

2025-26 Course Descriptions





“A good school provides a rounded education for the whole person. And a good Catholic school, over and above this, should help all its students to become saints.”

- Pope Benedict 16th
Address to Teachers and Religious, 2010

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Message from the President, Mr. Richard Sompayrac

Welcome to Knoxville Catholic High! From the classroom to the theatre, from the chapel to the playing fields, KCHS is preparing scholars, leaders, champions and saints. Established in 1932, Catholic empowers students with the essential skills and knowledge needed to thrive in college and beyond. One of our primary goals is to ensure that each student's individual skills and talents are nurtured and realized through the comprehensive academic and co-curricular programs offered within our school. Most importantly, Knox Catholic is a community of faith and academic excellence, where every student is known, loved and called to greatness! It is our hope this book will provide beneficial information on our curriculum, program offerings, and academic pathways to help every student have a fulfilling, holistic experience the next four years.

Message from the Vice-President of Academics, Dr. Sedonna Prater

At KCHS, we are committed to Pope Francis' call to all educators to "nurture the desire for truth goodness and beauty that lies in the heart of each individual, so that all may learn how to love life and be open to the fullness of life." The courses within our high school program encourage students to build-upon their God-given gifts and talents by deepening knowledge and experiences in a wide array of disciplines. Our dedicated faculty and team of counselors work closely with students and parents to help students identify their own personal academic goals to develop a unique academic program. This holistic approach allows for a unique high school experience for each individual based on individual strengths, college aspirations, co-curricular activities and life outside of KCHS. This **Course Description Book** is also on the KCHS website, <https://knoxvillecatholic.com/>

Our Vision

To be a cornerstone of Catholic school education , inspiring young people through the ministry of Christ.

Our Mission

Knoxville Catholic High School, in partnership with parents and supporting parishes, is dedicated to teaching the Gospel, igniting love for learning, and nurturing individual growth in body, mind, and spirit, as students are prepared to be disciples of Christ who influence a constantly changing world.

Our Philosophy

“From the first moment that a student sets foot in a Catholic school, he or she ought to have the impression of entering a new environment, one illumined by faith, and having its own unique characteristics.”

- The Religious Dimension of Education in a Catholic School

Knoxville Catholic is ...

- Centered in the Person of Jesus Christ
- Distinguished by Excellence
- Committed to the Educating the Whole Child
- Steeped in a Catholic Worldview
- Sustained by Gospel Witness
- Shaped by Communion and Community
- Accessible to All Students



Formational Goals



Teaching the Gospel

- † Develop knowledge of the faith that leads to a deeper relationship with Christ and service to others
- † Develop an abiding sense of Christ's presence in self and others
- † Promote an active faith community
- † Model Gospel values



Ignite a Love of Learning

- † Provide a curriculum that meets a broad range of abilities and interests
- † Create an environment that opens minds to learning
- † Provide the opportunity to acquire skills and knowledge for continued educational development



Nurturing Individual Growth

- † Promote respect for self and others
- † Develop self-discipline, self-esteem, and self-confidence
- † Foster wellness and wholeness
- † Encourage fulfillment of individual potential

Honor Code

Students and faculty at KCHS strive to create a Christian environment wherein all work to uphold human dignity. It is the right, privilege, and responsibility of each student and faculty member to create an atmosphere of honor and trust.

A Brief History



1932

Though the Great Depression threatened to defeat plans for a new Catholic high school in Knoxville, the old Ashe home at 1610 East Magnolia Avenue was purchased and the Sisters of Mercy opened the school to 98 young men and women in the Fall of 1932.



1952

Knoxville Catholic became an accredited member of the Southern Association of Colleges and Secondary Schools. Facilities were expanded to accommodate growing enrollment, and included a gymnasium, auditorium, science labs, library, cafeteria and chapel.



2000 to present

After almost seven decades on Magnolia Avenue, the new Knoxville Catholic High School at 9245 Fox Lonas Road was dedicated in 2000. In the past 20 years, growth has included the additions of Schaad Hall, Faris Fieldhouse, Blaine Stadium, Baylor Field and the St. Gregory the Great Auditorium.

General Overview

This Course Description Catalog is designed to help students plan their program of study at KCHS. School Counselors are available to assist in this process. Each course offered is described in this catalog and each description includes prerequisites, credit value, and academic level: College Preparatory (CP), Honors (H), or Advanced Placement (AP). School Counselors advise students on an individual basis evaluating ability, demonstrated work ethic, and teacher recommendation. How a course will affect a student's GPA is not the sole factor in academic advising or course planning. Elective course offerings are dependent upon teacher availability and student interest. Full credit courses (1 credit) span two semesters, and half credit courses (.5 credit) are single semester courses. Semester courses may be offered in the first semester, second semester, or both semesters.

Honors courses receive an additional half (.5) quality point and Advanced Placement and Dual Enrollment courses receive an additional one (1) quality point when calculating a weighted grade point average. Please refer to the grading scale below for specific information.

Grading Scale

Grade point averages are based on a quality point system that weights grades according to academic level.

	AP & DE	Honors	CP	Unweighted
90-100 A	5.0	4.5	4.0	4.0
80-89 B	4.0	3.5	3.0	3.0
70-79 C	3.0	2.5	2.0	2.0
60-69 D	2.0	1.5	1.0	1.0
0-59 F	0.0	0.0	0.0	0.0

Students do receive credit, but do not receive quality points, for Directed Study Hall which is a Pass/Fail course. This course does not calculate into the GPA. Students receive neither credit nor quality points for Study Hall and Teaching Assistant; therefore, these offerings do not calculate into the GPA.

Special Services Policy

KCHS has developed a resource program over the years to include as many students of varying abilities as possible; however, all of our students are fully included in the classroom and need to be able to function with supports in place that do not require a one-to-one student/teacher ratio for implementation. KCHS does not offer a comprehensive developmental program and is not equipped to handle severe learning disabilities, behavioral/emotional disorders, or other conditions that require a modified curriculum or intensive behavioral support.

Programs of Study

KCHS offers several programs of study (described below). Students are placed in these programs based on teacher recommendation, academic progress, demonstrated ability, and specific individual needs. Students must meet all requirements and prerequisites for each course as indicated in the specific course description.

Advanced Placement (AP): Advanced Placement courses are developed from the standards of the College Entrance Examination Board (CEEB) to offer courses to qualified students who can complete college level courses in secondary school. All AP students are required to take the first semester exam and are also required to take the AP Exam. The fee for taking the AP exam in the spring is generally \$97 per exam and is billed monthly through the KCHS Business Office. The cost per exam is determined by the College Board and is subject to change. Parents may opt to pay all fees at any time or to space payments out over the course of the year; however, all fees are to be paid in full by the end of April. The cost can be substantial for students enrolled in multiple AP courses. Upon request to the Academic Dean or a School Counselor, KCHS will review circumstances that might prevent a family from meeting these expenses and will reduce or waive fees as funds allow.

Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board) at an additional cost depending on the circumstances. A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class. A score of three or better (out of five) on the examination is considered to be a passing score by CEEB. The AP exam score does not impact the semester grade the student receives for the course. College credit is awarded by individual colleges and therefore varies in the opinion of the Academic Dean and the Guidance Department, a student's educational experience from an AP course is greatly increased, even if the exam score is below three.

Juniors and seniors are limited to five AP classes with study hall strongly encouraged.

Sophomores are limited to three AP classes with study hall strongly encouraged. Some AP courses require substantial student work over the summer preceding the class. Due to the increased workload associated with an AP course, students are urged to consider outside commitments, such as sports, jobs, and religious formation obligations, when determining class load. A student who drops out of an AP course is not automatically placed in an Honors level course.

AP Offerings 2025-26 20 AP Courses Taught at KCHS			
Art Studio AP (3 Options) -2D Art & Design Studio Graphic Design -3D Art & Design -Drawing	English 10: AP Seminar	Physics 1 AP	Human Geography AP
Biology AP	English 3 AP	Physics C: Mechanics AP	Comparitive Government & Politics AP
Calculus AB AP	English 4 AP	Physics C: Electricity & Magnetism AP	United States Government & Polotics AP
Calculus BC AP	French AP	Statistics AP	US History AP
Chemistry 2 AP	Spanish AP	European History AP	World History: Modern AP

Honors (H): These courses are designed to challenge academically gifted students to pursue their studies at an accelerated pace and in greater depth than at the CP level. Intense independent study, research, analysis, and critical thinking characterize courses at this level. Students selected for honors courses must demonstrate the capacity to perform consistently at this level. Teachers recommend students to honors courses based on demonstrated performance and according to requirements specified in the course description. Self-motivation and time management skills are key to being successful in an honors level class.

College Preparatory (CP): The majority of students at Knoxville Catholic High School are placed in College Prep courses. Some independent study and a fast-learning pace characterize this level. Students selected for these classes are expected to accept a rigorous college preparatory course of study.

Non-designated courses: These courses are offered within the College Prep level to primarily freshman and sophomore students. They feature close teacher supervision and small class sizes. Non-designated courses teach content using alternative methods and capitalize on individual learning styles.

Dual Enrollment (DE) is a postsecondary course, taught either on the campus of Pellissippi State Community College (PSCC) or online by postsecondary faculty. Students are enrolled at PSCC and may earn postsecondary credit upon completion of the course. Qualified students are eligible for the DE Grant, provided by the TN Lottery Corporation, which covers tuition costs for up to five (5) DE courses. **All post-secondary receiving institutions make the decision whether to grant credit and how it applies to a student's program of study.** Students are encouraged to research this information prior to enrolling in a DE course.

DE courses and final grades will become a permanent part of the student's college transcript. Students will be regarded as college students in all respects. Under the Family Educational Rights and Privacy Act (FERPA), college faculty and staff are prohibited from discussing student's attendance, grades, or other matters with parents/guardians unless the student completes a Disclosure of Records Form from the college.

Student Requirements:

- The student must be a junior or senior.
- The student must have an **unweighted 3.0 GPA** and meet the test score requirements listed below **by February of their junior year:**
 - ACT/Pre-ACT score of 18 in English and 19 in Reading **OR**
 - SAT/PSAT score of 500 in Reading and Writing,
 - **Pre-ACT/PSAT scores are only accepted for rising juniors.**
 - Students with a 3.6 unweighted GPA are exempt from providing test scores for most courses.
- Must attend required enrollment meetings at KCHS during the spring and fall.
- Must read and sign the KCHS DE policies.
- Must maintain at least a 2.0 college GPA to remain eligible for the DE Grant.

DE Classifications

Dual Enrollment with Dual Credit: Qualified juniors and seniors may take approved courses during the KCHS school year. ***These courses will appear on the KCHS transcript and will receive an additional quality point when calculating the weighted GPA, so long as the total number of courses for a given semester does not exceed eight.*** Students will earn .5 high school credit and up to three (3) college credit hours for successful completion of a semester course. ***Approved English DE courses (e.g., English 1010, and English 1020) are the only courses that can replace the KCHS English graduation requirement.***

Dual Enrollment for Enrichment (NO KCHS CREDIT EARNED): Qualified juniors and seniors may take additional courses either during or outside of the academic year. ***These courses will not appear on the KCHS transcript and do not count toward KCHS graduation requirements. They may not be used to replace or substitute a KCHS course and cannot be taken as a stepping-stone to a course offered at KCHS.***

Freshman Placement

At Knoxville Catholic High School, incoming freshmen are evaluated and assigned to the appropriate instructional level in each course. These initial evaluations are based on previous grades, previous level of study, placement test results, application essay, a timed writing prompt under the direction of a KCHS English teacher, and 8th grade teacher recommendations. (Please note: A student who took Algebra or Spanish in middle school is not guaranteed placement into the next level at KCHS). Course assignments are made by the President, Academic Dean, Dean of Admissions, School Counselors, and Department Chairs. In the spring of each subsequent year, students are reevaluated and course level recommendations are made by subject area teachers. No credit for 8th grade courses will be counted on the high school transcript.

Schedule Changes

KCHS teachers, school counselors, and administrators go to great lengths to properly place students for the coming school year. Therefore, requests to drop scheduled courses or change a course level are rarely granted. However, students may request changes by the end of the first week in June. The first two weeks of school are used as an Academic Evaluation Period. During this time counselors and administrators review parent, teacher, and student concerns about the academic fit in classes. A student who drops from an AP course is not automatically placed in an Honors level. All elective courses requested by the student at the time of course selection will be scheduled, in the student's order of preference, as the master schedule allows. Students should choose these courses very carefully. Listing an elective on the course selection form, regardless of preference, indicates that the student is willing to take the course.

Examples of acceptable reasons for schedule changes:

- The teacher or School Counselor feels that the student is misplaced academically. The student must choose an alternative course because of scheduling conflicts.

Once a student commits to a replacement course, he will be required to remain in the course.

Examples of unacceptable reasons for schedule changes:

- The student wishes to withdraw from a class due to GPA considerations.
- The student does not like the teacher or class.
- The class interferes with a job or extracurricular activity.
- The student wishes to change classes to be with friends.

Course Level Overrides: Though it is not recommended, it is possible for students and parents to override a teacher’s recommendation. Data collected from KCHS students who have chosen to override a teacher recommendation shows that overriding a course is not advantageous to the GPA of the majority of students.

Overrides to courses (e.g., Algebra 1 H to Algebra 2 H; Spanish 1 H to Spanish 2 H) are not granted. Overrides within course levels (e.g., Algebra 1 CP to Algebra 1 H; Spanish 1 CP to Spanish 1 H) are considered.

Overrides to take double math in freshman or sophomore year are not granted.

Requests for overrides generally take place in the last week of school and no later than the day before students receive their new schedule. Override requests received after this time will be considered on a case-by-case basis. Staffing restrictions may limit override requests. When overriding a course, the family must read and sign Course Override paperwork. The Counselor will submit the override request to the Academic Dean for final approval. At this time, the family acknowledges in writing that they agree to seek, if necessary, additional resources, including tutoring to help the student through the course. If the student is on the KCHS Census (a list of students who receive special accommodations per an individual Student Support Plan—SSP), the family acknowledges that no additional accommodations will be provided beyond what is already on the current SSP.

The administration reserves the right to make the final decision in cases where an override happens in consecutive years. For example, a sophomore who overrides into Algebra 2 H, scores poorly, and in his junior year wants to override into Geometry H, may be denied. Overrides to AP courses are not granted.

Graduation Requirements

To earn a diploma from Knoxville Catholic High School a student must earn 26 credits. Please note that during four years at KCHS each student will have the opportunity to earn a maximum of 32 credits. A summary of required credits includes:

<u>Credits</u>	<u>Subject</u>
4.0	Religion (1 course each year)
4.0	English (1 course each semester for 8 semesters)
<u>Credits</u>	<u>Subjects</u>
4.0	Mathematics (minimum of 1 course each year)
3.0	Science (must include Biology & Chemistry) (4 recommended)
1.0	Fine Arts (.5 must be in Production or Performing Art)
2.0	World Language (2 years of the same language, 3 or more years recommended)
3.0	Social Studies
0.5	Lifetime Wellness PE
0.5	Lifetime Wellness Health
0.5	Additional PE
0.5	Personal Finance
3.0	Electives

Students may receive up to .5 credit of the 1.5 required credit for PE by playing a school-sponsored sport (e.g., football, lacrosse, softball) or by participating in a school-sanctioned activity (e.g., rugby). Students may also receive credit for 65 hours of documented physical activity outside of the school system during one academic year (e.g., rowing, dance).

All students earning this half credit in a course other than PE, Weight Training, or Dance are required to submit an Athletic Participation Verification Form (obtainable from a School Counselor or Schoology/Canvas). The form must be submitted to the School Counselor by the first day of second semester exams. Transcripts will be updated with a grade of “Pass” to reflect the .5 credit.

Early Graduation: Students with exceptional academic or athletic opportunities may be considered as candidates for early graduation. The student:

Must contact the School Counselor regarding possible early graduation during Course Selection week of junior year.

Must complete an application for early graduation before April 1st of the junior year.

Must submit a letter from the intended college validating exceptional opportunity.

Must have attended KCHS the entire junior year.

Must qualify for Dual Enrollment

Must have completed required Dual Enrollment courses by the first day of fall semester of the senior year. If the student fails the Dual Enrollment course, he will be ineligible for early graduation and will be scheduled into the appropriate KCHS classes to facilitate a regular May graduation.

Typical Course of Study

Freshman

Religion I	English 1
Math	World Language
Biology	Lifetime Wellness PE *
Lifetime Wellness Health*	Study Hall (Mandatory)
1.5 Electives (Fine Art and Media Studies recommended)	
*Recommended 9th or 10th grade year	

Sophomore

Religion 2	English 2
Math	World Language
Chemistry	World History
2.0 Electives (Fine Art recommended)	

Junior

Religion 3	English 3
Math	Science
U.S. History	3.0 Electives
(World Language recommended as one elective)	

Senior

Religion 4	English 4
Math	U.S. Government (.5 or 1.0)
Economics (.5)	
3-4 Electives (Science and World Language are recommended as electives)	

Anchor Standards Across the Curriculum

To be learned across all grade levels and across all curriculum areas/disciplines.

Human Formation

- Integrate these programmatic goals and live them as a unified whole.
- Recognize their family as the domestic Church
- Recognize the dignity of the human person, made in the image and likeness of God
- Recognize their own sacred dignity
- Foster healthy human relationships based on a Christian understanding of the human person

Spiritual Formation

- Profess the faith and life of the Church
- Recognize the individual's membership in the Communion of Saints
- Develop a life of liturgical, sacramental, and personal prayer
- Experience a variety of devotional practices
- Develop a well-formed conscience

Intellectual Formation

- Articulate our Catholic faith
- Examine God's revelation contained in Sacred Scripture and Sacred Tradition
- Know and analyze Creed and Church Doctrine
- Summarize the rich tradition of the Church from its divine institution to the present day
- Defend the reasonableness of their faith
- Discover the moral teaching of the Church

Discipleship Formation

- Nurture a personal relationship with Jesus Christ
- Participate in the life and mission of the Church
- Develop a life of liturgical, sacramental, and personal prayer
- Respond to God's grace by living a virtuous life

Discern their personal gifts and their individual call to witness to the Gospel



“What makes the Catholic school distinctive is its attempt to generate a community climate in the school that is permeated by the Gospel spirit of freedom and love. It tries to relate all of human culture to the good news of salvation so that the light of faith will illumine everything that the students will gradually come to learn about the world, about life, and about the human person”.

- The Religious Dimension of a Catholic School

Religion Courses

The purpose of the Religion Department is to proclaim and teach the Christian message in a way that is both systematic and pastoral. The content of the Faith and the teachings of the Church provide a foundation for the development of our students’ spiritual lives in order that they might grow in understanding what it means to be disciples of the Lord Jesus. Opportunities for the gift and nurturance of faith are made available through liturgical and pastoral activities both in and out of the classroom. Ultimately, the goal of the department is to assist in leading students to full identification with Jesus as lived within a rich Catholic tradition. Students take a religion course for two semesters each year in attendance.

Introduction to Catholicism CP

This course is designed for students whose comprehension and personal comfort in future religion classes would benefit from a practical and pastoral yet systematic presentation of the fundamentals of the Catholic Faith. The course introduces students to liturgical practice and gives an overview of the major beliefs that are at the heart of the Faith, with an emphasis on the existence and Revelation of God, the Bible and the relationship between the Old and New Testaments, the Person of Jesus Christ and the Paschal Mystery, and the role of grace in the believer's response to God's Revelation by the moral life and prayer.

Grade 9

1 Credit

Religion 1 CP - Old Testament CP

Religion 1 introduces students to the unique history of KCHS and the basic practices and traditions of the Catholic Faith. From there, students will encounter the Old Testament in its historical context and learn interpretative techniques in light of established Catholic practices. Ultimately, students will encounter the living Word of God, Incarnate in Jesus Christ.

Grade 9

1 Credit

Religion 2 CP - Morality, Sacraments, and The Spiritual Life CP

Morality and Sacraments is intended to invite students to engage more deeply with the Lord Jesus and live more fully in the Holy Spirit. Students explore the meaning of freedom and the power of grace and enabling us to live as God calls us to do. Students study the roles of freedom, truth, conscience, virtue, law, and grace in authentic human flourishing. Through study of the Ten Commandments and the Beatitudes and analysis of the sacraments in the spiritual life, students are invited to recognize the "joy and the demands of the way of Christ" (CCC,1697)

Grade 10

1 Credit

Religion 3 CP - Sacred Scripture CP

In this course, the student will analyze the Old and New Testaments in their literary forms, including a study of the major divisions of Scripture and how they are related to faith life today. Students have the opportunity to discover the Person of Jesus Christ by examining the theological and historical content of the Bible. Students also develop a deeper understanding of the relevance of Scripture to their lives and of the challenge of Christian living.

Grade 11

1 Credit

Religion 4 CP - Christian Vocation CP

Christian Vocation echoes the Church's call to each person to behold his or her dignity as a child of God and to the union with God for which he or she was made. In light of this call, the students grow in knowledge of themselves and of the need for virtue and apply this knowledge to the dynamics of human relationships. Incorporating Saint John Paul II's Theology of the Body and a variety of examples from modern times, the course invites students to consider the joy found in self-giving love, and how those called to each state in life live that gift.

Grade 12

.5 Credit

Religion 4 CP – Apologetics CP

In Apologetics students apply their understanding of Church teaching to the questions commonly asked about God, Christianity, and the Catholic faith. They learn to respond to those questions using Sacred Scripture and Sacred Tradition so that they are able to clarify misunderstandings that arise in college and beyond. At the end of the course, students should be able to carry out 1 Peter 3:15-16 "Always be ready to give an explanation to anyone who asks you for a reason for your hope, but do it with gentleness and reverence, keeping your conscience clear."

Grade 12

.5 Credit



Religion Electives

Campus Ministry

Campus Ministry trains students who show leadership potential or who already exhibit leadership qualities to be spiritual leaders in their school community, primarily through retreat ministry. Students will work to sharpen skills such as public speaking, active listening, teamwork, discussion facilitation, effectively communicating, anticipating needs, discipleship, flexibility, problem-solving, goal-setting and long-term planning, giving directions effectively to a large group, and personal and group prayer; well as prepare to invite others into participation in the school's spiritual life through contemplative and intercessory prayer, constructing their personal testimony, and being of service to the school community both behind and in-front-of the scenes. Students will serve their peers and community through the planning and execution of retreats, liturgies, school-wide prayer, and other events in the faith life of the school.

Grades 11, 12

Prerequisites: Application, interview, and teacher signature required

.5 or 1 Credit

Christian Pilgrimage

Christian Pilgrimage will use the ancient Christian practice of pilgrimage to explore personal vocations as Christians. Christians have long believed that pilgrimage helps in recognizing the spiritual importance of place and time within the life of the Church. As part of the course, students will examine famous pilgrimages (e.g., Camino de Santiago, Rome, Jerusalem) and consider the religious implications of pilgrimage. However, the primary activity of this course will be to use each individual's "place and time" to gain experience of what a pilgrimage can be like and how it can inform understanding of vocation. Students will use KCHS's unique location as a pilgrimage site to go out into the city of Knoxville and engage in direct observation, mapping exercises, writing assignments, and discussions with Knoxville's civic and religious leaders.

Grades 11, 12

Prerequisite: Teacher signature required

.5 Credit



English Courses

Students must earn four English credits AND take an English class each semester of high school. Students who complete these courses should be well-prepared for college with a solid background in literary studies, grammar, composition, and research skills. In order to move from a lower-level English course to a higher-level, in addition to the grade requirement, students must have also demonstrated work ethic in the estimation of the teacher, as demonstrated through:

1. Insightfulness and thoroughness of submitted work
 2. Promptness /timeliness in submitted work
 3. Consistent and meaningful class participation, particularly through discussions and seminars
-

English Options **4 YEARS REQUIRED**

9 th	10 th	11 th	12 th
English 1	English 2	English 3	English 4
English 1 CP	English 2 CP	English 3 CP	English 4 CP
English 1 H	English 2 H	English 3 H	English 4 H
	English 10: AP Seminar	English 3 AP	English 4 AP
			English 4 Dual Enrollment

NEED ACT SCORE BY FEB TEST
3.0 GPA and 18 on *English*
& 19 on *Reading* OR
unweighted 3.6 GPA

English 1

English 1 is designed for students who thrive in an individually focused classroom. This course follows a college preparatory curriculum and meets all local and state standards. English 1 utilizes and teaches the student alternative approaches to learning the material. This course provides a strong foundation in writing skills, study skills, literary analysis, and discussion. Students are introduced to short fiction, novels, and the writing process. Components of a research paper are completed in this course.

Grade 9

1 Credit

English 1 CP

English 1 CP challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres. In literature, students will read short stories, drama, poetry, non-fiction, and a novel (or novels). The course guides students in the close reading and critical analysis of classic works of literature and helps them build a vocabulary necessary for literary studies. In composition, students broaden their composition skills by examining model essays in various genres by students and published writers. Through in-depth planning, organizing, drafting, revising, proofreading, and feedback, they hone their writing skills. Students build on their grammar, usage, and mechanics skills with in-depth study of sentence analysis and structure, agreement, and punctuation. Students will learn the skills necessary for research-supported writing, and MLA conventions.

Grade 9

1 Credit

English 1 H

English 1 H challenges students to improve their written and oral communication skills, while strengthening their ability to understand and analyze literature in a variety of genres. As this course is designed for students with an above average ability in language arts, they will sometimes work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned. In literature, students will read short stories, drama, poetry, non-fiction, and a novel (or novels). The course guides students in the close reading and critical analysis of classic works of literature and helps them build a vocabulary necessary for literary studies. In composition, students broaden their composition skills by examining model essays in various genres by students and published writers. Through in-depth planning, organizing, drafting, revising, proofreading, and feedback, they hone their writing skills. Students build on their grammar, usage, and mechanics skills with in-depth study of sentence analysis and structure, agreement, and punctuation. Students will learn the skills necessary for research-supported writing, and MLA conventions.

Grade 9

1 Credit

English 2

English 2 is designed for students who thrive in an individually focused classroom. This course follows a college preparatory curriculum and meets all local and state standards. English 2 utilizes and teaches the student alternative approaches to learning the material. This course continues to build on a strong foundation formed in English 1 writing skills, study skills, literary analysis, and discussion. Students continue their study of short fiction, novels, and the writing process. They are also introduced to poetry, drama, and non-fiction. Students will expand their research writing skills while continuing to practice MLA conventions.

Grade 10

Prerequisite: English 1 or English 1 CP

1 Credit

English 2 CP

In this course, students build on existing literature and composition skills and move on to higher levels of sophistication. In world literature, students hone their skills of literary analysis by reading short stories, poetry, drama, novels, and works of nonfiction, both classic and modern. In composition, students become more proficient writers and readers. In composition lessons, students analyze model essays from readers' and writers' perspectives, focusing on ideas and content, structure and organization, style, word choice, and tone. Students receive feedback during the writing process to help them work toward a polished final draft. Students expand their knowledge of grammar, usage, and mechanics through sentence analysis and structure, syntax, agreement, and conventions. Unit pretests identify skills to address more fully. Students will expand their research writing skills while continuing to practice MLA conventions.

Grade 10

Prerequisite: English 1 (any level)

1 Credit

English 2 H

In this course, students build on existing literature and composition skills and move on to higher levels of sophistication. As this course is designed for students with above average abilities in language arts, they will work on independent projects that enhance their skills and challenge them to consider complex ideas and apply the knowledge they have learned. In world literature: students hone their skills of literary analysis by reading short stories, poetry, drama, novels, and works of nonfiction, both classic and modern. The first semester of English 2, in particular, focuses heavily on the development of writing skills. In composition, students become more proficient writers and readers. In composition lessons, students analyze model essays from readers' and writers' perspectives, focusing on ideas and content, structure and organization, style, word choice, and tone. Students receive feedback during the writing process to help them work toward a polished final draft. Students expand their knowledge of grammar, usage, and mechanics through sentence analysis and structure, syntax, agreement, and conventions. Unit pretests identify skills to address more fully. Students will expand their research writing skills while continuing to practice MLA conventions.

Grade 10

Prerequisite: 95+ in English 1 CP or 90+ in English 1 H

1 Credit

English 10 AP Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas. This course fulfills the requirement for English 2.

Grade 10

Prerequisite: Application Required

1 Credit

English 3

English 3 is designed to further solidify the critical reading, writing, and research skills taught in English 1 and 2. Structurally, the class is smaller in size and adjusted in pace to meet students' individual learning needs. English 3 primarily uses American literature—both fiction and non-fiction, classic and contemporary—to practice the modes of writing necessary for college. Specific attention is given to argumentation, rhetoric, and synthesis. In addition, students are expected to adhere to MLA formatting and grade-level use of Standard English conventions.

Grade 11

Prerequisite: English 2 or English 2 CP

1 Credit

English 3 CP

English 3 CP focuses on fiction, non-fiction, poetry, and drama from the American canon. Students continue to study vocabulary and develop writing skills as they compose essays and analytical research essays following MLA conventions. This course focuses on writers from the Puritan through the Modern Era. A review of grammar, usage, and mechanics is included.

Grade 11

Prerequisite: English 2 (any level)

1 Credit

English 3 H

English 3 H is designed for students who demonstrate an above average ability in reading comprehension, critical thinking skills, and composition. This course focuses on writers from the Puritan through the Modern Era and includes all genres of literature. Analytical essays and a research paper are literature based following MLA conventions. Students continue to expand their vocabulary and creative writing skills. A review of grammar, usage, and mechanics is included.

Grade 11

Prerequisite: 95+ in English 2 CP, or 90+ in English 2 H

1 Credit



English 3 AP

English 3 AP (English Language and Composition) “is an introductory college-level composition course. Students cultivate their understanding of writing and rhetorical arguments through reading, analyzing, and writing texts as they explore topics like rhetorical situation, claims and evidence, reasoning and organization, and style” (AP central AP Lang Course Overview). Students focus primarily on non-fiction (few fiction works will be explored) from the sixteenth to the twenty-first centuries. This course requires a significant amount of writing both in class (often under time pressure) and outside of the classroom with teacher and peer critiquing and evaluations. American Literature is taught as a sub-course to AP Language and Composition. Students will independently read several American authors, take directed notes from these readings, and participate in class discussion of these texts. Although American Literature is the foundation of the course, readings (often under time pressure) will also include world literature and both contemporary and canonical authors, some in translation. Students will be monitored by quizzes and tests, and in some cases projects, essays, or graded discussions, to ensure that they are completing the required work. Multiple major revision assignments and argumentative research are required.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year’s AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grade 11

Prerequisites: 90+ in English 2 H or 95+ in English 2 CP and teacher recommendation regarding work ethic. Scores in the 90th percentile on the PSAT verbal/reading sections are recommended to be considered for admission to AP English Language and Composition.

Application and completion of a summer assignment are required.

1 Credit

English 4

English 4 is designed for students who benefit from individual focus and an adjusted pace. In this course, students will build on the foundations of their previous three English courses, honing the critical reading, writing, and research skills necessary for the college classroom. English 4 students will read a range of fiction and non-fiction, from literary classics to contemporary poetry, with the goal of entering the discourse with writing, discussion, and presentations. Composition, grammar, and mechanics skills will be taught in a daily workshop setting.

Grade 12

Prerequisite: English 3 or English 3 CP

1 Credit

English 4 CP

English 4 CP offers a survey of British literature from the Medieval period to the present. Students will study key works of poetry, drama, short stories, and novels. There is a strong focus on crafting essays and responding to literature and other styles of writing in preparation for college. Analyzing literature, critical thinking skills, and vocabulary building are strong components in this class.

Grade 12

Prerequisite: English 3 (any level)

1 Credit

English 4 H

English 4 H is designed for students with a demonstrated above average ability in critical thinking, literary analysis, reading comprehension, and composition. Students must also possess a dedicated work ethic which enables independent study. This course is loosely designed to follow the British canon chronologically from the Anglo-Saxon to the Modern periods with a strong emphasis on representative writers of each era, and the prevalent thoughts of each era, as influenced by religious, social, and educational changes. Students will craft essays responding to British literature and supported by critical theory and independent research, while demonstrating a firm understanding of MLA conventions.

Grade 12

Prerequisite: 93+ in English 3 CP or 90+ in English 3 H

1 Credit

English 4 AP

English 4 AP offers the opportunity to combine the study of English and World Literature, composition, and research with college-level reading and discussion. Reading, interpreting, and evaluating representative works through discussion and writing is the major focus of the course. Recognizing the societal, religious, political, and cultural influences that directly impact the development of literature and making connections across literary time periods and disciplines are a result of reading, interpretation, and evaluation of these representative works. Critical thinking skills, analytical skills, vocabulary, literary analysis, and formal and creative writing skills are honed as this process takes place.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grade 12

Prerequisites: 95+ in English 3 CP, 93+ in English 3 H or English 3 AP in addition to a demonstrated work ethic, maturity, and dedication to study. Scores in the 90th percentile on the verbal portion of the PSAT are necessary for reading and comprehending course texts.

Application and completion of a summer portfolio are required.

1 Credit

English 4 Dual Enrollment

KCHS students typically take:

- **English 1010 (semester 1, .5 credit)** – Study and practice of expository and persuasive writing. Topics include critical reading and writing essays, with emphasis on research, writing processes, and effective formatting.
- **English 1020 (semester 2, .5 credit)** – Analytic writing based on the study of literature and practice of research writing.

Students must pass both semesters of DE English to satisfy the KCHS English graduation requirement. A qualifying AP score on the AP English Language exam may allow a student to select different English courses, with the help of the DE Coordinator at PSCC.

Grade 12

Prerequisites: English 3 (any level), an unweighted 3.0 GPA and meet the following test score requirements by February of junior year: ACT/Pre-ACT score of 18 in English and 19 in Reading or an SAT/PSAT score of 500 in Reading and Writing. Students with a 3.6 unweighted GPA do not need to provide qualifying test scores.

1 Credit

English Electives

Book Love CP

Book Love is what the title suggests: a course for students who love to read. This course expands upon student-selected pleasure reading that some students have experienced in their KCHS English classes. Students will read popular, best-selling, influential, young-adult, and classic books that they select (Parents will monitor student selections). Students should be eager to challenge themselves as readers and promote and discuss books. Students enrolling in this course should expect to complete considerable in-class reading (tracking required) and keep reading logs and promote reading through projects. No homework will be assigned.

Grades 9,10,11,12

.5 Credit

Creative Writing CP

Creative Writing is designed to improve the student's ability to write creatively in multiple genres including, but not limited to, non-fiction, fiction, and poetry. Students write extensively in class, are required to have a notebook in which to keep drafts of their work and are required to share their work with peers. Students must be willing to receive constructive criticism and feedback from peers and the teacher. Students in creative writing are responsible for developing a yearly literary magazine for KCHS and must submit at least three pieces for consideration in the literary magazine.

Grades 10,11,12

Prerequisites: Successful completion of English 1 (all levels) with an 85+ average.

.5 Credit



Debate CP

The Debate course is designed to introduce students to the art of structured argumentation and critical thinking through formal debate techniques. Throughout this course, students will engage in research, reasoning, and public speaking to develop persuasive arguments on a variety of contemporary and historical issues. The course will cover the principles of debate, including logical reasoning, evidence analysis, counterarguments, and the effective use of rhetoric. Students will participate in individual and team debates, honing their ability to think quickly, speak confidently, and critically assess different perspectives. By the end of the course, students will have developed strong communication skills, a deeper understanding of current events, and the ability to engage in thoughtful, respectful discourse. This course is ideal for students looking to improve their speaking, reasoning, and listening abilities in both academic and professional settings.

Grades 10,11,12

Prerequisite: Public Speaking CP and English 1

.5 Credit

Public Speaking CP

This course is an introduction to speech communication which emphasizes the practical skill of public speaking, including techniques to lessen speaker anxiety. Students will also develop impromptu speaking techniques. Civility and ethical speech-making are the foundations of the course. Students will be prepared for success and gain confidence in typical and atypical speaking situations. Basic principles of organization and research essential for effective public speaking are taught during this course. Topics covered are:

- Introductory, Informative, and Persuasive Speeches
- Interview Skills
- Talking Points & Elevator Pitches
- Panel & Forum Speaking

Grades 9,10,11,12

.5 Credit



Math Courses

Students must earn four math credits **AND** take a math class each semester of high school. Students who take two math courses in one year will still be required to take a class each year (thus earning more credits than the required four). See “Science Courses” for exceptions to this requirement. Overrides to take double math in freshman or sophomore year are not granted. Exceptionally strong math students may petition to be considered to take Florida Virtual School Geometry H in the summer of the completed Freshmen or completed Sophomore year. They are required to pass the FVS course with a 90% and also pass KCHS 1st and 2nd semester Geometry finals with a minimum score of 90%. The math department strongly discourages students moving down math levels after 10th grade. Our goal is to increase math knowledge each year.

Math Options

4 YEARS REQUIRED

9 th	10 th	11 th	12 th
Algebra 1	Algebra 2	Geometry 3	Finite Math CP
Algebra 1 CP	Algebra 2 CP	Geometry CP	College Algebra CP
Algebra 1 H	Algebra 2 H (and Geometry H)	Geometry H	Pre Cal CP or H
		Pre Cal CP/H	Calculus H
Geometry H (and Algebra 2)	Pre Cal CP/H	Calculus H	Calculus AB AP
	Statistics AP (as an additional math)	Calc AB AP	
		Statistics H	
		Statistics AP	
			Physics CP, H, AP 1, either AP C

Algebra 1

This course follows a college preparatory curriculum and meets all local and state standards. The first semester of this course is designed to introduce and review basic mathematical concepts, such as operations with fractions and decimals, order of operations, finding the value of algebraic expressions, solving one- and two-step equations and inequalities, graphing linear equations, and finding the equation of a line. Students will later apply basic mathematical skills to topics such as solving systems of equations, factoring, solving quadratic equations, applications of linear and quadratic equations, and radicals. Students are required to have the TI-84 CE graphing Calculator.

Grade 9

1 Credit

Algebra 1 CP

This course is a comprehensive study of first year algebra. Students apply basic mathematical skills to topics such as order of operations, solving multi-step equations and inequalities, determining, and graphing the equation of a line, solving systems of equations, factoring, solving and graphing quadratic equations, applications of linear and quadratic equations, and radicals. This course is designed to encourage students to think on a higher conceptual level. Students are required to have the TI-84 CE graphing calculator.

Grade 9

1 Credit

Algebra 1 H

This course is designed for above average students who have demonstrated excellence in mathematics. Topics include determining and graphing the equation of a line, solving multi-step equations and inequalities, solving systems of equations, factoring, solving, and graphing quadratic equations, applications of linear and quadratic equations, radicals, exponential equations, and polynomials. Students are required to have the TI-84 CE graphing calculator.

Grade 9

Prerequisites: 8th grade teacher recommendation and a score in the 70th percentile or higher on the math portion of the KCHS Placement Test

1 Credit

Algebra 2

This course follows a college preparatory curriculum and meets all local and state standards. Algebra 2 is designed to develop greater proficiency in the fundamental concepts of Algebra and to improve logical thinking skills. Topics include linear equations and inequalities, systems of equations, matrices, functions, quadratic functions, logarithms, and exponential equations. Students are required to have the TI-84 CE graphing calculator.

Grade 10

Prerequisite: Algebra 1 or Algebra 1 CP for sophomores

1 Credit

Algebra 2 CP

This course is designed to develop greater proficiency in the concepts of Algebra and to improve the student's logical thinking skills. Topics include linear equations and inequalities, systems of equations, matrices, functions, quadratic functions, polynomials, logarithms, and exponential equations. Students are required to have the TI-84 CE graphing calculator.

Grade 10

Prerequisites: Algebra 1 CP or a 90+ test average in Algebra 1 with teacher recommendation and supplemental work.

1 Credit

Algebra 2 H

This course is designed for superior mathematics students who have demonstrated capability of abstract thought and advanced computational skills. Material is covered more rapidly and in greater depth than in Algebra 2 CP. Topics covered include linear and quadratic equations and inequalities, matrices, functions, polynomials, logarithms, exponential and rational functions, and conic sections. Students are required to have the TI-84 CE graphing calculator.

Grades 9,10

Prerequisite for sophomores: Teacher recommendation and a 95+ class average in Algebra 1 CP, or a 90+ class average in Algebra 1 H.

Prerequisite for freshmen: 8th grade teacher recommendation, a score in the 80th percentile or higher on the math portion of the KCHS Placement Test, and a score of 80% or higher on the KCHS Algebra 1 Proficiency Exam (or a combined score of at least 160 on the two)

1 Credit

Geometry

This course follows a college preparatory curriculum and meets all local and state standards. Students develop an understanding of basic geometric concepts and improve logical reasoning skills by learning to organize information. Topics covered include triangles, quadrilaterals, parallel lines, circles, right triangle trigonometry, area and volume of plane and solid figures. Students are required to have the TI-84 CE graphing calculator.

Grade 11

Prerequisite: Algebra 2 (any level)

1 Credit

Geometry CP

Students develop proficiency with geometric skills, expand understanding of geometric concepts, and improve logical reasoning skills by learning to better organize information. Topics covered include geometric proofs, congruence and similarity of figures, right triangle trigonometry, parallel lines, triangles, quadrilaterals, circles, and area and volume of plane and solid figures. Students are required to have the TI-84 CE calculator.

Grade 11

Prerequisite: Algebra 2 CP or a 95+ class average in Algebra 2 with teacher recommendation

1 Credit

Geometry H

Geometry Honors is designed for mathematically advanced students. Material is covered more rapidly and in greater depth than in the Geometry CP course with students being challenged to perform at a higher academic level. Topics covered include geometric proofs, congruence and similarity of figures, right triangle trigonometry, parallel lines, triangles, parallelograms, polygons, circles, and areas and volumes of plane and solid figures. Students are required to have the TI-84 CE graphing calculator.

Grades 9, 10,11

Prerequisites for juniors: 90+ class average in Algebra 2 H, or 95+ in Algebra 2 CP and teacher recommendation

Prerequisites for sophomores: Sophomores may be permitted to take both Geometry H and Algebra 2 H during the same year if the student has a 95+ class average in Algebra 1 H.

Prerequisites for freshmen: Freshmen may be permitted to take both Geometry H and Algebra 2 H during the same year if the student took Algebra 1 in 8th grade, has the 8th grade teacher's recommendation, scored in the 90th percentile or higher on the math portion of the KCHS Placement Test and scored 90% or higher on the KCHS Algebra 1 Proficiency Exam (or a combined score of at least 180 on the two)

1 Credit

Finite Math CP

Finite math will focus on a range of topics from Algebra, Geometry, and Statistics. First semester will cover topics including advanced linear application, introduction to trigonometric functions and applications, properties of rational and polynomial functions, logarithms, applying ratios and proportional reasoning, understanding probability, and interpreting graphical displays. Second semester will focus on an introduction to Statistics. Students are required to have the TI-84 graphing calculator.

Grade 12

Prerequisite: Geometry CP or ND and Algebra 2 ND and teacher recommendation. Students may not double up with another math course. Ineligible if completed Algebra 2 CP.

1 Credit

College Algebra CP

College Algebra is designed to allow students to further develop proficiency in algebraic skills and reasoning and to provide a solid basis for a Pre-Calculus course. Topics include right triangle trigonometry, equations and inequalities, factoring, quadratic equations, graphing, exponential, and rational functions. Students are required to have the TI-84 CE graphing calculator.

Grades 11,12

Prerequisites: Geometry or Geometry CP

1 Credit

Pre-Calculus CP

Pre-Calculus has two major divisions: the study of trigonometry and its applications and an extension of the topics covered in Algebra 2 with an emphasis on function theory and applications. Students are required to have the TI-84 CE graphing calculator.

Grades 11,12

Prerequisites: Teacher recommendation and an 85+ test average in both Algebra 2 CP and Geometry CP

1 Credit

Pre-Calculus H

Pre-Calculus Honors is designed for mathematically advanced students. Material is covered more rapidly and in greater depth than in the Pre-Calculus CP course with students being challenged to perform at a higher academic level. Topics covered include functions, trigonometry (unit circle, trig functions, graphs, inverse functions, identities, identity verifications, equations, right triangle formulas, law of sines and cosines, area of triangles), vectors, conic sections, sequences, and series. Students are required to have the TI-84 CE graphing calculator.

Grades 10,11,12

Prerequisites: Teacher recommendation and a 90+ class average and an 88+ test average in both Algebra 2 H and Geometry H

1 Credit

Statistics H

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data with an emphasis on real life projects.

Students will be exposed to four broad conceptual themes:

- Exploring data: observing patterns and departures from patterns.
- Planning a study: deciding what and how to measure.
- Anticipating patterns: producing models using probability theory and simulation.
- Statistical inference: confirming models.
- Students are required to have the TI-84 CE graphing calculator.

Grades 11,12

Recommended corequisite: Pre-Calculus CP or College Algebra CP

1 Credit

Statistics AP

This course is designed for mathematically advanced students. Topics include exploring data by observing patterns and departures from patterns, planning a study using measures, anticipating patterns using probability theory, and statistical inference by confirming models. Students are required to have the TI-84 CE graphing calculator. All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 10,11,12

Prerequisite: Must be enrolled in or have successfully completed Pre-Calculus CP/H. Application is required

1 Credit

Calculus H

Calculus Honors is designed for students who have successfully completed Pre-Calculus but who do not desire the rigors of an Advanced Placement Calculus class. Topics for this course include a review of major Pre-Calculus topics, limits, derivatives of functions with an emphasis on applications, and integrals. This course prepares students for a college Calculus course. Students are required to have the TI-84 CE graphing calculator.

Grades 11,12

Prerequisite: 85+ in Pre-Calculus H or 90+ in Pre-Calculus CP. Teacher recommendation is required.

1 Credit

Calculus AB AP

Advanced Placement Calculus AB is equivalent to a college Calculus 1 course. This course is designed for mathematically advanced students. Students study both differential and integral calculus involving limits, derivatives, curve sketching, integrals, and volumes of solids. Applications of calculus are emphasized. Algebraic and trigonometric functions are covered. Students are expected to be proficient in the use of the graphing calculator. Students are required to have the TI-84 CE graphing calculator.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11,12

Prerequisite: 85+ in Pre-Calculus H. Application is required.

1 Credit

Calculus BC AP

Advanced Placement Calculus BC is equivalent to a college Calculus 2 course. Students will study both differential and integral calculus. Topics include integration by parts, trigonometric integrals, sequences, series, conics, parametric equations, and polar coordinates. Applications of calculus are emphasized. Students are required to have the TI-84 CE graphing calculator or the TI-Nspire CX II CAS graphing calculator.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grade 12

Prerequisite: 85+ in Calculus AB AP recommended. 75+ in Calculus AB AP required. Application is required.

1 Credit



Science Courses

Biology I, Chemistry 1, and at least one other science—a total of three credits—are required for graduation. The Science Department offers courses in both the physical and life sciences. In order for students to better understand the world in which we live, all courses include both theoretical and laboratory work. During the Senior year, physics courses taken at any level may count as a 4th year math credit. Physics courses may not count as a math and science credit when taken in the same year.

Science Options

3 YEARS REQUIRED (4 YEARS ENCOURAGED)

Students must take Biology 1 and Chemistry 1

9 th	10 th	11 th	12 th
Biology	Physical Science CP	*Students can take any science they have not already taken and for which they qualify.*	
Biology CP	Chemistry 1	Chemistry 1	
Biology H	Chemistry 1 CP	Environmental Science CP	
	Chemistry 1 H	Ecology H	
	Additional Course:	Oceanography CP	
	Biology AP	Physiology CP or H	
		Physics CP or H	
		Chemistry 2 H or AP	
		Biology AP	
		Physics 1: Algebra-based AP	
		Physics C: Mechanics AP	
		Physics C: Electricity & Magnetism	

Biology 1

This course follows a college preparatory curriculum and meets all local and state standards. Biology 1 is a survey course designed to introduce basic terminology, foundational principles, and laboratory skills. Cell structure and function, biochemistry, genetics, microorganisms, invertebrates, vertebrates, and ecology are studied. Emphasis will be placed on building skills toward problem solving, organization, and application of data by practicing scientific processes. There will be many self-directed hands-on activities to encourage the development of these skills.

Grade 9

1 Credit

Biology 1 CP

Biology 1 CP is a broad-based study of living forms from the simple cell to the most complex organisms. Cell structure and function, biochemistry, genetics, micro-organisms, invertebrates, vertebrates, and ecology are studied. Labs are designed to correspond with lectures and emphasize use of the scientific method from the formation of hypotheses to conclusions, particularly problem solving and application.

Grade 9

1 Credit

Biology 1 H

Biology Honors is a fast-paced and in-depth study of living forms from the simple cell to the most complex organisms. Cell structure and function, biochemistry, genetics, microorganisms, invertebrates, vertebrates, human biology, and ecology are studied. Labs are designed to correspond with lectures and emphasize use of the scientific method from the formation of hypothesis to conclusions, particularly problem solving and applications.

Grade 9

Prerequisite: Previous science teacher recommendation and qualifying placement test score
1 Credit

Biology AP

This course is designed to prepare highly motivated students for the Advanced Placement Biology exam. An intensive study is made of cellular structure and metabolism, DNA chemistry, genetics, evolution, plant and animal physiology, and ecology. Labs are conducted as prescribed by the AP curriculum and are correlated with classroom topics.

All AP students are required to take the first semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 9,10,11

Prerequisites: 93+ in Biology 1 CP or 90+ in Biology 1 H and 90+ in Chemistry 1 CP or 85+ in Chemistry 1 H

Freshmen who earn a 93+ in the first semester of Biology 1 H may apply. Application is required.

1 Credit



Physical Science CP

This course is offered to students who would benefit from an additional year of preparation before encountering the mathematical components presented in Chemistry 1 CP. Physical Science is a one-year course that uses hands-on activities and student-centered learning modes to develop skills relating to scientific methods, laboratory techniques, expression of data, use of technology in the classroom, and effective communication through written expression. The course will cover the following topics: motion and force, work and simple machines, waves and their properties, the states of matter, properties of pure substances and mixtures, atomic theory and atomic structure, elements and the periodic table, chemical bonding and chemical reactions, and gas thermodynamics.

Grade 10

Prerequisite: Any level of Biology

1 Credit

Chemistry 1

Chemistry 1 examines the relationship between the structure and properties of matter with an increased emphasis on building math skills with a guided approach. The focus will include basic terminology, atomic and molecular structure, nature of chemical bonds, chemical reactions, states of matter, properties of gases, and heat transfer. Fundamental principles, problem solving, and laboratory techniques are stressed. Emphasis will be placed on building skills toward problem solving, organization, and the application of data by practicing scientific processes.

Grades 10,11

Prerequisite: Biology 1 and/or Physical Science CP

1 Credit

Chemistry 1 CP

Chemistry 1 CP examines the relationship between the structure and properties of matter. Basic terminology, atomic and molecular structure, nature of chemical bonds, chemical reactions and stoichiometry, states of matter, properties of gases, and thermodynamics are discussed. Fundamental principles, problem solving, and laboratory techniques are stressed.

Grades 10,11

Prerequisites: 90+ in Physical Science CP, or 95+ in Biology 1 and 95+ in Algebra 1, or 70+ in Biology 1 CP and 70+ in Algebra 1 CP

1 Credit

Chemistry 1 H

This course examines in detail the relationship between the structure and properties of matter. Atomic and molecular structure, ionic and covalent bonding, chemical reactions, and stoichiometry, states of matter, thermodynamics, equilibrium, and electrochemistry are studied. Fundamental principles, problem solving, and laboratory techniques are emphasized.

Grade 10

Prerequisites: 85+ in Biology 1 H or 95+ in Biology 1 CP and recommendation to Algebra 2 H
1 Credit

Chemistry 2 H

This course, a continuation of Chemistry 1, is designed to prepare students for freshman chemistry in college. The advanced topics of atomic and molecular structure, chemical bonding, periodic relationships between elements, states of matter, acid-base reactions, solutions, chemical equilibrium, nuclear chemistry, oxidation-reduction reactions, and electrochemistry are examined. Advanced laboratory techniques are emphasized and labs are correlated with classroom topics.

Grades 11,12

Prerequisite: 90+ in Chemistry 1 CP or 85+ in Chemistry 1 H. Completion of a summer review packet is required.
1 Credit

Chemistry 2 AP

This advanced course is designed to prepare students for the Advanced Placement Chemistry exam. Advanced topics of atomic and molecular structure, chemical bonding, periodic relationships between elements, reaction types, states of matter, acid-base reactions, thermochemistry, kinetics, solutions, chemical equilibrium, nuclear chemistry, oxidation-reduction reactions, electrochemistry, and organic chemistry are examined. Labs are conducted as recommended by the AP curriculum and are correlated with classroom topics.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11,12

Prerequisite: 93+ in Chemistry 1 CP or 90+ in Chemistry 1 H. Application and completion of a summer review packet is required.
1 Credit

Environmental Science CP

The relationship between organisms and their environment, including human environmental problems, are examined in this course. Topics covered include conservation, the relationship between matter, energy, and life, evolution, biological communities, biomes, population biology, biodiversity, restoration ecology, climate change, pollution, and energy sources. Labs, activities, and projects will be used to reinforce the topics covered.

Grades 11,12

Prerequisites: Biology 1 (any level) and Chemistry 1 (any level)

1 Credit

Ecology H

The focus of this course is the relationship between organisms and their environment. Topics covered include the nature of ecology, biogeography, species interactions, population and community ecology, ecosystem structure and function, thermodynamics, and biogeochemical cycles. Labs, field studies, and research projects are incorporated to reinforce the concepts studied.

Grades 11,12

Prerequisites: 90+ in both Biology 1 CP and Chemistry 1 CP or 85+ in both Biology 1 H and Chemistry 1 H

1 Credit

Oceanography CP

Oceanography is designed to give students a broad understanding of the geology, biology, chemistry, and physics of Earth's oceans. Special attention is given to marine biology and climatology, with related discussion of human usage of the ocean and its resources. Major topics include the origin of the Earth and its oceans, geography and geology of the oceans, study of waves and tides, ocean chemistry, and marine biology. Labs, activities, and projects will be used to reinforce topics covered.

Grades 11, 12

Prerequisites: Biology 1 (any level) and Chemistry 1 (any level)

1 Credit

Physics CP

This is an introductory course exploring the basic concepts of Physics: motion and energy, properties of matter, sound and light, electricity and magnetism, relativity, and atomic and nuclear physics. Class activities make connections to students' experiences in real life. Labs develop skills of experimentation, observation, analysis, and use of lab equipment. Problem solving emphasizes mathematical and analytical skills as applied to physical laws and concepts.

Grades 11, 12

Prerequisites: *Chemistry 1 CP, Algebra 2 CP, Geometry CP*

Seniors may substitute any level of Physics course for the 4th year Math course.

1 Credit

Physics H

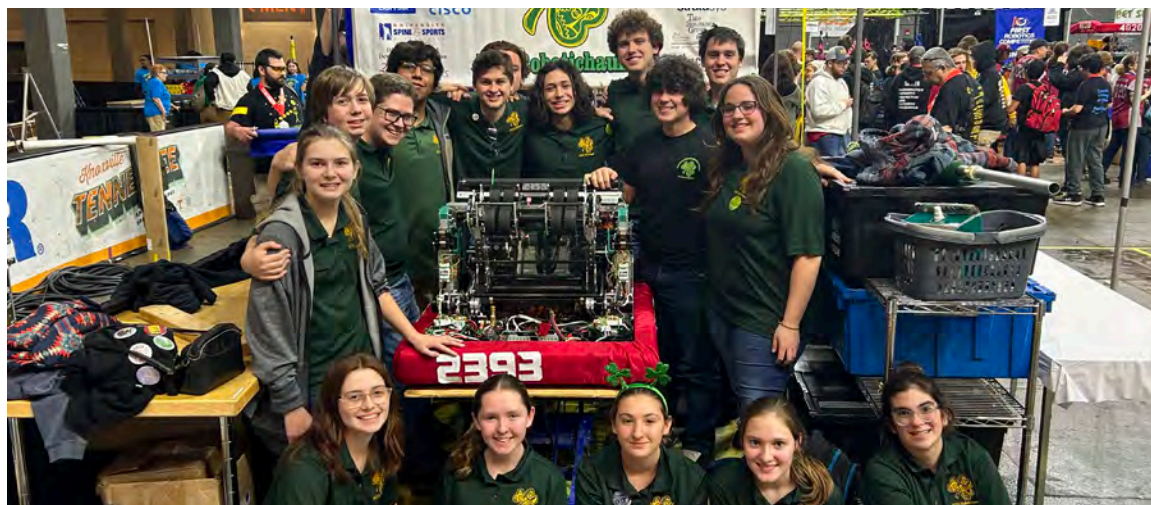
Physics Honors is an in-depth examination of the relationship between matter and energy through classical mechanics. An introduction to modern physics, including relativity, astronomy, and atomic and nuclear physics is also included. Theoretical problem solving and laboratory approaches are utilized.

Grades 11, 12

Prerequisites: *90+ in Chemistry 1 CP or 85+ in Chemistry 1 H and 95+ in Geometry CP or 85+ in Geometry H*

Corequisite: *Pre-Calculus (any level)* **Seniors may substitute any level of Physics course for the 4th year Math course.**

1 Credit



Physics 1: Algebra-based AP

AP Physics 1 is an algebra-based course designed to prepare students for the Advanced Placement Physics 1 exam. It is equivalent to a first semester college course in algebra-based physics. Newtonian mechanics, rotational dynamics, angular momentum, work, energy, power, and mechanical waves and sound will be covered in depth. Students will also learn the principles of fluids including density, pressure, Pascal's Law, Bernoulli's equation, viscosity, and Newtonian principles. Student conducted labs are implemented as recommended by the AP curriculum and are correlated with classroom topics.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11, 12

Prerequisite: 90+ in Chemistry H and 90+ in Geometry H or 85+ in Pre-Calculus H. If a student wishes to take AP Chemistry and AP Physics 1 simultaneously, it is recommended that the student have maintained a 95+ in both Chemistry H and Geometry H, or a 95+ in Chemistry H and an 85+ in Pre-Calculus H. A student is not required to complete any Physics course prior to this course. Seniors may substitute any level of Physics course for the 4th year Math course. Application is required.

1 Credit

Physics C: Mechanics AP

The AP Physics C: Mechanics course is a year-long course equivalent to a calculus-based, college-level physics course. It is especially appropriate for students planning to specialize or major in the physical sciences or engineering. The course explores topics such as kinematics; Newton's laws of motion; work, energy and power; systems of particles and linear momentum; circular motion and rotation; and oscillations and gravitation. Introductory calculus is used throughout the course.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11, 12

Corequisite or prerequisite: AP Calculus AB. Seniors may substitute any level of Physics course for the 4th year Math course. Application is required.

1 Credit

Physics C: Electricity and Magnetism AP

AP Physics C: Electricity and Magnetism is a year-long calculus-based, college-level physics course, especially appropriate for students planning to specialize or major in one of the physical sciences or engineering. Students cultivate their understanding of physics through classroom study and activities as well as hands-on laboratory work as they explore concepts like electric and magnetic fields, electric circuits, and electromagnetic radiation.

All AP students are required to take the first semester exam (no exceptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grade 12

Prerequisite: AP Physics C: Mechanics. Seniors may substitute any level of Physics course for the 4th year Math course. Application is required.

1 Credit

Physiology CP

Physiology CP introduces the structure and function of the human body. The emphasis is placed on identifying the anatomy, physiology, and pathology of each body system and the interrelatedness and interdependency of organ systems. There will be numerous practical applications and everyday examples, and labs will be used to reinforce topics.

Grades 11, 12

Prerequisites: 85+ in both Biology 1 CP and Chemistry 1 CP or 80+ in both Biology 1 H and Chemistry 1 H

85+ in both Biology (any level) and Chemistry 1 (any level)

1 Credit



Physiology H

Honors Physiology is an in-depth study of the human body and how it maintains life through anatomical structures and their functions. This course involves research at the molecular level as well as each body system. Emphasis is placed on the overarching theme of homeostasis or the balance of each system in coordination with the others, and the dysfunction that can occur when this balance is not reached. This fast-paced course includes many labs and critical thinking activities/clinical applications.

Grades 11, 12

Prerequisites: 95+ in both *Biology 1 CP* and *Chemistry 1 CP* or 85+ in both *Biology 1 H* and *Chemistry 1 H*

90 in both *Biology 1 CP* and *Chemistry 1 CP* or 85+ in both *Biology 1 H* and *Chemistry 1 H*
1 Credit

Science Electives

Aerospace Education CP

This course will explore the aerospace environment of Earth. Students will learn about the role of aviation in the modern world, as well as the growing importance of space exploration (both human and robotic). The course will consist of two separate sections per semester: the first section will address the science of flight, aerodynamics, aircraft operation, and weather; the second section will cover astronomy, rocketry, and space exploration (both robotic and human, with special emphasis on lunar and Martian exploration). Students will also learn about various career opportunities in aerospace. Limited to 16 students with priority given to seniors.

Grades 11,12

.5 Credit



Exercise Science CP

Exercise Science is an applied course designed to prepare students to pursue careers in kinesiology and exercise physiology services. Upon completion of this course, proficient students will be able to apply concepts of anatomy and physiology, physics, chemistry, bioenergetics, and kinesiology to specific exercise science contexts. Through these connections students will understand the importance that exercise, nutrition, and rehabilitation play in athletes or patients with debilitating or acute metabolic, orthopedic, neurological, psychological, and cardiovascular disorders. In addition, students have the opportunity to incorporate communication, goal setting, and information collection skills in their coursework in preparation for future success in the workplace.

Please note: This course does NOT fulfill a science credit required for graduation but instead counts as an elective.

Grade 12

Pre or Co-Prerequisite: Either Sports Medicine 1 or Sports Nutrition CP must be completed or co-requisite.

1 Credit

Forensics CP

Forensics combines topics from math, chemistry, biology, physics, psychology, and earth science to study the fundamentals of investigations. Students explore the real mysteries of science with case studies drawn from actual forensic investigative science. They also learn how forensics has impacted events throughout history and how investigative approaches have evolved.

Please note: This course does NOT fulfill a science credit required for graduation but instead counts as an elective.

Grades 10,11,12

Prerequisite: Biology 1 (any level)

.5 Credit

Sports Medicine 1 CP

Sports Medicine 1 CP provides students with a general overview of athletic training, sports medicine, and its history. This course includes introductory information about the AT's scope of practice: injury prevention, treatment, rehabilitation, emergency injury management, and administrative functions. Sports Medicine 1 CP is a one-year course that will utilize readings, primary sources, audio and visual materials, class discussions, as well as work-based learning (WBL) opportunities. This course is intended to help students gain an understanding of sports medicine, various associated disciplines, and the role they play in the physically active community. Students enrolled in this class will not provide patient care.

Please note: This course does NOT fulfill a science credit required for graduation but instead counts as an elective.

Grades 11,12

**Recommended Pre- or Corequisite Courses: Biology 1 and Chemistry 1
1 Credit**





Social Studies Courses

KCHS Social Studies courses examine how people live and organize themselves in society while embracing geography, history, and economics. Students are invited to reflect on the human struggle and our place in the world. Students develop historical and analytical comprehension, critical thinking and problem-solving, civic knowledge and engagement, global awareness and cultural understanding, geographic literacy, social and ethical responsibility, economic principles and understanding, and learn through inquiry, research, and discourse.

Social Studies Options **3 YEARS REQUIRED**

9 th	10 th	11 th	12 th
World History (Non-designated) recommended placement by KCHS placement committee only	World History CP World History H World History: Modern AP	US History CP US History H US History AP	Economics CP (.5) US Government CP/H (.5) US Government AP (1)**
**may perform better on AP after completing US History			
Elective Only Human Geography AP (elective only) 9th or 10th		European History Ap 11th or 12th Comparative Government & Politics AP 11th or 12th	

World History

This course is designed for freshman students who receive an English I placement. This class will follow the World History CP curriculum with a particular emphasis on skills. Skills include the development of content literacy and vocabulary, analyzing primary source documents, and writing ACE formatted paragraphs (Answer, Cite, Explain) in response to a prompt. Students will study political, cultural, and social history throughout this course. Course content follows a broad survey model, beginning with the review of Geography and ancient civilizations, then focusing on the era of the Renaissance through World War I.

Grade 9

Corequisite: English 1 and recommendation by the KCHS placement committee

1 Credit

World History CP

World History is an examination of the simultaneous development and diffusion of primarily Western cultures, although some study of non-Western cultures is included. This course helps students to question, analyze, evaluate, and draw conclusions about the way in which people of the past shaped their lives and contributed to the development of human civilization. Students will study political, cultural, and social history throughout this course. Course content follows a broad survey model, beginning with the rise of human civilizations and proceeding through the First World War.

Grade 10

1 Credit

World History H

World History is an examination of the simultaneous development and diffusion of Western and non-Western cultures. This course helps students to question, analyze, evaluate, and draw conclusions about the way in which people of the past shaped their lives and contributed to the development of human civilization. Students will study political, cultural, and social history throughout this course. Course content follows a broad survey model, beginning with the rise of human civilizations and proceeding through the First World War.

World History Honors uses the same textbook and curriculum as the CP course, with content covered more in-depth and with a greater amount of independent work required of the student. World History Honors will include more rigorous assessments and rubrics, supplemental readings, and a long-term research project.

Grade 10

Students who are currently enrolled in AP Human Geography must be recommended to World History Honors by that teacher. Students who are not currently enrolled in AP Human Geography may be recommended to World History Honors by their English teacher, if they are also receiving a recommendation to English II Honors

1 Credit

World History: Modern AP

World History: Modern AP focuses on the cultural, environmental, social, economic, and political history of the world from 1200 CE to the present. The course devotes considerable time to Asian, African, South American, North American, Middle Eastern, and European history, as well as inquiry into global connections that have shaped our present world. Special emphasis will be given to preparation for the national AP Exam, including historical writing through essay, short answer, and document-based questions, as well as objective evaluations.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board). A student must take the current year's AP exam or receive a zero. No second semester exams are given in an AP course.

Grades 10,11,12

Prerequisites: Recommendation from current English teacher, and one of the following grade requirements:

95+ English 1, 2, or 3 CP; or 90+ English 1, 2, or 3 Honors; or 85+ English 3 AP. An application, including a brief analytical writing sample, is required.

1 Credit

U. S. History CP

U. S. History is an examination of the major developments and trends in the life of our country from pre-Columbian times into the Twentieth Century. This course allows students to gain a greater awareness of the democratic ideals and human values that developed in these eras.

Grade 11

1 Credit

U. S. History H

Material covered in this course begins with the colonizing of America and ends with the present day. Students are exposed to the social, economic, political, and cultural aspects of history. Students are required to remember factual knowledge of historical time periods and to apply that knowledge to interpret different historical situations.

Grade 11

Prerequisite: In order to move to the Honors level from a previous year's CP level course, the student must have maintained a total test average of 95% for the CP year. In order to retain placement in an Honors level course, the student must maintain a total test average of 90% for the Honor's year.

1 Credit

U. S. History AP

In this course students study United States History from European colonization of the Americas to present day. Students are required to remember detailed factual knowledge of historical time periods and apply that knowledge to interpret social, economic, political, diplomatic, and cultural problems in United States History.

This course requires extensive reading and writing, including a detailed examination of a complex text and frequent reading quizzes and assessments. The curriculum is designed to prepare students to take the AP United States History exam.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grade 11

Prerequisites: 95+ English 2 CP or 93+ English 2 H and 95+ World History CP or 93+ World History H or 92+ World History AP. An application is required.

1 Credit

U. S. Government CP

This course is designed to further understanding about how government works, how government is a dynamic exciting process, and how government impacts everyday life in the United States. Students will examine the role of government in everyday life through the completion of weekly current event reports. Specific emphasis is placed on the institutions of the United States government and the role of the citizen in civic participation.

Grades 11, 12

.5 Credit

U. S. Government H

Honors Government is designed for students who want to continue to challenge and prepare themselves for college. The course goes beyond the basic introduction to American democracy. Material covered in this course includes government functions, national politics, public policy, and relationships between the government, the people, and linkage institutions. Strong emphasis is placed on critical thinking skills. One component of this course is the examination of weekly current event reports.

Grades 11, 12

Prerequisite: In order to move to the Honors level from a previous year's CP level course, the student must have maintained a total test average of 95% for the CP year in the current social studies class. In order to retain placement in an Honors level course, the student must have maintained a total test average of 90% for the Honor's year.

.5 Credit



U. S. Government AP

This year-long course provides students with a foundation for observing, analyzing, and understanding government and national politics in the United States. Students examine and evaluate the institutions of American government, political parties and elections, mass media, political behavior, public policies, and the development of individual rights and liberties and their impact on citizens. Students develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities as citizens. As a college level course, AP Government is rigorous and demanding. It requires students to put forth their best effort on a daily basis, both in class and in reading and listening to the news outside of class. Critical reading of primary and secondary texts, analytical writing, and collaborative projects are important components of this course. This course prepares students to take the AP U.S. Government and Politics exam.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11, 12

Prerequisite: 95+ test average in U.S. History CP or World History CP or

90+ test average in U.S. History H or World History H or

88+ test average in U.S. History AP or World History AP

Application, including a brief writing sample, is required.

Students who have completed U.S. History at any level may find the content of this course more manageable. Seniors will be given priority in the case of a large number of applicants.

1 Credit

Economics CP

Economics is a semester long course designed to give students an understanding of the basic concepts of economics and the impact economic growth has on government fiscal and monetary policy as well as the private sector. Students will be able to develop a basic understanding of demand, supply, prices, market structures, employment and labor, government spending, financial markets, and global economy structure. The curriculum provides case studies, profiles, critical thinking problems, visual information, and a basic understanding of economic terms and language.

Grades 11, 12

.5 Credit

Social Studies Electives

Comparative Government and Politics AP

China, Mexico, Russia, Nigeria, Iran, and the United Kingdom: the political structures, economic policies, and social challenges of these nations are explored in Comparative Government and Politics AP. Current events analysis plays a significant role in this course. Students cultivate their understanding of comparative government and politics through analysis of data and text-based sources as they explore topics like power and authority, legitimacy and stability, democratization, internal and external forces, and methods of political analysis. Comparative Government and Politics AP is an introductory college-level course in comparative political science.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11, 12

Prerequisites: 85+ in any AP History or AP English course, or 90+ in English 2 H or 3 H, or 95+ in English 2, 2 CP, 3, or 3 CP. Application is required.

1 Credit

Deep Dive into History: World War I H

Students will spend one quarter "diving deep" into the theme of World War I. This includes the causes, course of, Homefront, and end of the war. Students will watch documentaries and films which will include images of violence involving humans and animals. Late in the first quarter students will formulate their own research question relevant to World War I theme. Throughout the second quarter, class time will be devoted to the completion of an independent research project in response to individual questions. At the end of the semester, students will present a research project in lieu of an exam. Class size is limited.

Grades 11, 12

Prerequisites: Demonstration of success in World History Honors or AP or US History Honors or AP. Students wishing to enroll from a CP level social studies class must have earned at least 95% in the class. Teacher signature required.

.5 Credit

European History AP

An application, including a brief analytical writing sample, is required. AP European History examines the social, economic, political, cultural, and intellectual history of Europe from the High Middle Ages through the present day. The course requires students to remember factual knowledge as well as to apply that knowledge to the social, cultural, and political problems of European History. Students analyze primary sources as well as historical problems, cause and effect, and change over time. Critical reading and writing are central features of the course. Students are required to do approximately 1—2 hours of work each week outside of class. Students write analytical essays in class. The curriculum prepares students to take the AP European History Exam in May. All AP students are required to take the 1st semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 11,12

Prerequisites: Recommendation from current English teacher and the following grade

requirements: 95+ World History CP or US History CP or 90+ World History H or AP, US History H or US History AP.

1 Credit

Human Geography AP

Advanced Placement Human Geography introduces students to the study of the patterns and processes that have shaped human use of the Earth's surface. Topics explored include the nature and perspectives of geography, including population, political, economic, and urban geography. Students use the process of geographic inquiry to explore patterns of land use and cultural landscapes. Students will also learn to apply the methods and tools used in the field of geography. Extensive reading and writing are required.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Grades 9, 10

9th Grade placement is based on English 1 H placement, placement test scores, and application essays. 10th Grade Prerequisites: 92+ English 1 H or 95+ English 1 CP

Application required for rising Sophomores.

1 Credit

Psychology CP

Psychology is an introductory study of several areas of behavior. Topics covered include developmental and physiological psychology, sensation and perception, learning and memory, communication, motivation, emotion, testing, personality theories, behavioral disorders, therapies, and group behavior.

Grades 10,11,12

.5 Credit





World Languages Courses

The World Language Department offers comprehensive course studies in French and Spanish. All students are required to earn two credits in consecutive order to meet graduation requirements. Students are encouraged to complete at least three years of the same language. Students may choose to take a second World Language as an elective. They must be recommended by the current language teacher, who will sign their course selection sheet. If there is not enough space, priority will be given to students fulfilling their language requirement. The student's current language teacher should sign the course selection form for the student to start a second world language. Accepted students will be admitted into a level one section of a second language or may choose to test into a level two course, based on teacher recommendation and as space allows.

Students who were recommended to defer a world language course during their freshman year will be placed by the World Language Chair into a language course based primarily on their 10th grade English recommendation. Deferred students with past language experience may be asked to take a language placement test to finalize their world language placement. Honors world language courses are designed for students who demonstrate above average ability in the target language.

World Language Options 2 YEARS REQUIRED

Spanish	French
Spanish 1 CP or H Spanish 2, 2 CP, or 2 H <small>*2 is a terminal course</small>	French 1 CP or H French 2 CP or H
Spanish for Heritage Speakers 2H Spanish for Heritage Speakers 3H	French 3 CP or H
Spanish 3 CP or H Spanish 3 H <small>*this is a terminal course</small>	French 4 H
Spanish 4 PreAP H Spanish AP	French AP

3 OR 4 YEARS
RECOMMENDED

French 1 CP

French 1 CP is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on listening to and creating original stories in class, reading, and other task-based activities to support the language acquisition process. The class will read two novels together, and students will also be expected to read French books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the French language. Students will be required to take the ACTFL AAPPL exam in the spring.

Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. Sophomores who have deferred their language must be recommended for English 2 CP or English 2 H.

1 Credit

French 1 H

French 1 Honors is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on reading and listening to stories in class, with other activities to support the acquisition process. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in French. The class will read two novels together, and students will also be expected to read French books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the French language. Students will be required to take the ACTFL AAPPL exam in the spring.

Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections.

1 Credit

French 2 CP

French 2 CP is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on listening to and creating original stories in class, reading, and other task-based activities to support the language acquisition process. Students will begin developing writing and speaking skills at this level. The class will read two novels together, and students will also be expected to read French books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the French language. Students will be required to take the ACTFL AAPPL exam in the spring.

Placement based on successful completion of French 1 CP and performance at the Novice Mid-level in the interpretive and presentational modes of communication as outlined in the NCSFL-ACTFL Can-do statements.

1 Credit

French 2 H

French 2 Honors is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on listening to and creating original stories in class, reading, and other task-based activities to support the language acquisition process. Students will continue to develop writing and speaking skills at this level. The class will read two novels together, and students will also be expected to read French books of their choice from the classroom library. The honors class will move at a slightly faster pace, will have more student writing and speaking, and will cover slightly more vocabulary than the CP level French 2 class. The vocabulary which is presented and used is chosen based on frequency of use in the French language. Honors students are also required to take the National French Exam which is administered in the spring.

Prerequisite: 90+ in French 1 H or 95+ in French 1 CP and performance at the Novice High level in the interpretive and presentational modes of communication as outlined in the NCSSFL-ACTFL Can-do statements. Teacher recommendation required.

1 Credit

French 3 CP

French 3 CP is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on listening to and creating original stories in class, reading, culture, and other task-based activities to support the language acquisition process. Students will continue developing writing and speaking skills at this level. The class will read at least two novels together, and students will also be expected to read French books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the French language. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite: 75+ in French 2 CP or 2 H and performance at the Novice High level in the interpretive and presentational modes of communication as outlined in the NCSSFL-ACTFL Can-do statements.

1 Credit

French 3 H

French 3 Honors is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on reading and listening to stories in class, with other activities to support the acquisition process. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in French. Students will read two novels together as a class, will have free voluntary reading time, and will study a variety of cultural topics from the Francophone world. Students will also work to develop their writing and speaking abilities, and more emphasis will be placed on accuracy in communication at this level. In preparation for French AP, some explicit grammar will be taught in this course. The honors level class will move at a faster pace, will have more explicit grammar, and will cover more vocabulary than the French 3 CP class. Students are required to take the National French Exam which is administered in the spring. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite: 90+ in French 2 H or 95+ in French 2 CP and performance at the Intermediate-Low level in the interpretive and presentational modes of communication as outlined in the NCSSFL-ACTFL Can-do statements. Teacher recommendation required.

1 Credit

French 4 H

French 4 Honors is taught with methods based on providing a maximum amount of comprehensible French to the students, leading to more natural language acquisition. Emphasis is placed on reading and listening to stories in class, with other activities to support the acquisition process. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in French. Students will read 1-2 novels together as a class, will have free reading time, and will study a variety of cultural topics from the Francophone world. Students will also work to develop their writing and speaking abilities, and more emphasis will be placed on accuracy in communication at this level. In preparation for college-level language classes, some explicit grammar will be taught in this course. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite: 85+ in French 3 CP or French 3 H and performance at the Intermediate-Mid level in the interpretive and presentational modes of communication, as outlined in the NCSSFL-ACTFL Can-do statements. Teacher recommendation required.

1 Credit

French AP

This course prepares the advanced and highly motivated student to take the AP French Language and Culture exam, as well as prepares them to succeed in college-level French classes. Second language acquisition principles continue to be the driving force behind the instruction at this level, and more extensive individual reading is expected. Explicit grammar instruction will occur, and students will be expected to work on accuracy in their writing and speaking skills.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Prerequisite: 93+ in French 3 H and performance at the Intermediate-Mid level in the interpretive and presentational modes of communication as outlined in the NCSFL-ACTFL Can-do statements. Teacher recommendation and summer work required.

1 Credit

Spanish 1 CP

Spanish 1 CP is taught with methods based on providing a maximum amount of comprehensible Spanish to the students, leading to more natural language acquisition. Emphasis is placed on reading comprehension and listening to stories in class, with other activities to support the acquisition process. The class will read two novels together. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language. Homework is minimal, but classroom engagement is essential. Students will be required to take the ACTFL AAPPL exam in the spring.

Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. The KCHS Spanish placement test will also assist in placement if applicable.

1 Credit

Spanish 1 H

Spanish 1 H is taught with methods based on providing a maximum amount of comprehensible Spanish to the students, leading to more natural language acquisition. Emphasis is placed on reading comprehension and listening to stories in class, with other activities to support the acquisition process. The class will read two novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language. The honors class will move at a slightly faster pace, will have more student writing and speaking, and will acquire slightly more vocabulary than the CP level Spanish 1 class. Homework is minimal, but classroom engagement is essential. Honors students are also required to take the National Spanish Exam which is administered in the spring. Students will be required to take the ACTFL AAPPL exam in the spring.

Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. The KCHS Spanish placement test will also assist in placement if applicable.

1 Credit

Spanish 2

This is a terminal course and will be taught using a natural approach to language learning. This method is based on providing a maximum amount of comprehensible Spanish to the students, leading to natural language acquisition. Emphasis is placed on reading and listening to short stories in class, as well as vocabulary building. Reading comprehension is important for success and the teacher will focus on activities to improve students' reading comprehension in Spanish. The class will read two to three novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language. Homework is minimal but classroom engagement is key. Please note: Students may not enter Spanish 3 CP or Spanish 3 H after taking Spanish 2.

Prerequisite: Spanish 1 or Spanish 1 CP

1 Credit

Spanish 2 CP

Spanish 2 CP will be taught using methods based on providing a maximum amount of comprehensible Spanish to students, leading to more natural language acquisition. Emphasis is placed on reading and listening to short stories in class, as well as other conversational activities. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in Spanish. The class will read two novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language. Homework is minimal, but classroom engagement is key. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite: 65+ on Spanish 1 CP 2nd semester exam and 75+ second semester average in Spanish 1 CP or Spanish 1 H and Novice Mid proficiency level. Freshmen will be placed based on KCHS placement scores in verbal, reading, and language sections along with the KCHS Spanish placement.

1 Credit

Spanish 2 H

This course is designed for the above average student. Spanish 2 H will be taught using methods based on providing a maximum amount of comprehensible Spanish to students, leading to more natural language acquisition. Emphasis is placed on reading and listening to short stories in class, as well as other conversational activities. Reading comprehension is important for success and the teacher will focus on activities to improve students' reading comprehension in Spanish. The class will read three to four novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is used is chosen based on frequency of use in the Spanish language. Homework is minimal, but classroom engagement is key. The honors class will move at a slightly faster pace, will have more student writing and speaking, and will acquire slightly more vocabulary than the CP level Spanish 2 class. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite for Sophomores: Teacher recommendation and 90+ in Spanish 1 H or 95+ in Spanish 1 CP and Novice High proficiency level on the KCHS Spanish Placement Test.

Prerequisite for Freshmen: Placement is based on the student's score on the KCHS Spanish placement test, scores in the verbal, reading, and language sections of the KCHS placement test, and 8th grade teacher recommendation.

1 Credit

Spanish for Heritage Speakers 2 H

This class is designed for the student who speaks Spanish in the home on a regular basis. The student will develop his or her speaking, listening, reading, and writing skills in Spanish through the study of culture and literature of Spanish speaking countries with a focus on spelling, grammar, and literacy skills. The class will read two to three novels/short stories together, and students will also be expected to read books in Spanish of their choice from the classroom library. In addition, these students will develop confidence in their Spanish-speaking, writing, and comprehension abilities. This class gives the students the opportunity to study Spanish in a similar way that English speakers study English. Homework is minimal, but classroom engagement in Spanish is essential. Students will be required to take the ACTFL AAPL exam in the spring.

Prerequisite: Placement is based on the Spanish placement test and teacher recommendation.
1 Credit

Spanish 3 CP

Spanish 3 CP is designed to further language acquisition by providing a maximum amount of comprehensible Spanish to the students. Students will have opportunities to be immersed in the language while listening, reading, acting, discussing, and writing in Spanish. The class will read at least two novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language.

Prerequisite: Successful completion of Spanish 2 CP or 2 H and performance at the Novice High level. Teacher recommendation required.

1 Credit



Spanish 3 H

This class is designed for those students who want to further their communication skills in Spanish. Spanish 3 Honors is taught with methods based on providing a maximum amount of comprehensible Spanish to the students, leading to more natural language acquisition. Emphasis is placed on reading and listening to stories in class, with other activities (acting, discussing, writing, etc.) to support the acquisition process. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in Spanish. Students will read two novels together as a class, will have free voluntary reading time, and will also work to develop their writing and speaking abilities. Students will be required to take the ACTFL AAPPL exam in the spring.

Prerequisite for Current KCHS Students: Teacher recommendation and 90+ in Spanish 2 H or 95+ in Spanish 2 CP and performance at the Intermediate-Low level.

Prerequisite for Freshmen: Placement is based on the student's score on the KCHS Spanish placement test, scores in the verbal, reading, and language sections of the KCHS placement test, and 8th grade teacher recommendation.

1 Credit

Spanish for Heritage Speakers 3 H

This class is designed for the student who speaks Spanish in the home on a regular basis. The student will develop his or her speaking, listening, reading, and writing skills in Spanish through the study of history, culture, and literature of Spanish speaking countries with a focus on grammar and writing skills. Only Spanish will be spoken in the classroom. The class will read two to three novels together, and students will also be expected to read books in Spanish of their choice from the classroom library with Spanish writing incorporated daily.

Prerequisite: Successful completion of Spanish for Heritage Speakers 2 H and teacher recommendation.

1 Credit

Spanish 4 H

Spanish 4 H is designed to further language acquisition by providing a maximum amount of comprehensible Spanish to the students. Students will have opportunities to be immersed in the language while listening, reading, acting, discussing, and writing in Spanish. The class will read at least two novels together, and students will also be expected to read Spanish books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the Spanish language. Students will be required to take the ACTFL AAPP exam in the spring.

Prerequisite: 85+ in Spanish 3 CP, Spanish 3 H, or Spanish for Heritage Speakers 3 H Teacher recommendation required. Spanish 4 H is a terminal course.

1 Credit

Spanish 4 PreAP H

Spanish 4 PreAP is taught with methods based on providing a maximum amount of comprehensible Spanish to the students, leading to more natural language acquisition. Emphasis is placed on reading comprehension and listening to stories in class, studying history and culture of Spanish-speaking countries, along with other activities to support the acquisition process. Students will also work to develop their writing and speaking abilities with a greater focus on grammar in order to complete well-developed essays in Spanish. Homework is minimal, but classroom engagement in Spanish is essential. Students are required to take the National Spanish Exam which is administered in the spring.

Prerequisite: 90+ in Spanish 3 H or 85+ in Spanish for Heritage Speakers 3 H and consistent performance at the Intermediate-Mid level in the interpretive and presentational modes of communication, or 95+ in Spanish 3 CP and 75+ on Spanish 3 H Spring Exam. Teacher recommendation required.

1 Credit



Spanish AP

AP Spanish is preparation for the advanced and highly motivated student to take the AP Spanish Language exam, as well as prepares them to succeed in college-level Spanish classes. Second language acquisition principles continue to be the driving force behind the instruction at this level, and students are expected to work independently on weekly assignments. Systematic weekly vocabulary units, readings for comprehension from traditional and current events sources, essays mirroring those required on the AP exam, a series of varied listening activities, and grammar work with a special emphasis on tenses and pronouns are required. The class is taught entirely in Spanish. Extensive out-of-classroom preparation is required.

All AP students are required to take the first semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by the College Board).

A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

Prerequisite: Summer assignments and 90+ in Spanish 4 H PreAP and consistent performance at the Intermediate-High level in the interpretive and presentational modes of communication. Exceptional Juniors in Spanish may apply with teacher recommendation. The student will be required to complete AP summer coursework as well as additional work to cover Spanish 4 H PreAP material. Juniors from Spanish 3 H will be required to pass the KCHS Spanish 4 H PreAP spring exam before being admitted into Spanish AP. Application is required.

1 Credit





Fine Arts and Media Courses

The Fine Arts and Media Studies Department offers courses in a variety of visual and performing arts. One (1) Fine Art credit must be earned for graduation, and at least .5 of that one-credit requirements must be obtained in a Performing Art (Band, Chorus, Dance, and Theater) or a Production Art (Journalism, Yearbook, Student Media, and Digital Media). Students may choose to obtain the entire one-credit requirement in the performing or producing arts but may not choose to obtain the full credit requirement in visual arts. Students are encouraged to earn more than one (1) credit.

“Literature and the arts are also, in their own way, of great importance to the life of the Church. They strive to make known the proper nature of man, his problems and his experiences in trying to know and perfect both himself and the world.”

- Gaudium et Spes, 1965, #62

Fine Arts & Media Studies *All courses .5, unless noted.*

	Create <i>Visual Arts</i>	Perform <i>Music, Dance, Theatre</i>		Produce <i>Media Studies</i>	
Intro (CP)	Foundations of Art Intro to 2D Art & Design Intro to 3D Art & Design Intro to Drawing Intro to Painting	Dance Fundamentals Dance: Hip Hop	Men's Chorus Women's Chorus	Theatre 1: Voice Acting Film, Art, & Literature Black Cinema	Intro to Yearbook 9th Only Graphic Design
Intermediate/ Advanced CP & H	2D Art & Design H Ceramics 1 H Ceramics 2 H Drawing H Painting H Digital Photo H		Concert Choir CP (.5 or 1.0)	Yearbook Production (.5 or 1.0)	Digital Media 2 Studio/TV Production H (1.0) Digital Media 2 Fundamentals of Filmmaking H (1.0) Digital Media 3 Live Events H (.5 or 1.0)
Honors/AP	Art AP Options (1) 2D Art & Design or Studio Graphic Design 3D Art & Design Drawing	Advanced Dance H	KCHA Singers H (1.0) Band H (1.0)	Yearbook Editing H (1.0)	Digital Media 4 - LID H Leadership, Innovation, Development (.5 or 1.0)

Introduction to 2D Art & Design CP

Freshmen and Sophomores interested in visual arts are encouraged to take this class. This course is an introduction to the theory and practice of designing two-dimensional works of art through a variety of media (painting, printmaking, mixed media, and photography). Understanding and applying the elements of art and principles of design is emphasized while working with abstract and realistic subject matters. Through a series of projects, students will develop an understanding of the various methods, materials, and techniques of two-dimensional design. Successful completion of this introductory course allows the student to pursue further study of 2D design in 2D Art and Design Honors.

Grades 9,10,11,12

.5 Credit

Introduction to 3D Art & Design CP

This course introduces the principles and elements of design in three-dimensional forms. Additive, subtractive, and manipulation techniques are used with a variety of media to explore the sculptural form. Students will also improve creativity through brainstorming skills, thumbnail sketches, and orthographic drawing basics. Use of constructive criticism and the design process will allow students to develop critical thinking skills. Students will also become acquainted with the history of sculpture and view work by contemporary artists as they develop sculptural forms.

Grades 9,10,11,12

.5 Credit

Introduction to Drawing CP

Development of drawing skills is as fundamental to art making as vocabulary is to language. The goal of this course is to develop perception, creativity, and knowledge of realistic drawing skills. Accordingly, the elements of art and principles of design are practiced through exercises using a variety of drawing techniques in various media. Historical and Contemporary works will be discussed along with regular assessment of student work. The course is open to all students from beginner to advance with emphasis on creativity, individual skill development, and effort.

Grades 9,10,11,12

.5 Credit

Introduction to Painting CP

Painting courses are an essential part of students' art education and a building block after drawing courses have been accomplished. Further growth in painting skills and practices enables students to increase fine motor skills, lateral thinking, critical thinking, and complex analysis skills, while further developing hand-eye coordination and foundational skill development of the science and handling of color and composition. The historical understanding of painting allows students to make cross curriculum connections and deepens understanding of human history and cultures.

Grades 9,10,11,12

.5 Credit

Foundations of Art CP

Get creative as we dive into the Elements of Art! You will learn about lines, shapes, forms, space, color, value, and texture—and how to bring them to life in your own artwork through practice and cool projects.

Grades 9,10,11,12

.5 Credit

Graphic Design 1 CP

In this introductory course, students will demonstrate an understanding and practical application of Adobe InDesign CC, basic Adobe Photoshop CC techniques, typography, and design principles. Students will produce and will be assessed on many projects that include creating original layout for a logo, and brochures as well as designing and crafting effective promotional pieces, publications, and digital art that look professional and follow design rules. ***This course fulfills the Production/Performance portion of the Fine Arts requirement.***

Grades 9,10,11,12

.5 Credit

2D Art & Design H

This course is an extension of 2D Art and Design. Students will develop, practice, and apply skills learned in Introduction to 2D Art and Design. This course provides a deeper exploration into two-dimensional techniques and emphasis on the development of a student's individual point of view. Sketchbooks are used for research, practice, and planning. Using traditional and non-traditional materials, students examine how media, ideas, and composition relate.

Grades 10,11,12

Prerequisite: Intro to 2D Art& Design CP, or Intro to Drawing CP, or Intro to Painting CP.

Teacher signature required.

.5 Credit

Drawing H

This course is for the serious art student who is perhaps interested in pursuing a visual art career such as graphic arts, architecture, or illustration. This course is designed to help the student sharpen his drawing skills and build an art portfolio. Students develop formal drawing techniques using a variety of drawing tools such as pastels, graphite, charcoal, and ink wash. Creative and technical aspects are emphasized as the student develops his personal vision. This course may be repeated to meet the needs of the serious art student.

Grades 10,11,12

Prerequisites: Intro to Drawing CP and teacher signature required.

.5 Credit

Painting H

Painting courses are an essential part of student's art education and a building block after drawing courses have been accomplished. Further growth in painting skills and practices enables students to increase fine motor skills, lateral thinking, critical thinking, complex analysis skills, while further developing hand eye coordination, and foundational skill development of the science and handling of color and composition. The historical understanding of painting allows students to make cross curriculum connections and deepens understanding of human history and cultures.

Grades 10,11,12

Pre- or Corequisites: Intro to Drawing CP and Intro to Painting CP

.5 Credit

Ceramics 1 H

Ceramics H will focus on hand building clay techniques including pinch pot, coil, slab, mold, multi-part building, surface decoration, and glazing methods. Students will produce five well-thought-out and creative final works. To produce final works students will use brainstorming techniques, thumbnail sketches, and final designs demonstrating different Elements of Art and Principles of Design. Classwork will also include reading on the basic production stages including building techniques, stages of clay, and the different firing processes, along with the study of contemporary ceramic artists.

Grade 10,11,12

Prerequisite: 3D Design and teacher signature required

.5 Credit

Ceramics 2 H

Ceramics 2 H will focus on the production of wheel thrown pottery. Class activities will pertain to the wheel and tools of production, along with wheel throwing techniques including centering, coning, opening, pulling, collaring, and trimming of ceramic vessels. Students will learn how to make vases, bowls, plates, handles, and lids as well as how to connect multiple thrown parts. Glaze and surface quality experimentation will also be used in project production. Students will be required to do research on decorative techniques and brainstorm forms prior to final production. Students may be required to supply clay and glaze depending on desired project qualities.

Grades 10.11.12

Prerequisite: Ceramics 1 H and teacher signature required

.5 Credit

AP 2D Art & Design

The 2D AP Studio Art course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in 2D design (painting, printmaking, mixed media, and photography). The student will create a body of work that demonstrates quality and a sustained investigation. This portfolio will be submitted to the College Board for scoring in lieu of a written exam. As in any college level course students will be expected to spend considerable amount of time outside of class in order to complete assignments, homework, and sketchbook work. Students are not exempt from the first semester exam and must submit a portfolio to the College Board. Summer assignments will be required.

Grades 10,11,12

Prerequisite: Submission of a 5-piece portfolio, and successful completion of two other visual art classes. Application is required.

1 Credit

AP 2D Studio Graphic Design

AP Studio Graphic Design will focus on the production of design materials for the opening of a personal student business. Students will develop a business idea, mission statement, and vision statement to guide design developments. Students will produce logos, social media templates, paper products such as flyers and advertisements, product labels, and website templates. Students, in accordance with College Board requirements, will produce a high number of design ideas and projects that will require group discussions, presentations, and critiques to improve projects through practice, experimentation, and revisions. Students will also self-determine company ideas, directions, and graphics for their chosen company. At the end of the year, students will submit five final designs and fifteen production process images for the AP Art and Design Portfolio. There are no semester exams as the portfolio is the student's final exam for the course.

Grades 10,11,12

Prerequisite: Must have taken two art classes prior to taking any AP Art class. Graphic Design 1 CP is required and Introduction to Drawing is recommended but not required depending on student ability. Application is required.

1 Credit

AP 3D Art & Design

The 3D AP Studio Art course is for students interested in a rigorous and focused study in art. Students will develop a quality portfolio that demonstrates a mastery of concept, composition, and execution in 3D design (ceramics, assemblage, and sculpture). The student will create a body of work that demonstrates continuous sustained investigation into a personally interesting topic for this yearlong course. This final portfolio will be submitted to the College Board for scoring in lieu of a written exam. Submission of said portfolio is required to be exempted from a final exam. As in any college level course students will be expected to spend considerable amount of time outside of class in order to complete assignments, homework, and sketchbook work. Students, in accordance with the College Board requirements, will produce a high number of design ideas and projects that will require group discussions, presentations, and critiques to improve projects through practice, experimentation, and revisions. Summer assignments will be required.

Grades 10,11,12

Prerequisite: Submission of a 5-piece portfolio, and successful completion of two other visual art classes. Application is required.

1 Credit

AP Drawing

The Drawing AP Studio Art course is for students interested in a rigorous and focused study in art based on drawing. Students will develop a high-quality portfolio that demonstrates a mastery of concept, composition, and execution in drawing (traditional and non-traditional methods of mark making). The student will create a body of work that demonstrates continuous sustained investigation into a personally interesting topic for the yearlong course. This final portfolio will be submitted to the College Board for scoring in lieu of a written exam. Submission of said portfolio is required to be exempted from a final exam. As in any college level course students will be expected to spend considerable amount of time outside of class in order to complete assignments, homework, and sketchbook work. Students, in accordance with College Board requirements, will produce a high number of design ideas and projects that will require group discussions, presentations, and critiques to improve projects through practice, experimentation, and revisions. Summer assignments will be required.

Grades 10,11,12

Prerequisite: Submission of a 5-piece portfolio and successful completion of two other visual art classes. Application is required.

1 Credit

Digital Photography H

This course introduces students to the art, mechanics, history, and importance of photography as a force in visual communication. Ideas of composition and creative angles will be developed using phones cameras, DSLR cameras, and basic editing techniques. Students will learn to produce high quality prints and explore the concepts of light and composition. Although the student is working with some of the most technologically advanced photo editing software available, the goal of the course is to master traditional photographic techniques and understand how light affects exposure. Each student is required to have access to a digital camera with manual shutter speed and aperture controls. Camera costs vary and students are strongly encouraged to research prices before signing up for this course. The cost for the appropriate camera begins at around \$250.00.

Grades 10,11,12

Prerequisite: Successful completion of one visual art class and teacher signature required

.5 Credit

Band H

Band provides continuing music education for students who have basic proficiency in their instrument. Listening, playing, and reading techniques are developed along with concert band preparation and performance. This is a performance course. Students are expected to play at concerts, pep rallies, games, etc. This course may be repeated.

Grades 9,10,11,12

Prerequisite: Teacher signature required

1 Credit

Men's Chorus CP

This semester-long entry level course is offered in the fall only. It covers basic vocal technique, sight-reading, and music theory. Students who take this course in the Fall could potentially take Concert Choir in the spring.

Grades 9,10,11,12

.5 Credit

Women's Chorus CP

This semester-long entry level course is offered in the fall only. It covers basic vocal technique, sight-reading, and music theory. Students who take this course in the Fall could potentially take Concert Choir in the spring.

Grades 9,10,11,12

.5 Credit



Concert Choir CP

This course is designed for students who do not have significant problems matching pitch. Students must be mature and self-controlled in order to handle intense, focused choral rehearsals. The Concert Choir class performs under the name “KCHS Concert Choir” and sings a repertoire of advanced difficulty (5-6 of 6). Off-campus performances are required.

Grades 9,10,11,12

Prerequisite: Previous choral experience. Teacher signature required.

.5 or 1 Credit

KCHS Singers H

The ensemble sings a repertoire of advanced difficulty (5-6 of 6). Public performance is an integral part of the Singers curriculum. Students will be expected to commit to additional outside-of-school seasonal practice sessions. In addition, students will have the unique opportunity to engage in a Spring Break tour, offering real-world performance experiences, exposure to diverse musical traditions, and the opportunity to represent the ensemble in various locations. The class size is limited.

Grades 10,11,12

Prerequisite: Audition Required. Commitment to outside-of-school practice schedule and tour participation.

1 Credit

Theater 1 CP

Theater I is an introductory survey course that establishes the base for all subsequent theater courses. Performance is not required. Concepts include:

- Theatrical vocabulary, elements, conventions, and basic concepts
- Play form and structure.
- Creative thinking and problem solving
- Strategies for evaluating performance experience.

Grades 9,10,11,12

.5 Credit

Scene Study (Acting) CP

Scene Study is a beginning/intermediate acting class that expands the actor's knowledge base and continually refines techniques and skills. This course may be repeated. Concepts include movement and physical acting, audition technique, character development and performance technique.

Grades 9,10,11,12

Prerequisite: Theater 1, Irish Ensemble, KCHS Theater Company show, or prior choral/theater experience. This course is taught at the same time as Scene Study (Acting/Directing) H.

.5 Credit

Advanced Production H

Advanced Production Honors, aligned with each fall and spring Irish Arts Theatre Company production, is geared toward current company members and those interested in live event performance production and management. This class will be a supplement to rehearsal and production time normally only offered after school and on weekends. Students who participate in this one semester class will be eligible to join the International Thespian Society, an international honor society. Each semester, students will complete a capstone project related to the current semester's production. This course may be repeated.

Grades 11,12

Pre- or Co-Requirement: Participation in previous Irish Arts Productions, and/or Scene Study CP. Teacher signature required.

.5 Credit

Film, Art, and Literature CP

This course will specifically look at film, art, and literature's influence on America in the 20th and 21st centuries. It is designed for any student who is interested in culture and the relationship between art and cultural world events. Students will investigate the impact that culture has had on America through the lens of the historical events of the 20th & 21st centuries and the effect that historical events have on popular culture. Students will engage in research and problem solving in order to better understand and assess significant cultural issues and events. The course will end with a capstone project evaluating current culture and the role of technology in art.

Grades 9,10,11,12

.5 Credit

Black Cinema CP

Black Cinema is a film course where we explore and discuss the history, development, and influence of Black cinema in America. Students watch 12+ entertaining, inspirational, and thought-provoking films from the following genres: biography/autography, history, animation, comedy, horror, musical, western, documentary, and drama from the early 1900s to the present. The focus will be watching the assigned films in class. At the instructor's discretion, assessment may be a mix of written responses, oral discussion in both small groups and the larger group, projects, quizzes, etc. Seniors who meet the requirements may be exempt from the semester exam. NOTE: The films that will be viewed have been approved by the administration; in addition, a parent/guardian signature is required on the course selection sheet.

Grades 11,12

Prerequisite: Students possess appropriate maturity level for viewing and discussing course content.

.5 Credit

Voice Acting CP

This course is for students who wish to develop the skills needed to work as voice talent. It will explore the acting skills, the vocal skills, the job requirements, the hands-on techniques of voicing to picture, auditioning and script analysis. This course will prepare students for both on-air and voice-over work. Voice-over includes audiobooks, television, radio, and public address. Students will receive coaching in personal voice techniques and learn about the industry to prepare for work at the professional level.

Grades 9,10,11,12

.5 Credit

Dance Fundamentals CP

In this semester 1 course, beginner/intermediate/advanced dancers will learn the fundamental techniques of various dance genres, history of these various dance styles as well as notable performers and choreographers in each realm of dance. The primary focus will be on jazz, modern/contemporary, and hip-hop styles. Upon completion of this course, dance students will be able to recognize, describe, and perform different dance techniques as well as have a clear understanding of the cultural and historical context of each genre. They will have the ability to critique dance by relating to and exploring the process of performance and improvisation as it relates to other arts disciplines and writings. Students will define dance vocabulary and be able to create original choreography. Students are required to wear P.E. attire for this class. Students can choose to use this course as a Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

.5 Credit

Advanced Dance H

This fall semester course is designed for the intermediate-advanced dancer to improve dance technique and enhance performance quality. Through this course students will learn how to view dance from a critical perspective through live performance and expand their technical base in various dance genres including jazz, ballet, modern, and hip hop. Advanced Dance H is not a class exclusively for the dance team; however, it is highly recommended for all members of the Dance Team to concentrate on improving their overall technique, strength, and flexibility throughout their season. Membership to the dance team is determined by a successful adjudicated audition held each year in the Spring. Students are required to wear proper dance attire for this class.

Students can choose to use this course as a Production/Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

Prerequisite: Audition required.

.5 Credit

Dance Hip-Hop CP

This course (offered in Semester 2 only) will focus on the foundation and origins of hip hop dance, its culture, and the journey to today's current definitions of hip-hop and freestyle dance. Beginner/Intermediate/Advanced dancers will develop rhythmic skills, floor work, freestyle movement, and will learn various hip-hop dance styles that have evolved through the decades. Students will also be introduced to historical and practical knowledge of hip hop. Students are required to wear appropriate P.E. attire for this class.

Students can choose to use this course as a Production/Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

.5 Credit

Intro to Yearbook CP

This course introduces students to aspects of yearbook production including photography, writing, page design, and publications software. Students gain practical experience in yearbook production.

This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grade 9

.5 Credit

Yearbook Production CP

This course may be taken as a year-long or semester-long course.

This course gives students practical experience in all aspects of yearbook production including photography, legal and ethical issues, writing, editing, page design, graphics, publications software and advertising. Students are expected to work after school in addition to class time.

This course may be repeated.

This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 9,10,11,12

Prerequisite: Introduction to Yearbook or teacher signature required

.5 Credit or 1 Credit

Yearbook Editing H

Students selected as editors continue to gain experience in all aspects of yearbook production. In addition, duties include the design, review, and submission of assigned pages, organization and facilitation of deadlines, and photography management and editing. Editors oversee the work of staff members and provide an example of dedication, focus, and positive attitude. Editors should expect to spend a significant number of hours in evening or weekend work sessions. Summer planning session is required. This course may be repeated. This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 10,11,12

Prerequisites: *Introduction to Yearbook and Yearbook Production. Application and teacher signature required.*

1 Credit

Digital Media 1 -Intro to Digital Media CP

Students learn the basics of making videos, broadcasting live events, and increasing social media presence. All students are required to attend sporting, artistic, or athletic events to earn production hours (around 10 hours). No prior experience is required.

Digital Media will require computer-intensive work. For this reason, it is recommended that students check the Adobe Premiere Pro specifications and consider a laptop that meets the recommended specifications (those can be found at <https://helpx.adobe.com/premiere-pro/system-requirements.html>). If a student cannot meet these specifications, desktop computers are available on a first-come, first-served basis.

PLEASE NOTE: Students will earn the required participation hours by attending approximately three to four events outside of the standard class day. Production hours may count for up to 50% of the grade. This class does not require, but does recommend, an external hard drive. Starting prices are around \$50.

This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 9,10,11,12

.5 Credit

Digital Media 2—Studio/Television Productions H

Students will replicate studio shows like WBIR, Food Network and Sports Center. Students will be responsible for finding newsworthy stories and producing scripts/ video content that bolster the broadcasts. Students will learn how to work together as a crew in the studio but will also work independently on creating news packages outside of class. Everyone will have the opportunity to work in a variety of jobs such as director, producer, camera operator, news anchor, audio tech, and more. Students will be required to produce news packages outside of class. This course may be repeated.

All levels of the Digital Media program will require computer-intensive work. For this reason, it is recommended that students check the [Adobe Premiere Rush requirements](#) and consider a laptop that meets the specifications.

PLEASE NOTE: This class will require students to capture, produce, and edit news packages, as well as prepare news scripts outside of class. They must also work (1) KCHS live event to fulfill production hour requirements. This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 10,11,12

Prerequisites: Digital Media 1 and teacher signature required

1 Credit

Digital Media 2 – Fundamentals of Filmmaking H

Students will learn the basics of pre-production, production, and post-production through creating a series of short films and videos. As individuals, students will produce visual and scripted content such as music videos, stop motion animation projects, product ads, documentaries, and scripted short films (under 5 minutes long). Students will also work as a class, serving as a full film crew for one 10-minute-long short film. This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 10,11,12

Prerequisites: Digital Media 1-Intro to Digital Media

1 Credit

Digital Media 3—Live Events H

As a program Irish Media Network is nationally acclaimed for its sports productions and meets most of the ESPN3/+ production requirements. Students plan and execute various live broadcasts. These may include athletic, academic, and fine arts events. Students will learn organizational skills and the responsibility it takes to execute ESPN-like productions. In class, students will also coordinate social media posts for the Irish Media Network. All students are required to attend various sporting and academic events on a rotating schedule to earn production hours (25-60 per semester). Digital Media will require computer-intensive work. For this reason, it is recommended that students check the Adobe Premiere Pro specifications and consider a laptop that meets the recommended specifications (those can be found at <https://helpx.adobe.com/premiere-pro/system-requirements.html>). If a student cannot meet these specifications, desktop computers are available on a first-come, first-served basis. This course may be repeated.

PLEASE NOTE: This class requires significant participation outside of the standard class day. Work outside of class may count for up to 50% of the grade. This course fulfills the Production/Performance portion of the Fine Arts requirement.

Grades 11,12

Prerequisites: Digital Media 1, 2, and teacher signature required.

.5 or 1 Credit



Digital Media 4 — Leadership, Innovation, & Development (LID) H

In Digital Media IV – LID students will oversee the studio productions and help lead, teach, and encourage peers. This class is highly limited and reserved for students who truly love the production environment and have a desire to learn, teach, and lead. This class is not for a student who is just looking for the next course to take. As a member of this elite class, the student will function as the producer for our studio environment or director/engineer for live events for the semester. This class is limited to four people per semester and will meet during the Studio Production or Live Events class periods – specification will be made when you meet with the instructor for course approval. This course may be repeated.

Digital Media will require computer-intensive work. For this reason, it is recommended that students check the Adobe Premiere Pro specifications and consider a laptop that meets the recommended specifications (those can be found at <https://helpx.adobe.com/premiere-pro/system-requirements.html>). If a student cannot meet these specifications, desktop computers are available on a first-come, first-served basis. This course fulfills the Production/Performance portion of the Fine Arts requirement.

PLEASE NOTE: This class requires significant participation outside of the standard class day. Work outside of class may count for up to 50% of the grade.

Grades 11,12

**Prerequisites: Digital Media 1, and 2 or 3, and teacher signature required
.5 or 1 Credit**





Physical Education Courses

The Health and Physical Education Department strives to promote each student's physical and emotional wellness. Students are required to complete at least 1.5 credits in Lifetime Wellness. All students are required to take a Lifetime Wellness Health class (.5 credit), a Lifetime Wellness Physical Education (PE) class (.5 credit), as well as ONE of the following for the additional .5 credit:

- An additional KCHS PE course.
 - Participate in a school-sponsored sport (e.g., football, softball, etc.) or school sanctioned activity (e.g., swim & dive, men's volleyball, etc.). Transcripts will be updated with a grade of 'P' (Pass) to reflect the .5 credit.
 - Complete a minimum of 65 hours of physical activity outside of the school day during one academic year (e.g., rowing, martial arts, gymnastics). Students are required to submit an Athletic Participation Verification Form (obtainable from Schoology/Canvas) to the School Counselor by the first day of 2nd semester exams. Transcripts will be updated with a grade of 'P' (Pass) to reflect the .5 credit.
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Lifetime Wellness 1.5 Credit

Lifetime Wellness Health (.5)
 Lifetime Wellness PE (.5)
 LW PE (Boys/Girls)
 LW Weight Training (Boys/Girls)
 LW Advanced Weight Training (Co-ed)
 LW Flexibility & Movement
 LW Speed & Agility (Co-ed)
 LW Dance Fundamentals
 LW Dance Hip Hop
 LW Advanced Dance H
KCHS Sports Team Specific Classes
 LW Weight Training Football (Spring)
 LW PE Baseball (Fall)
 LW PE Basketball (Fall)
 LW PE Tennis (Fall)

Final (.5) LW:
 Student can fulfill extra .5
 PE credit two ways:

- PE Class + Sport
 (KCHS Sport or
 65 hrs. outside)
- OR**
- PE Class + PE Class
 (taking two LW PE
 classes)

Personal Finance

.5 Credit

Personal
 Finance CP

**Recommended
 11th or 12th**

Lifetime Wellness Health - Girls CP

The goal of Lifetime Wellness Health is to provide the female student with information and skills necessary to make good choices that allow her to have a long, healthy life. This course approaches wellness from the academic standpoint. Personal fitness, nutrition, disease prevention and control, safety, mental health, substance use and abuse, as well as sexuality and family life are discussed. Course information is derived from the textbook, newspapers, magazines, the Internet, and guest speakers.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Health - Boys CP

The goal of Lifetime Wellness Health is to provide the male student with information and skills necessary to make good choices that allow him to have a long, healthy life. This course approaches wellness from the academic standpoint. Personal fitness, nutrition, disease prevention and control, safety, mental health, substance use and abuse, as well as sexuality and family life are discussed. Course information is derived from the textbook, newspapers, magazines, the Internet, and guest speakers.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness PE - Girls CP

The goal of Lifetime Wellness PE is to provide the female student with information and skills necessary to make good choices that allow her to have a long, healthy life. This course identifies and practices skills to develop the components of health-related fitness: cardio-respiratory endurance, muscular strength, muscular endurance, and flexibility. Students participate in a variety of individual and team activities. This course may be repeated to meet graduation requirements.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness PE - Boys CP

The goal of Lifetime Wellness PE is to provide the male student with information and skills necessary to make good choices that allow him to have a long, healthy life. This course identifies and practices skills that develop the components of health-related fitness: cardio-respiratory endurance, muscular strength, muscular endurance, and flexibility. Students participate in a variety of individual and team activities. This course may be repeated to meet graduation requirements.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Weight Training - Girls CP

Weight Training is designed for any female student wanting to increase her overall physical fitness. This intense course focuses on the core lifts involved in athletics, supplementary lifts to enhance the core lifts, agility exercises, cardiovascular activities, and speed training. Students are able to use this training to their advantage in a particular sport and are also able to create a passion for better health and fitness to carry them through their lifetime. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). Only one Weight Training class per semester is allowed. This course may be repeated.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Weight Training - Boys CP

Weight Training is designed for any male student wanting to increase his overall physical fitness. This intense course focuses on the core lifts involved in athletics, supplementary lifts to enhance the core lifts, agility exercises, cardiovascular activities, and speed training. Students are able to use this training to their advantage in a particular sport and are also able to create a passion for better health and fitness to carry them through their lifetime. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). Only one Weight Training class per semester is allowed. This course may be repeated.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Advanced Weight Training CP

Advanced Weight Training is a co-ed course intended for students who play a KCHS sport and are experienced in the weight room. This course will allow the students to lift and train during school hours, which will allow more time for sports practice after school. More advanced lifts include bench, squat, deadlift, hang cleans power clean, etc. Proper form and skill development will be the goal. This course may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). Only one Weight Training class per semester is allowed.

Grades 9,10,11,12

Prerequisite: KCHS coach signature required.

.5 Credit

Lifetime Wellness PE Baseball CP

This course is designed for any KCHS baseball player. It will be offered during A block in the fall. This course is designed to promote physical fitness, teamwork, and lifelong wellness through the fundamentals of baseball. It focuses on developing skills like throwing, hitting, catching, and conditioning while emphasizing the importance of overall physical activity. Students learn game strategies, rules, and sportsmanship, combining athletic engagement with lessons on maintaining a healthy lifestyle. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). This course may be repeated.

Grades 9,10,11,12

Prerequisite: Member of the KCHS baseball team and Coach signature (rising 9th confirmation based on team roster)

.5 Credit

Lifetime Wellness Weight Training Football CP

This course is designed for any KCHS football player. It will be offered during A block in the spring. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). Only one Weight Training class per semester is allowed. This course may be repeated.

Grades 9,10,11,12

Prerequisite: Member of the KCHS football team and Coach signature (rising 9th confirmation based on team roster)

.5 Credit

Lifetime Wellness PE Basketball CP

This course is designed for any KCHS basketball player both male and female. It will be offered during A block in the fall. This course is designed to promote physical fitness, teamwork, and lifelong wellness through the fundamentals of basketball. It focuses on developing skills like dribbling, passing, shooting, and defense while emphasizing the importance of physical activity for overall health. Students learn game strategies, rules, and sportsmanship, combining athletic engagement with lessons on maintaining a healthy lifestyle. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). This course may be repeated.

Grades 9,10,11,12

Prerequisite: Member of the KCHS basketball team and Coach signature (rising 9th confirmation based on team roster)

.5 Credit

Lifetime Wellness PE Flexibility and Movement CP

The flexibility and movement class are designed to provide the physical benefits of exercise. techniques through focused movement accompanied with prayer. Students will perform exercises that increase flexibility, core strength, muscle tone, energy, and help regulate metabolism and respiration. The class fulfills the lifetime wellness credit required for graduation. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). This course may be repeated.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness PE Tennis CP

This course is designed for any KCHS tennis team member. It will be offered in the fall during A block from 7:45-9:00 at Cedar Bluff Racquet Club. This coed course will teach advanced tennis techniques and advanced singles and doubles strategy. Students will obtain knowledge of situational shot selection and court positioning needed to play advanced singles and doubles. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information). This course may be repeated.

Grades 9,10,11,12

Prerequisites: 9th grade requires coach approval

.5 Credit

Lifetime Wellness PE Speed and Agility Training CP

In this co-ed course students will learn the basics of speed development including the basics of multi-directional movement as it pertains to their sport and other sports. This will incorporate classroom instruction using videos and lectures to understand the physiology, physical requirements, and application. Gain the knowledge to build their own individual speed and multi-directional workouts and execute those workouts in class. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Dance Fundamentals CP

In this semester 1 course, beginner/intermediate/advanced dancers will learn the fundamental techniques of various dance genres, history of these various dance styles as well as notable performers and choreographers in each realm of dance. The primary focus will be on jazz, modern/contemporary, and hip-hop styles. Upon completion of this course, dance students will be able to recognize, describe, and perform different dance techniques as well as have a clear understanding of the cultural and historical context of each genre. They will have the ability to critique dance by relating to and exploring the process of performance and improvisation as it relates to other arts disciplines and writings. Students will define dance vocabulary and be able to create original choreography. Students are required to wear P.E. attire for this class. Students can choose to use this course as a Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Dance Hip-Hop CP

This course (offered in Semester 2 only) will focus on the foundation and origins of hip hop dance, its culture, and the journey to today's current definitions of hip-hop and freestyle dance. Beginner/Intermediate/Advanced dancers will develop rhythmic skills, floor work, freestyle movement, and will learn various hip-hop dance styles that have evolved through the decades. Students will also be introduced to historical and practical knowledge of hip hop. Students are required to wear appropriate P.E. attire for this class. Students can choose to use this course as a Production/Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

.5 Credit

Lifetime Wellness Advanced Dance H

This fall semester course is designed for the intermediate-advanced dancer to improve dance technique and enhance performance quality. Through this course students will learn how to view dance from a critical perspective through live performance and expand their technical base in various dance genres including jazz, ballet, modern, and hip hop. Advanced Dance H is not a class exclusively for the dance team; however, it is highly recommended for all members of the Dance Team to concentrate on improving their overall technique, strength, and flexibility throughout their season. Membership to the dance team is determined by a successful adjudicated audition held each year in the Spring. Students are required to wear proper dance attire for this class. Students can choose to use this course as a Production/Performing Arts credit or as the .5 Physical Education credit. This course cannot count for both credits.

Grades 9,10,11,12

Prerequisite: Audition required

.5 Credit



Physical Education Electives

Intro to Sports, Administration, and Performance CP

In this course students will examine the development of sports through various historical perspectives, with emphasis on students gaining a better understanding of the inner relationship that sport has on social, economic, cultural, and political forces that are at work universally. Information will be presented in an apolitical format encouraging students to evaluate the effects of these relationships rather than the moral/ethical implications of said relationships. Students will examine the variety of professional outlets, aside from sports participation, available through sports administration and performance. Students will examine the historical context and significance of gender, race, ethnicity, and social class., and will access this information through readings, primary sources, audio and visual materials, and class discussions. This class does not count for PE Credit.

Grades 9,10,11,12

.5 Credit

Intro to Sports Officiating CP

This course will utilize RefReps OES as its source of curriculum material. As a class, each student will become certified in basketball and football officiating, then the student will be allowed to pick a sport of their choosing for the final certification. At the end of each sport module, the student will be required to pass the National Federation of High School Sports test for that sport. After completion, the student will gain their certification. The student will gain lifetime access to RefReps for each sport certification. The class has a mandatory fee to participate. This class does not count for PE Credit.

Grades 11,12

.5 Credit

Sports Nutrition CP

Sports Nutrition CP introduces basic sports nutrition information to physically active students and student-athletes. It provides the tools needed to apply sports nutrition theory to sports training programs. Such benefits include improved athletic performance, enhanced body composition, healthy weight gain and maintenance, improved sleep, and overall improved health. This course will also cover the dangers of the supplement industry and how to properly identify appropriate supplementation for individual use, only after taking a food-first approach to improve performance. The course also looks into popular culture as it pertains to fad diets, eating disorders, performance enhancing drugs, and other popular nutrition topics. This class does not count for PE Credit.

Grades 9,10,11,12

.5 Credit



Applied Sports Nutrition CP

Applied sports nutrition theory and practice focuses on balancing calorie intake with physical activity, fueling for performance and health, managing healthy weight for sport, gaining healthy weight for sport, taking a deeper dive into sports supplements, using a “food first” approach to performance, selecting appropriate pre competition foods, basic cooking and shopping skills, and effectively recovering post competition. We will also examine the causes and descriptions of various eating disorders and disordered eating among all athletes. This course is a “level up” from Sports Nutrition CP. The focus will be on personal nutrition and fueling goals and individualized hydration strategies.

Various YouTube videos and documentaries will be shown in the class to provide information regarding various nutrition topics and to reinforce the lecture message. Guest speakers will also be utilized for different nutrition topics. This class does not count for PE Credit.

Grades 11,12

Prerequisite: Sports Nutrition CP. Teacher signature required.

.5 Credit





Business, Technology, and Engineering Courses

Business Communication CP

Business Communications is a course designed to equip students with the essential skills needed to communicate effectively in a professional environment. The course covers key communication methods, including verbal, written, and non-verbal forms, with a focus on clarity, persuasion, and professionalism. Topics include business correspondence, report writing, presentation skills, digital communication, and intercultural communication. Students will develop the ability to tailor messages for diverse audiences, navigate workplace dynamics, and enhance their ability to collaborate and resolve conflicts. By the end of the course, students will have a solid foundation in business communication techniques that are critical for success in any organizational setting.

Grades 9,10,11,12

Prerequisite: Public Speaking or teacher approval

.5 Credit

Business Leadership CP

This course endeavors to transform students into servant leaders through exercises and activities designed to help them adopt an empathetic, giving mindset. The course focuses on integrated character education, book studies, and service opportunities, and it introduces students to service and leadership development through activities with clubs, organizations, athletics, and community service projects. Possible books for the course include Energy Bus, Chop wood and Carry, The Carpenter, The Power of Positive Leadership, Fish, and Fish Sticks.

Grades 10,11,12

.5 Credit

Engineering and Technology CP

This course is designed to give an introductory view of the different aspects of Robotics. Concepts include the history and future of robotics, industry standard safety policies and procedures, basic building techniques, basic programming, and development of design processes. The student will be required to use basic power tools (drills, saws, grinders). Assessments will be both hands-on and traditional. Time will be split between the Robotics room and a traditional classroom. This class may not be repeated.

Grades 9,10,11,12

.5 Credit

Java 1 CP

The focus of this introductory course is to develop the basic skills required for computer programming. Other programming courses can be built from this course. Topics explored will be Input/output, variables, algorithms, compilation, program execution, critical thinking and problem solving. This class will not be focused on a specific programming language, but rather the process for programming in any language. This course is a prerequisite for any other programming classes our school will offer. There will be a \$25 fee for each student.

Grades 9,10,11,12

.5 Credit

Java 2 H

Java 2 H is designed to study Java at a deeper level. Students are introduced to programming concepts, terminology, syntax, and steps required to develop Java programs. Students will understand the concepts of classes and objects and how to implement them in code. The class will work heavily with conditionals, loops, and arrays to develop programs. Students will learn how to code efficiently and debug programs. Hands-on practice and problems will figure prominently in the class. As a secondary expectation, the class will discuss the potential job opportunities and social impacts of computer programming in general. There will be a \$25 fee for all students.

Grade 10,11,12

Prerequisite: 90+ in Java 1 CP and Teacher signature required. Students with prior experience with Java, JavaScript, and Python may take a test to skip Java 1 and be placed in Java 2 H.

1 Credit

Personal Finance CP

This required course is an introduction to personal financial planning with a stewardship focus. Topics covered include budgeting, savings and investment strategies, college and retirement planning, insurance and real estate transactions, and credit reporting practices.

Grades 11,12

.5 Credit

Social Media Marketing CP

Social Media Marketing CP is designed to empower students with the skills and knowledge needed to navigate the dynamic world of social media. This course is tailored to provide a holistic understanding of key elements, including branding, content creation, social media management, content calendar management, social media tools, hashtags, and graphic creation. By the end of this course, participants will be equipped with the skills and knowledge necessary to navigate the evolving landscape of social media, contributing to the school's digital presence, and fostering a positive online community.

Grades 9,10,11,12

.5 Credit

Visual Marketing Design CP

This course will use Adobe Illustrator and manual production techniques to produce typography, logotypes, and logomarks for personal business branding or outside business branding. Students will utilize the KCHS Innovation lab to produce signs, banners, and other class projects.

Grades 9,10,11,12

.5 or 1 Credit





Other Offerings

Bridge Study Hall Program

The Study Hall serves students who have been identified as academically at-risk by the placement committee but who DO NOT have an identified disability and are NOT eligible for accommodations through an individualized Student Support Plan (in lieu of a 504 accommodations). Students who are assigned to the bridge study hall will work with the coordinator in a small study hall setting to build a strong foundation of academic, organizational, and self-advocacy skills that will help the student achieve success at KCHS.

Grade 9

Pass/Fail Grading

.5 Credit

Directed Study Hall CP

This study hall mentors students in small groups to improve study habits, organizational skills, self-advocacy, and time management. Students will have access to faculty from several departments for review of key concepts. This course may be repeated for a second semester in the same year and may also be taken multiple years. Priority is given to students who work with the Learning Center. A student may be assigned to only two of the following three courses within a semester: Dual Enrollment Study Hall, regular Study Hall, TA.

Grades 9,10,11,12

Prerequisite: Learning Center Approval

Pass/Fail Grading

.5 Credit

Driver's Education CP

Prerequisite: Student must have driving permit and \$400 course fee on the first day of class. This course is designed to fulfill the classroom and driving requirements to receive a driver's education certificate. Defensive driving techniques and attitudes are emphasized in both the classroom and behind-the-wheel training. Driving time may take place outside of regular class time. Each student will have approximately 10 hours of actual driving time.

Prerequisite: Student must have driving permit and \$400 course fee on the first day of class
.5 Credit

Everyday Life Skills CP

This course is designed to equip individuals with essential life skills needed to effectively manage daily responsibilities at home, living independently, and in the workplace. It covers practical strategies for time management, organization, and problem-solving, ensuring a balance between personal and professional life. Participants will learn a broad range of practical skills that support both personal and professional success. Some of the key topics and areas included are time management, household management, automotive care, business communication, workplace etiquette and professionalism, civic engagement, and social responsibility. The course also focuses on financial management, self-care, and maintaining work-life harmony. By the end of the course, students will have the tools to navigate challenges in both home and work environments with confidence and efficiency.

Grades 9,10,11,12
.5 Credit

Freshmen Seminar CP

Freshman Seminar is a required class for ninth grade students not enrolled in a Directed Study Hall or Bridge Study Hall. This class is designed for the new high school student to learn strategies for success both here at KCHS and into the future. The course helps students understand who we are and what it means to be a KCHS scholar and leader skills will be addressed including organization, communication, academic study skills, problem-solving, and tools for effective technology use in school. Students will interact with a variety of faculty members who will be supporting students throughout the year. A portion of the time will be devoted to allowing time to work on academics in a structured and supervised classroom environment. Students are required to work quietly and independently.

Grade 9
Pass/Fail Grading
.5 Credit

Study Hall - Fall/Spring

Study Hall, a non-credit class, is designed to provide an opportunity for work on academics in a structured and supervised classroom environment. Students are required to work quietly and independently. A student signing up for two study halls in one year must have his School Counselor's signature to verify that he is on track to fulfill graduation requirements. This course may be repeated. A student may be assigned to only two of the following three courses within a semester: Dual Enrollment Study Hall, regular Study Hall, TA.

Grades 10,11,12

No Credit

Study Hall - Freshmen

Recommended for Spring Semester

Study Hall, a non-credit class, is designed to provide an opportunity for work on academics in a structured and supervised classroom environment. Students are required to work quietly and independently.

Grade 9

No Credit

Teaching /Office Assistant

Teaching/Office Assistant positions are available for seniors who have met all requirements for graduation. Specific placement is determined by the student's schedule and requesting teacher's schedule. Every effort is made to place students with their requesting teacher. If placement with the requesting teacher is not possible, the student may be assigned to another teacher, another department, or to front office personnel as need dictates. Disciplinarians have input into the student's ability to fulfill a TA position. A student may be assigned to only two of the following three courses within a semester: Dual Enrollment Study Hall, regular Study Hall, TA.

Grade 12

Prerequisite: Teacher and School Counselor approval required

Pass/Fail Grading

No Credit

“Education is not about knowing things or taking lessons but about being able to use three lingos: those of the head, the heart, and the hands...learning so that you can think about what you feel and do, can feel what you think and do, and can do what you feel and think. Unity within a person.”

- Pope Francis



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