times (World View)	Government/Economics
Managing Your Life/ Geography (<i>one semester</i>)	Spanish 1	Spanish 1 or 2	Spanish 2 or 3
Driver's Education (<i>one semester</i>)			
Two Electives	Two Electives	Two Electives	Two Electives
* Advanced Mathematics Track (must have special staff approval)			
* Algebra 2	* Advanced Math	* Honors Adv. Math (Pre-Calculus/Cal. A)	* Calculus BC
Note: Honors courses in bold			

ELECTIVES GENERALLY OFFERED (may change from year to year depending on staff availability):

Art	Choir	Drama	Home Economics	Journalism
Computer 1 - 4	Business	Sign Language	P.E.	Weightlifting
Student Aide	SAT Prep	Study Hall		

SPORTS: Students can receive their physical education credits by taking P.E. during one of their elective periods or by competing in our sports programs. We offer the following competitive sports:

FALL	WINTER	SPRING
Football (<i>boys</i>)	Basketball (<i>boys & girls</i>)	Baseball (<i>boys</i>)
Volleyball (<i>girls</i>)		Softball (<i>girls</i>)
Cheerleading (<i>boys & girls</i>)	Cheerleading (<i>boys & girls</i>)	Track (<i>boys & girls</i>)

The following KCHS courses meet requirements for admission to the University of California:

HISTORY	ENGLISH	MATH	LAB SCIENCE	FOREIGN LANGUAGE	FINE ARTS*	ELECTIVES
Government	English 1	Algebra 1A/B	Biology	Spanish 1	Art	Economics
US History	English 2	Algebra 1	Chemistry	Spanish 2	Drama 1	Computer 2 (Introduction to Computer Programming)
World History	English 3	Algebra 2	Chemistry (Honors)	Spanish 3	Concert Choir and Music Appreciation**	
	Honors English 3	Geometry	Advanced Biology			
	English 4	Advanced Math	Physics			
	English Literature & Comp. (AP)	Advanced Math (Honors)	Physics (Honors)			
	Language Arts (AP)	Calculus AB (AP)				

**** Some colleges and universities require all fine arts units to be in the same subject during the same year. We recommend you check with the college of your choice for their requirements.***

*****Taking Concert Choir only does not meet UC requirements for Fine Arts. Students must also take Music Appreciation during the 4th quarter to fulfill the 10-unit requirement.***

Academic Requirements Comparison			
SUBJECT	KINGS CHRISTIAN	LEMOORE HIGH	UC SYSTEM (a-g Requirements)
English	40 Units (1 year of Honors for University Prep)	40 Units	40 Units
Reading	9 th Grade (Minimal) Proficiency on standardized test.	Pass minimal competency test in Reading	Reading proficiency is assumed, measured by college entrance exam
Math	General: 30 units College Prep: 30 (through Algebra 2) Univ. Prep: 30 (through Adv. Math)	20 Units	30 Units 40 Recommended
Science	General: 20 Units College Prep: 30 Univ. Prep: 40	20 Units	10 Units (1 lab Sci.) 30 Recommended
History	40 Units	30 Units	20 Units
Physical Education	20 Units	30 Units	None
Foreign Language	General: 10 College Prep: 20 Univ. Prep: 30	10 Units or Fine Arts	20 Units (same Lang.) 30 Recommended
Other Requirements	Bible - 40 Units * Life Skills - 5 Fine Arts - 10	Computer Lit Life Skills Fine Arts	20 Units Two: Math, Fine Arts, Lab Science, Social Science, Language, Another Language

* Students transferring to KCHS may have reduced Bible unit requirement. Students must be enrolled in a Bible class each year they attend KCHS.

SUBJECT	MASTERS	FRESNO PACIFIC	WESTMONT
English	40 Units	40 Units	40 Units
Math	30 Units	30 Units	30 Units (Accept 8th Gr. Algebra 1)
Science	20 Units	10 Units	30 Units
History	20 Units	20 Units	20 Units
Foreign Language	20 Units	20 Units	20 Units (30 recommended)
Other Requirements	8 Units	10 Units - Fine Arts	

BIBLE

401 BIBLE 1

Grade Level: 9
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

A study of the development of the 1st century church and the foundations of church doctrine. Students will learn the historical background of the church, which is the foundation for understanding the Epistles. Paul's writings will provide the doctrinal basis for Christianity. Students will continue learning to defend their faith through the study of "The Case for Christ" by Lee Strobel.

Basic Text/Publisher: NKJV Thompson Chain Bible; Bible Truths - Lessons From the Early Church (Bob Jones); The Case for Christ (Zondervan)

402 BIBLE 2

Grade Level: 10
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

1st Semester: "Mastering Bible Study Skills"

This course is designed to encourage students to study the Bible for themselves, to make astute observations, careful interpretation, and conscientious application, independent of a leader's promptings.

2nd Semester: "Bible Doctrines for Today"

The study of Bible doctrines organizes the different aspects of God's revelation into component parts (God, Christ, the Holy Spirit, man, salvation, the church, angels, last days).

Basic Text/Publisher: NKJV Thompson Chain Bible; Mastering Bible Study Skills (ACSI); Bible Doctrines for Today (A Beka)

403 BIBLE 3

Grade Level: 11
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

This course is a study of scriptures that will provide a firm foundation for the student's "Christian walk." It uses the words of Jesus as found in the books of Matthew and John's Gospel, combined with the advice found in I John, I Peter, James, Hebrews, and Romans. The course of study also looks at careers and college preparation through the use of "Life Shaping Decisions". We also study faith by reading "The Case for Faith."

Basic Text/Publisher: NKJV Thompson Chain Bible; Life Shaping Decisions (ACSI); The Case for Faith (Zondervan); A Survey of the New Testament (ACSI); Connecting With God (ACSI)

404	BIBLE 4
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Grade Level: 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

Bible 4 is composed of two one-semester classes as follows:

"Progress of Redemption"

This course is to help students see the cohesiveness of the entire Bible. Progress of Redemption has been described as life changing and the best course ever taken by people years after they have completed it. This course reviews God's activities throughout history (and briefly, the future) and helps us see why He chose the people, incidents and methods illustrated throughout the Bible to communicate what He is doing and saying. It will help students tie together all of the Bible stories and principles they have learned, as well as give them greater insight into the uniqueness of the Bible and how awesome God really is.

Basic Text/Publisher: NKJV Thompson Chain Bible; Progress of Redemption (Columbia International University); Bible 4310 Syllabus & Study Guide

"Christian Literature"

This course is an introduction to those Christian writers who, like the scribes, Jesus artistically describe in Matthew 13:52, bring God's treasures out from the storehouse and place them before our eyes to inspire our faith, clarify our vision, and give us courage: *"Therefore every scribe who has become a disciple of the kingdom of heaven is like a head of a household, who brings forth out of his treasure things new and old."* (NASV)

Through this course we will observe "expressions of God's beauty – literary treasures, recognized as such even by skeptical scholars – brought out by some of Christianity's best hosts" (Musser I). This is a semester-long course that looks at the Bible as literature, in addition to being the words of God. This course also looks at modern-day Christian authors.

Basic Text/Publisher: NKJV Thompson Chain Bible; The Daniel, Joseph, and Esther Narrative of the Bible; Crazy Love (Francis Chan); The Great Divorce (C.S. Lewis)

ENGLISH

001	ENGLISH 1
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Grade Level: 9
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

Foundational to the success of a student is the ability to write effectively. At KCHS, the solid foundation of writing begins with English 1. Students will learn strategies and skills to build an essay on most topics while demonstrating second level thinking and reasoning through a variety of styles and sentence structures. Once recorded speech has been refined, students will gain confidence through group and individual oral presentations. Aiding in the fluency of formal and non-formal written and oral speech patterns is the engaging in multiple texts. Students will read fiction and non-fiction from a variety of genres, moving from personal reaction and prediction to interpretation and evaluation. Finally, students will often engage in enrichment activities that root the topic of study in its social or historical context. Culminating each unit will be an essay, exam, alternative assignment or a combination of two or more.

Basic Text/Publisher: Implications of the Short Story (ACSI); various novels, short stories and plays

002	ENGLISH 2
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Grade Level: 10
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

This course takes 10th grade students through a survey of literature, using novels and plays as a platform for examination and analysis of content and themes in light of a biblical worldview, while using skills in grammar, vocabulary and especially writing to lead students to an understanding of enduring ideas within this discipline. Students will read and analyze novels, a play, and poetry. Students will write formal paragraphs and essays and other informal in-class writing assignments in response to discussions, reading, video presentations, etc. In addition, students will explore vocabulary found in the literature in order to more fully understand the ideas presented therein. The readings will include a variety of well-known novels. Students will also read one of Shakespeare's plays and a selection of well-known short stories. Finally, in order to help increase literacy, students are required to read outside of the classroom at their own pace and be accountable for it.

Basic Text/Publisher: Implications of the Short Story (ACSI); various novels, short stories and plays

003	ENGLISH 3
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Grade Level: 11
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

The purpose of this course is to build on previous years. It will take 11th grade students through a survey of literature, using novels and plays as a platform for examination and analysis of content and themes in light of a biblical worldview, while using skills in grammar, vocabulary and especially writing to lead students to an understanding of enduring ideas within this discipline. Students will read and analyze novels and plays. Students will write formal paragraphs and essays and other informal in-class writing assignments in response to discussions, reading, video presentations, etc. In addition, students will explore vocabulary found in the literature in order to more fully understand the ideas presented in it. Finally, in order to help increase literacy, students are required to read outside of the classroom at their own pace and be accountable for it.

Basic Text/Publisher: Various novels, short stories and plays

036	HONORS ENGLISH 3
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Grade Level: 11
Course Length: All year
Prerequisites: "B" grade in prior semester

Credits: 10 (Honors)
Extra Fees: None

Honors English 3 borrows heavily from the structure, format, and content of both the Advanced Placement Literature and Composition and the Advanced Placement Language and Composition courses. Beginning with a focus on language and composition, students will study the art of effective creative writing in the following genres: non-fiction, fiction, and poetry.

Students will read, interpret and evaluate representative authors, as well as personally demonstrate mastery of the above genres through their own compositions. Finishing with a focus on literary analysis, students will work as a community of learners, experience complete novels, and respond to issues of literary analysis from a uniquely Christian worldview.

Students must maintain a 75% average each quarter to remain in the class.

Basic Text/Publisher: Honors English Flex Text (Perfection Learning); various essays, novels, plays, short stories and poems

004	ENGLISH 4
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Grade Level: 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

The purpose of this course is to build on previous instruction. It will take 12th grade students through a survey of literature, using novels and plays as a platform for examination and analysis of content and themes in light of a biblical worldview, while using skills in grammar, vocabulary and especially writing to lead students to an understanding of enduring ideas within this discipline. Students will read and analyze novels and plays. Students will write formal paragraphs and essays and other informal in-class writing assignments in response to discussions, reading, video presentations, etc. In addition, students will explore vocabulary found in the literature in order to more fully understand the ideas presented in it. Finally, in order to help increase literacy, students are required to read outside of the classroom at their own pace and be accountable for it.

Basic Text/Publisher: Various novels, short stories and plays

027	ADVANCED PLACEMENT ENGLISH LITERATURE & COMPOSITION
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Grade Level: 12
Course Length: All year
Prerequisites:

Credits: 10 (Honors)
Extra Fees: \$86 AP exam fee

From English 3: Must have a minimum 90% in previous semester for "no questions asked" entry, or minimum 85% for considered entry (teacher approval).
From Honors English 3: Must have a minimum 85% in previous semester for "no questions asked" entry. Minimum 80% for considered entry (teacher approval).

Advanced Placement English Literature and Composition is a high school course for seniors designed to match the standards and rigorous academics of a college introduction to literature course. Required reading includes plays, poems, short stories, and novels from the 14th to the 20th century. Students will respond to each literary selection through shared inquiry, formal and informal composition, as well as occasional creative writing. The decision to enroll in this course should be taken seriously because it is fast paced and the AP exam at the end of the year is mandatory.

Students must maintain a 75% average each quarter to remain in the class.

Basic Text/Publisher: Various essays, short stories, and poems: Sir Gawain and the Green Knight (unknown), Hamlet (Shakespeare); Rosencrantz and Guildenstern Are Dead (Stoppard); Jane Eyre (Charlotte Bronte); Things Fall Apart (Achebe); Heart of Darkness (Conrad); Their Eyes Were Watching God (Hurston)

FOREIGN LANGUAGE

530 SPANISH 1

Grade Level: 10, 11
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

KCHS uses the A Beka Spanish program, which is organized and presented according to intensive phonetic principles as opposed to whole language principles. The basic objective for non-Spanish speaking students is exposure to and mastery of the basics of foreign language instruction including vocabulary, spelling, reading, pronunciation, conversation, writing, grammar and translation. A disproportionate percentage of time is not spent on any single aspect of instruction (e.g. conversational fluency) at the expense of the other components of language instruction. The basic objective for Spanish speaking students is Spanish literacy.

Basic Text/Publisher: Po Todo El Mundo Text A; Spanish 1 Vocabulary (A Beka)

540 SPANISH 2

Grade Level: 11, 12
Course Length: All year
Prerequisites: Spanish 1 with a minimum "C" grade

Credits: 10
Extra Fees: None

KCHS uses the A Beka Spanish program, which is organized and presented according to intensive phonetic principles as opposed to whole language principles. The basic objective for non-Spanish speaking students is exposure to and mastery of the basics of foreign language instruction including vocabulary, spelling, reading, pronunciation, conversation, writing, grammar and translation. A disproportionate percentage of time is not spent on any single aspect of instruction (e.g. conversational fluency) at the expense of the other components of language instruction. The basic objective for Spanish speaking students is Spanish literacy.

Basic Text/Publisher: Po Todo El Mundo Text B; Spanish II Vocabulary (A Beka)

550 SPANISH 3

Grade Level: 12
Course Length: All year
Prerequisites: Spanish 2 with a minimum "C" grade

Credits: 10
Extra Fees: None

KCHS uses the A Beka Spanish program, which is organized and presented according to intensive phonetic principles as opposed to whole language principles. The basic objective for non-Spanish speaking students is exposure to and mastery of the basics of foreign language instruction including vocabulary, spelling, reading, pronunciation, conversation, writing, grammar and translation. A disproportionate percentage of time is not spent on any single aspect of instruction (e.g. conversational fluency) at the expense of the other components of language instruction. The basic objective for Spanish speaking students is Spanish literacy.

Basic Text/Publisher: Spanish II A; Spanish II Vocabulary (A Beka)

565	AMERICAN SIGN LANGUAGE 1	<i>(Not offered every year)</i>
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Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This course will teach basic signs, grammar, fingerspelling, and the cultural aspects of deafness. Students will learn basic communication as well as song singing. Total participation is mandatory in order to properly learn the language. In addition to homework and projects, students are expected to practice the signs and fingerspelling outside of class on a daily basis.

Basic Text/Publisher: Learning American Sign Language (Allyn & Bacon)

566	AMERICAN SIGN LANGUAGE 2	<i>(Not offered every year)</i>
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Grade Level:	10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	American Sign Language 1 with a minimum "C" grade		

A continuation of the skills learned in American Sign Language 1, teaching basic signs, grammar, fingerspelling, and the cultural aspects of deafness. Students will learn basic communication as well as song singing. Total participation is mandatory in order to properly learn the language. In addition to homework and projects, students are expected to practice the signs and fingerspelling outside of class on a daily basis.

Basic Text/Publisher: Learning American Sign Language (Allyn & Bacon)

NOTES:

- **American Sign Language cannot take the place of Spanish 1. Students are required to take Spanish 1, but may use American Sign Language for *additional* foreign language credits.**
- **Some colleges and universities do not accept American Sign Language as a foreign language. Please check with the college of your choice for their foreign language requirements.**

HISTORY/ SOCIAL STUDIES

120 WORLD HISTORY

Grade Level:	9	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

Surveys the major kingdoms, empires, dynasties, and nations from creation to the present. It emphasizes the major events, people, and places which all fit into God's overall plan for mankind.

Basic Text/Publisher: World History and Cultures (A Beka)

110 UNITED STATES HISTORY

Grade Level:	10	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

Explores the major events, people, and places in the development of our country. Special emphasis is placed on the founding of the country, the Civil War, and the twentieth century, particularly those events that have occurred since World War I.

Basic Text/Publisher: United States History - Heritage of Freedom (A Beka)

148 INTRODUCTION TO PHILOSOPHY & WORLDVIEW

Grade Level:	11	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

Beginning with the Apostolic Age and proceeding through Modernity, we will be tracing the development of the predominant philosophy of each age and its impact upon the worldviews of each age. We will be defining and contrasting the worldviews of secular humanism, cosmic humanism, Marxist-Leninism, Islam and Orthodox Biblical Christianity as they relate to theology, psychology, sociology, and science.

Basic Text/Publisher: Understanding the Times (David Noebel, ACSI)

140	ECONOMICS
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Grade Level: 12
Course Length: Semester
Prerequisites: None

Credits: 5
Extra Fees: None

This course examines the basic principles of economics from a Christian perspective, emphasizing the biblical idea of a free market as the best human economic system. The course takes a comparative approach in analyzing other economic systems.

Basic Text/Publisher: Economics for Christian Schools (Bob Jones Press)

145	GOVERNMENT
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Grade Level: 12
Course Length: Semester
Prerequisites: None

Credits: 5
Extra Fees: None

Explores the American system of government as outlined by the U.S. Constitution. An in-depth look at the Constitution and the Bill of Rights highlights this course. The structure of our political system, the various branches of government, and the policies by which our government operates are also examined, as well as the responsibilities that go with being an American citizen.

Basic Text/Publisher: American Government for Christian Schools (Bob Jones)

MATH

352 PRE-ALGEBRA (with Geometry)

Grade Level:	9	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This is a preparation course for Algebra. This allows students who do not have a strong aptitude for mathematics to develop a better comprehension of math fundamentals. Topics included in this course are arithmetic operations; fractions; orders of operation; rules of exponents; solving and graphing linear equations; properties of algebra; area, volume and surface area problems.

Basic Text/Publisher: Algebra 1/2 (Saxon)

313/314 ALGEBRA 1A / 1B (with Geometry A)

Grade Level:	9, 10	Credits:	10 per year
Course Length:	2 years	Extra Fees:	None
Prerequisites:	Minimum "C" grade in previous math course		

This is a beginning course in Algebra, but is designed to move at about half the pace of the regular Algebra 1 course, so that two years is equivalent to the one-year Algebra 1 course. This allows students who do not have a strong aptitude for mathematics to develop a better comprehension of the fundamentals of Algebra before proceeding to higher math topics. The course is taught utilizing incremental development with continual practice and review. The course includes the mathematical standards set by the State of California for passing the High School Exit Exam. Topics included in this course are algebraic operations; rules of exponents; solving and graphing linear equations, inequalities and quadratics (including those with absolute values); solving systems of equations; parallel and perpendicular lines; functions and relations; application problems; set theory; domain & range; conjunctions & disjunctions; direct and inverse variations; volume, area and surface area problems.

Basic Text/Publisher: Algebra 1 (Saxon)

310 ALGEBRA 1 (with Geometry A)

Grade Level:	9, 10, 11	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	Minimum "C" grade in previous math course		

Course work will cover equations, positive and negative numbers, graphing, complex polynomials, and quadratic equations. Geometric topics include perimeter, area, volume, degree measure, and conversions.

Basic Text/Publisher: Algebra 1 (Saxon)

320 ALGEBRA 2 (with Geometry B)

Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	Minimum "C" grade in Algebra 1		

Expands all concepts presented in Algebra I. Introduces more abstract geometric concepts, introducing properties and proofs. Fundamental trigonometric ratios are covered extensively, as well as rectangular and polar coordinates.

Basic Text/Publisher: Algebra II (Saxon)

332 ADVANCED MATH

Grade Level:	10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$85 for calculator
Prerequisites:	Minimum "C" grade in Algebra 2		

Topics in Algebra 2 are reviewed and extended. Additional topics include trigonometric functions, graphs thereof, trigonometric equations, proofs, force components, polar coordinate graphs, summations, inductive proofs, difference quotient, slope of curves and limits.

Basic Text/Publisher: Advanced Math (Saxon)

**330 HONORS ADVANCED MATH
(Pre-Calculus / Calculus A)**

Grade Level:	11, 12	Credits:	10 (Honors)
Course Length:	All year	Extra Fees:	Must have T1 83, 84, or 89 calculator
Prerequisites:	Minimum "C" grade in Advanced Math		

This course consists of two parts. The first half of the year is spent extending the study of materials in the standard "Advanced Math" class (course #332). During the second half of the school year students are introduced to topics in Calculus. During the first portion some of the topics include: Trigonometric Identities, Logarithmic Expressions, Exponential Functions, Arithmetic Progression and Means, Advanced Complex Roots, Operations with Matrices, Conic Sections, Inverse Trig Functions and Synthetic Division. The second portion includes: Concepts Review (Number Classifications, Graphing Calculator Use, Contrapositive, Converse and Inverse, Radian Measure, Trig Ratios and Identities, Functions, Quadratic Functions, Conics and Synthetic Division), Continuity, Limits, Interval Notation, the Derivative, Equations of Tangent Lines, Differentials, Antiderivative/Integral, Implicit Differentiation and Maximums/Minimums. This course lays a strong foundation for students desiring to take AP Calculus BC (Course #342).

Basic Text/Publisher: Advanced Math (Saxon); Calculus With Trigonometry and Analytic Geometry (Saxon)

342	CALCULUS BC (Advanced Placement)
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Grade Level:	12	Credits:	10 (Honors)
Course Length:	All year	Extra Fees:	\$86 AP exam fee
Prerequisites:	Minimum "B" grade in Honors Advanced Math		

This course is a continuation of the Calculus subjects started in the second semester of "Honors Advanced Math (course #330). Topics presented in this course include: Review of fundamental concepts (properties of real numbers; distance formula; contra-positive, converse and inverse statements; radian measure; Cartesian quadrants; polar coordinates and graphing; trigonometric ratios and identities, conic sections), functions, continuity, limits, derivatives, differentials, tangent lines, applications of derivatives, anti-derivatives, integrals and area problems, applications of integrals, exponential functions, elementary differential equations. Additional topics include maximas, minimas, polar coordinate and series problems. This course covers all materials necessary to pass the AP Calculus BC exam. Students are expected to sign up for and take the AP Calculus AB or BC exam.

Basic Text/Publisher: Calculus With Trigonometry and Analytic Geometry (Saxon) (Saxon/Wang)

351	PRACTICAL MATH
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Grade Level:	11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This course is designed to give mastery in the basic elements of algebra and geometry. The class will also review the concepts of fractions, decimals and percent. The year ends with a review of the strategies for solving word problems.

Basic Text/Publisher: Practical Math (Alpha Omega); Geometry (Alpha Omega); Key Curriculum Paces (Key Curriculum)

360	BUSINESS MATH
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Grade Level:	12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This course is designed to provide the opportunity to review basic math skills and apply them to personal and business applications.

Basic Text/Publisher: Consumer Mathematics in Christian Perspective (A Beka)

SCIENCE

210 PHYSICAL SCIENCE

Grade Level:	9	Credits:	10
Course Length:	All year	Extra Fees:	\$30 lab fee
Prerequisites:	None		

This course is an introduction to the physical sciences and prepares 9th grade students for future studies in chemistry and physics. It covers topics from the atomic structure of matter, to chemical reactions, to forces and motion. After this course, students should have a good understanding of the world around them and be ready to expand their knowledge in future classes.

Basic Text/Publisher: Physical Science (Christian Schools International)

220 BIOLOGY

Grade Level:	10	Credits:	10
Course Length:	All year	Extra Fees:	\$30 lab fee
Prerequisites:	None		

This Biology course centers on the study of living things. Biology is designed to introduce and reinforce to the students our living world and its systems. Concepts of Cellular and Molecular Biology, Bacteriology, Botany, Zoology, and Human Anatomy and Physiology are presented during this year. There will be a laboratory section to this course. Completion of laboratory safety sections, as well as competence in writing lab reports will be emphasized. Utilization of the scientific method will be used to teach and reinforce scientific concepts.

Basic Text/Publisher: Biology - God's Living Creation (A Beka)

NOTE: 9th grade students wishing to take Biology must pass a Physical Science proficiency test and be approved by the head science teacher.

230 CHEMISTRY

Grade Level:	11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$50 lab fee
Prerequisites:	Biology and Algebra 1		

This course deals with the study of matter and various changes it undergoes. We learn the structure of atoms and molecules, elements, compounds and mixtures. We also learn the structure of and necessity of certain building materials and household chemicals. Laboratory projects are provided to enhance learning. This course will prepare the student for college chemistry and also prepares the student for daily life with an understanding of God's creation.

Basic Text/Publisher: Contemporary Chemistry (J. Weston Walch Publisher)

232	HONORS CHEMISTRY
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Grade Level:	11, 12	Credits:	10 (Honors)
Course Length:	All year	Extra Fees:	\$50 lab fee
Prerequisites:	Biology and Algebra 2 with a minimum "B" grade		

This course deals with the study of matter and various changes that it undergoes. The student learns the structure of atoms and molecules, elements, compounds, and mixtures. They also learn about the various laws of nature as well as the mathematical concepts necessary to understand and calculate the chemical process studied. Laboratory projects are provided to enhance learning. This course will prepare the student for university instruction in chemistry and related sciences. It also prepares the student for daily life with an understanding of God's creation.

Basic Text/Publisher: Basic Chemistry (Pearson)

236	GEOLOGY
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Grade Level:	12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This course divides the physical (nonliving) universe into four major divisions. From the perspective of a human on the Earth, these divisions can be imagined as spheres of information. The four spheres are as follows: the *celestial sphere* - outer space; the *atmosphere* - the layers of gasses surrounding the earth; the *lithosphere* - the solid part of the earth and its surface; and the *hydrosphere* - the natural waters that cover and penetrate the earth's surface.

The first unit (Chapters 1 & 2) discusses what some people believe science to be, what it really is, and the theories that science produces. The second unit (Chapters 3 - 8) is about space science, the plants, and all other objects beyond the earth's atmosphere - and the technology used to study them. The earth's atmosphere is described and discussed in the third unit (Chapters 9 - 12). The solid part of the earth, the lithosphere, is the subject of the fourth unit (Chapters 13 - 18). The fifth unit (Chapters 19 - 21) briefly introduces the hydrosphere.

Basic Text/Publisher: Space & Earth Science, 3rd Edition, BJU Press

245	HONORS ADVANCED BIOLOGY
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Grade Level:	12	Credits:	10 (Honors)
Course Length:	All Year	Extra Fees:	\$40 lab fee
Prerequisites:	Biology and Honors Chemistry with a minimum "B" grade and teacher permission.		

This course is an in-depth study of the structure and function of the human body. This class uses a college text and includes a study of all 11 of the major systems of the body. Laboratory projects are used to complement the text and reinforce concepts presented.

Basic Text/Publisher: Human Body in Health and Disease (Mosby)

240 / 241	HONORS PHYSICS / PHYSICS
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Grade Level:	12	Credits:	10
Course Length:	All year	Extra Fees:	\$15 lab fee
Prerequisites:	Chemistry and Advanced Math with a minimum "C" grade		

This is an introductory course to the concepts of applied physics. Students will be introduced to all of the topics normally presented in the first two semesters of a college engineering physics course. Some of the topics covered include: units, vectors & scalars, reference frames, velocity, acceleration, friction, torque, work, power, energy, free-body diagrams, static equilibrium, heat, momentum, circular motion and angular movement measurements, electric circuits, the special theory of relativity, etc. Laboratory experiments are routinely done to complement and reinforce the concepts presented.

Additional Requirements for Honors Weighting:

To receive honors weight, students will be required to do the following:

1. Complete more problems on each homework assignment
2. Write formal lab reports rather than just fill in lab worksheets
3. Take comprehensive final exams at the end of each semester

Basic Text/Publisher: Physics (Saxon)

ELECTIVES

BUSINESS/COMPUTER

810	BUSINESS 1
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Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$10 lab fee
Prerequisites:	None		

This course is designed to give students basic business skills to prepare them for career vocations and consumer success. Students complete several business simulations for a hands-on approach to learning about banking, budget, credit, consumer rights, using a calculator, alphabetic indexing and preparing for a job. Students will learn the importance of being wise stewards of the money God entrusts them with in the future.

Basic Text/Publisher: Managing Your Personal Finances (South Western Pub. Co.)

812	BUSINESS 2
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Grade Level:	10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$10 lab fee
Prerequisites:	Business 1		

This course is designed to prepare students to manage and make good financial decisions in their personal lives and in their career vocation. Students will look at investment opportunities, insurance, buying a home and car. Work on simulations will help students gain general skill in accounts receivable and payable, payroll procedures, and review use of the calculator.

Basic Text/Publisher: Managing Your Personal Finances; Discovering God's Way of Handling Money (Crown Ministries)

840	KEYBOARDING/COMPUTER 1
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Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$25 lab fee
Prerequisites:	None		

This course is designed to develop keyboarding skills and familiarize the student with the world of computers, including how God's creation of certain elements and a systematic order allows computers to work. The introduction will touch on the history, growth, power, speed, efficiency, capabilities, limitations, classifications and uses of the computer. The student will also learn about computer terminology, receiving an introduction to application programs such as word processing, web page design, and spreadsheets.

Basic Text/Publisher: Keyboarding Formatting; Document Processing (South-Western Publishing Co.)

841 COMPUTER 2

Grade Level: 10, 11, 12
Course Length: All year
Prerequisites: Computer 1

Credits: 10
Extra Fees: \$25 lab fee

Computer 2 emphasizes programming techniques and advance work in applications. Additionally students are introduced to hardware and software configuration, networking concepts, diagnostic techniques and hardware repair.

Basic Text/Publisher: A Guide to Structured Programming in BASIC for the IBM PC and Compatibles (Laurenceville Press)

847 COMPUTER 3

Grade Level: 11, 12
Course Length: All year
Prerequisites: Computer 1, 2

Credits: 10
Extra Fees: \$25 lab fee

This course is intended to build upon concepts and skills acquired in the Computer 1 and 2 courses. One of the main purposes is to apply these skills to useful needs of the individual, school or community. New material will be introduced in the following areas: hardware identification, configuration, diagnostic and repair, networking concepts, protocols and configuration, alternative programming languages and HTML.

848 COMPUTER 4

Grade Level: 12
Course Length: All year
Prerequisites: Computer 1, 2, 3

Credits: 10
Extra Fees: \$25 lab fee

This course is intended to build upon concepts and skills acquired in the Computer 1, 2, and 3 courses. One of the main purposes is to apply these to useful needs of the individual, school or community. Additional new material will be introduced in the following areas: hardware identification, configuration, diagnostic and repair, networking concepts, protocols and configuration, alternative programming languages.

FINE ARTS

700	ART
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Grade Level: 9, 10, 11, 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: \$25 lab fee

This course is designed to introduce and familiarize the student with the world of Art. It will provide hands-on exposure and cover various mediums including pencil, charcoal, ink, pastel, colored pencil, watercolor and acrylic paints. Drawing will be the emphasis in the fall semester and painting in the spring. Famous works of art will also be discussed.

Basic Text/Publisher: Adventures in Art (Cornerstone Curriculum)

761	DRAMA 1
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Grade Level: 9, 10, 11, 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: \$25 lab fee

This course is designed to introduce the fundamentals of acting. The students will study performance by learning control of voice, body movement, breath control, memorization, and stage presence. This course will also cover the basic history of drama. It will explore different styles and techniques used on stage as well as teach the student to go beyond the script to interpret character and direction for themselves through improvised sketches, scenes and monologues.

762	DRAMA 2
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Grade Level: 9, 10, 11, 12
Course Length: All year
Prerequisites: Drama 1 or Audition

Credits: 10
Extra Fees: \$25 lab fee

This class is designed to teach the art of acting through the hands-on experience of putting on a production from start to finish. Students will be cast in the show during the first week of the semester, and through the course of the semester will learn to memorize lines, take stage direction, and help create costumes, a stage and set pieces. Students will also learn the importance of attending rehearsal regularly and learn to work together as a cast. At the end of each semester students will perform the play.

702	CONCERT CHOIR
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Grade Level: 9, 10, 11, 12

Course Length: 3 quarters

Credits: 8

Extra Fees: \$25 class fee & \$160 activity fee for Musicale

Prerequisites: Teacher approval

This course creates a new understanding of music by introducing basic music theory through the process of sight reading musical scores. Daily rehearsal provides training in vocal technique and musicianship. Poise and performance skills are developed through participation in the following required concerts: Fall Concert, Christmas Concert, Candlelight Dessert Concert and Choral Festival in the spring. (Note: This course taken in addition to *Music Appreciation* will meet the fine arts requirement for graduation).

Basic Text/Publisher: This course does not use a textbook. Musical literature from all musical periods and cultures are introduced throughout the year.

726	MUSIC APPRECIATION
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Grade Level: 9, 10, 11, 12

Course Length: 4th quarter

Prerequisites: None

Credits: 2

Extra Fees: None

This course covers music history and culture. Students wishing to receive 10 credits towards fine arts requirements must take this course in addition to *Concert Choir*.

Basic Text/Publisher: This course does not use a textbook. Musical literature from all musical periods and cultures are introduced throughout the year.

FRESHMEN STUDIES

738	MANAGING YOUR LIFE / GEOGRAPHY
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Grade Level:	9	Credits:	5
Course Length:	Semester	Extra Fees:	None
Prerequisites:	None		

Managing Your Life: This freshman requirement course is designed to assist students with life skills for leading an effective Christian life. The three broad areas discussed are public life, personal life, and family life. Each of these divides into the following distinct categories that form the basic topics of the book: people skills, in and around the home skills, life navigation skills, time organization, space organization, money management, healthy lifestyle skills, healthy mind skills, spiritual habits, decision-making skills, creative skills, and celebration skills.

Geography: Survey the creation of the earth and its resources, the use of those resources by man and the geographic and cultural features of people in the various regions and countries of the world.

Basic Text/Publisher: World Geography (A Beka Book); Life Management Under God (A Beka)

705	DRIVER'S EDUCATION
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Grade Level:	9	Credits:	5
Course Length:	Semester	Extra Fees:	None
Prerequisites:	None		

Driver's Education is a semester course in conjunction with the freshman studies of Geography and Life Skills. This course is designed to give general driving instruction and prepare students for the written test. The principles of driver courtesy and the rules of safety for rural, city, and highway driving are emphasized utilizing the driver's education text. Basic automobile problems, expenses, and insurance requirements will be covered in an introductory manner. This course does not fulfill the requirements for behind-the-wheel driver's training.

Basic Text/Publisher: Drive Right (Pearson Education)

OTHER ELECTIVES

747	JOURNALISM
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Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	\$10 lab fee
Prerequisites:	Maintain a "B" grade in English		

Students will be introduced to the elements of productions of the newspaper and the yearbook. They will cover the different types of articles: sports, feature, editorial and review writing. They will be introduced to the steps to produce a newspaper or yearbook: proof reading, editing, reports, interviewing, typing in the Microsoft Word, and Elite Vision, layout design, and photography. They will learn the very basics of the finances involved in production. They will demonstrate their ability to write well under pressure, gather information independently and organize it effectively, and work cooperatively with their peers. They will demonstrate their understanding by physically producing the school yearbook and a newspaper.

Basic Text/Publisher: SAM, Production Materials for the Yearbook (Taylor Publishers); Journalism Today (National Textbook Company, 6th edition, 2001)

565	AMERICAN SIGN LANGUAGE 1	<i>(Not offered every year)</i>
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Grade Level:	9, 10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	None		

This course will teach basic signs, grammar, fingerspelling, and the cultural aspects of deafness. Students will learn basic communication as well as song singing. Total participation is mandatory in order to properly learn the language. In addition to homework and projects, students are expected to practice the signs and fingerspelling outside of class on a daily basis.

Basic Text/Publisher: Learning American Sign Language (Allyn & Bacon)

566	AMERICAN SIGN LANGUAGE 2	<i>(Not offered every year)</i>
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Grade Level:	10, 11, 12	Credits:	10
Course Length:	All year	Extra Fees:	None
Prerequisites:	American Sign Language 1 with a minimum "C" grade		

A continuation of the skills learned in American Sign Language 1.

Basic Text/Publisher: Learning American Sign Language (Allyn & Bacon)

NOTE: Some colleges and universities will only accept Sign Language as an elective.

770**STUDY HALL**

Grade Level: 9, 10, 11, 12

Course Length: All year

Prerequisites: None

Credits: 2

Extra Fees: None

The purpose of study hall is to provide a period of time for students to do homework and study. Candidates for study hall courses are students who have a full load of courses and are involved in after-school activities. Additionally, students who have irregular schedules will sometimes be placed in a study hall because there were no other needed classes offered during a particular time slot. The strictness of the class in terms of talking may vary from teacher to teacher, but it is intended to be a study hall, not a social hall.

PHYSICAL EDUCATION

645	PHYSICAL EDUCATION
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Grade Level: 9, 10, 11, 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

High school physical education is primarily designed for the KCHS student who does not participate in after-school competitive sports. During the semester, students will participate in a variety of games including, but not limited to, volleyball, frisbee golf, kickball, soccer, flag football, volleyball, walking, and more. Appropriate gym shorts and P.E. shirt are required. The students will complete a basic first aid test and a final group project.

641	WEIGHTLIFTING / CONDITIONING
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Grade Level: 9, 10, 11, 12
Course Length: All year
Prerequisites: None

Credits: 10
Extra Fees: None

This class is designed to emphasize proper techniques of stretching and warm-up prior to lifting, and proper use of all lifting stations. Students will gain strength, endurance and cardiovascular fitness through lifting weights and some running. A written exam may also be part of the class. Students are required to dress out. Appropriate dress for the class is sweatpants or shorts and athletic shoes.

Basic Text/Publisher: National Gym Association Certification Course

COMPETITIVE SPORTS

609	FOOTBALL (JV)
610	FOOTBALL (V)

Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Fall sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Competition in football is provided at the CIF high school level.

614	VOLLEYBALL (JV)
615	VOLLEYBALL (V)

Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Fall sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Competition in volleyball is provided at the CIF high school level.

619	BASKETBALL (JV)
620	BASKETBALL (V)

Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Winter sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Competition in basketball is provided at the CIF high school level.

630	BASEBALL (JV)
631	BASEBALL (V)

Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Spring sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Competition in baseball is provided at the CIF high school level.

636	SOFTBALL (JV)
640	SOFTBALL (V)

Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Spring sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills through the use of intermediate and advanced techniques and knowledge. Competition in softball is provided at the CIF high school level.

650	TRACK
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Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Spring sports season	Extra Fees:	\$25 sports fee
Prerequisites:	Sports physical		

This course will emphasize and develop skills through the use of intermediate and advanced techniques and knowledge. Competition in track is provided at the CIF high school level.

624	CHEERLEADING
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Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Fall & winter sports season	Extra Fees:	\$25 sports fee + uniform
Prerequisites:	Sports physical		

This course will emphasize and develop individual and team skills for the purpose of supporting our KCHS athletic teams. Extra cheer competition opportunities are also available.

697	SPORTS MANAGER
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Grade Level:	9, 10, 11, 12	Credits:	5
Course Length:	Sport season	Extra Fees:	\$25 sports fee
Prerequisites:	None		

The sports manager is considered a part of whatever team or teams they manage. They are responsible to help set up for practices and games, record keeping, and assisting the coach during, before, and after practice in whatever tasks the coach may assign.