



**2023-24**  
**COURSE DESCRIPTIONS**

“He whispered, ‘My precious child,  
I love you and will never leave you  
Never, ever, during your trials and testings.  
When you saw only one set of footprints,  
It was then that I carried you.’”

**On the cover:** “Footprints” statue by Timothy P. Schmalz  
Inspired by the poem “Footprints in the Sand”, the sculpture at the entrance to the St. Gregory the Great Auditorium captures that moment where Christ carries us through our troubled times. It is the perfect symbol of how Christ is always present to help us.

-Statue in Memory of Margaret and Carlyle Michelson

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## 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 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.

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## 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. 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 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 se-

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mester 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 a three.

Juniors and seniors are limited to five AP classes with study hall strongly encouraged. School counselors recommend that sophomores take only two AP courses (three allowed with counselor approval). 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 from an AP course is not automatically placed in an Honors level course.

**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)** courses provide students an excellent opportunity to experience a collegiate class, either in-person or online, before attending college. Students can simultaneously earn high school credit, which may count towards their high school GPA and graduation requirements,

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and college credit towards a degree or certificate program at many public/private and in-state/out-of-state institutions of higher education. **All post-secondary receiving institutions make the decision whether to grant credit and how to apply it to a student's program of study. Families should research this information prior to enrolling students in a DE course.**

**A student may be assigned to only two of the following three courses within a semester at KCHS: Dual Enrollment Study Hall, regular Study Hall, and/or TA.**

Additional information can be found in the Dual Enrollment Handbook in Schoology under Student Resources.

### **DE Classifications**

**Dual Enrollment with Dual Credit:** Qualified Juniors and Seniors may take approved courses in-person or online at a participating two or four-year college, such as PSCC, 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 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 in-person or online courses either during or outside of the academic year through higher education institutions, such as PSCC. ***These courses will not appear on the KCHS transcript and do not count towards 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.***

### **Paying for DE Courses**

The DE Grant program is funded by the Tennessee Lottery and administered by the Tennessee Student Assistance Corporation. The DE Grant will cover the tuition costs of four DE courses prior to graduation from high school. KCHS Counselors will assist students with the application process. A student must maintain at least a 2.0 college GPA to remain eligible for the grant. **If a student earns an F in their first semester DE course, they will lose the**

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**opportunity to access the grant in the future and will have to pay out-of-pocket for future courses.**

The only other expense students should anticipate is the cost of book(s). **The cost of books and materials for DE courses are not covered by the DE Grant and are not provided by the KCHS book rental agreement.** PSCC has a free application, but fees may apply for other eligible institutions. Books can range from \$80-\$200 per course. PSCC will apply the TSAC Dual Enrollment Grant to DE students' accounts sometime before mid-August or mid-January, depending on the term.

For more information on the DE Grant, please visit this site: <https://www.tn.gov/collegepays/money-for-college/tn-education-lottery-programs/dual-enrollment-grant.html>

Please be advised that International Students may have different application requirements and/or tuition fees.

Dual Enrollment Guidelines and Responsibilities:

1. Before enrolling in a DE course, students should consider that they are creating a college transcript with their first course taken. As with high school academic work, it is imperative that students give their best effort. In the case of English, students **must take and pass both semesters to be eligible for graduation from KCHS**. A failing grade in the second semester leaves no option for graduation in May.
  2. KCHS does not set curriculum for DE courses and has no control over teacher assignments, teaching practices, or grades from the DE institution.
  3. Leadership Development courses offered at PSCC will not be added to the KCHS transcript.
  4. The college school calendar may not match the KCHS school calendar, so students may have DE classes during a KCHS break.
  5. Students interested in taking any general education (e.g., English) or business course during the 2023-2024 school year must have an unweighted GPA of 3.0 and meet minimum requirements for ACT, Pre-ACT, SAT, or PSAT scores (PSAT and Pre-ACT scores are only accepted for KCHS rising Juniors):
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- ACT/Pre-ACT score of 18 in English and 19 in Reading **OR**
- SAT/PSAT score of 500 in Evidence-Based Reading and Writing

**Students with a 3.6 unweighted high school GPA are exempt from entrance testing.** This applies to all courses except for higher-level math and science courses.

Qualifications for some courses are unique. Students who wish to take a specific class, particularly in math or science, may need to meet additional ACT/PreACT or SAT/PSAT minimum scores in mathematics.

### Links to Course Offerings and Application Processes

More information on course offerings and application process is provided below:

#### **Pellissippi State Community College (PSTCC)**

- Course catalog: <http://catalog.pstcc.edu/>
- Dual Enrollment General Information: <http://www.pstcc.edu/dual>
- How to apply: <http://www.pstcc.edu/admissions/dual.php>
- Dual-Enrollment-Grant: <https://www.tn.gov/collegepays/money-for-college/tn-education-lottery-programs/dual-enrollment-grant.html>

## **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.

Overrides to courses (e.g., Algebra 1H to Algebra II H; Spanish 1H to Span-

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

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

## 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 recommendation. Data col-

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lected 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.

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 2H, 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:

<b><u>Credits</u></b>	<b><u>Subject</u></b>
4.0	Religion (1 course each year)
4.0	English (1 course each semester for 8 semesters)
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 of 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 RenWeb). The form must be submitted to the School Counselor by the first day of 2nd 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 1<sup>st</sup> 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.
  - Students may not leave campus during Dual Enrollment Study Halls or any other academic or non-academic class.
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## 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 or European 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).	

## 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.

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## **Introduction to Catholicism**

### **Grade 9, & 10th & 11th Grade Transfers      1 Credit**

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.

### **Religion 1 CP — Catholic Christianity**

#### **Grade 9 1 Credit**

This course is designed to give students the opportunity to examine the Profession of Faith of the Catholic Church. The fundamental dogmas and doctrines of the Church will be explored. An introduction to the liturgical calendar, the Saints, and various types of prayer will also be provided. The content of the course will serve as a good foundation for the student's religious studies at KCHS.

### **Religion 2 CP — Morality, Sacraments, and The Spiritual Life**

#### **Grade 10      1 Credit**

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).

### **Religion 3 CP — Sacred Scripture**

#### **Grade 11      1 Credit**

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.

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**Religion 4 CP — Christian Vocation      Grade 12      .5 Credit**

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.

**Religion 4 CP — Apologetics      Grade 12      .5 Credit**

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."

## Religion Electives

**Campus Ministry      Grades 11– 12      .5 or 1 Credit**

**Prerequisites:** Application, interview, and teacher signature required

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; as 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.

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## **Christian Pilgrimage**

**Grades 11, 12**

**.5 Credit**

**Prerequisite:** Teacher signature required

*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.

## **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 1**

**Grade 9**

**1 Credit**

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, the novel, and the writing process. Components of a research paper are completed in this course.

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**English 1 CP****Grade 9****1 Credit**

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 student 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.

**English 1 H****Grade 9****1 Credit**

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 student 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.

**English 2****Grade 10****1 Credit****Prerequisite: English 1 or English 1CP**

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

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short fiction, the novel, 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.

## **English 2 CP**

**Grade 10**

**1 Credit**

**Prerequisite:** English 1 (any level)

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.

## **English 2 H**

**Grade 10**

**1 Credit**

**Prerequisite:** 93+ in English 1CP or 90+ in English 1H

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.

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**English 3****Grade 11****1 Credit**

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.

**English 3 CP****Grade 11****1 Credit****Prerequisite: English 2 (any level)**

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.

**English 3 H****Grade 11****1 Credit****Prerequisite: 93+ in English 2CP, or 90+ in English 2H**

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.

**English 3 AP****Grade 11****1 Credit**

**Prerequisite: 90% in English II H or 93% in English II 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.**

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 Over-

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view). 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 1st 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 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.

## **English 4**

## **Grade 12**

## **1 Credit**

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.

## **English 4 CP**

## **Grade 12**

## **1 Credit**

### **Prerequisite: English 3 (any level)**

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 the novel. 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.

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**English 4 H****Grade 12****1 Credit****Prerequisite:** 93+ in English 3CP or 90+ in English 3H

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.

**English 4 AP****Grade 12****1 Credit**

**Prerequisite:** 93+ in English 3CP, 90+ in English 3H or English 3AP 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.**

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 1st 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 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.

**English 4 Dual Enrollment****Grade 12**

**1 HS Credit and potentially up to six hours college credit**

**Prerequisite:** Students must have an unweighted 3.0 GPA and the following qualifying test scores by February of Junior year: ACT/Pre-ACT

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**score of 18 in English and 19 in Reading OR an SAT/PSAT score of 500 in Evidence-Based Reading and Writing. If a student does not have qualifying scores, a 3.6 unweighted GPA will qualify a student to register.**

Students must pass both semesters of DE English to satisfy the KCHS English graduation requirement. These courses give students an opportunity to earn credit for both English 4 at KCHS and college English credit hours at many public and private institutions. **It is up to each student to research the policies for all potential receiving institutions to ensure that credits are transferable.**

**KCHS students typically take:**

**English 1010 (semester 1)** – 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)** – Analytic writing based on the study of literature; study and practice of research writing.

***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.***

## English Electives

### **Black Cinema CP**

**Grades 11, 12**

**.5 Credit**

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

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. Students complete one major assessment per quarter. Watching and discussion, both oral and written, are 90% of the quarter grade, and each end-of-quarter assessment is 10% of the quarter grade. 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.**

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**Book Love CP                      Grades 9—12                      .5 Credit**

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.

**Film as Literature 9/10 CP                      Grades 9, 10                      .5 Credit**

Students watch and discuss ten to twelve films from a variety of genres. One to two weeks are spent watching and discussing each film and supplemental materials. Discussion includes the elements of literature and film as well as the creative, structural, and production process of film. Students provide a variety of written responses to films and respond to specific questions in class discussion. Grades are weighted: watching, discussing, and writing responses comprises 80% of each quarter grade, and end of quarter assessments are 20% of each quarter grade. Students are required to take the semester exam.

**Film as Literature 11/12 CP                      Grades 11, 12                      .5 Credit**

Students watch, discuss, and apply elements of literature to ten to twelve iconic films. One to two weeks are spent watching and discussing each film and supplemental materials. Discussion includes the elements of literature with a focus on archetypes as well as the creative, structural, and production process of each film. Students are given the opportunity to provide personal written responses to the films and to respond to specific questions in class discussion. Grades are weighted: watching, discussing, and writing responses are 80% of each quarter grade, and end of quarter assessments are 20% of each quarter grade. Seniors who meet the requirements may be exempt from the semester exam.

**World Mythology and Epics CP                      Grades 10—12                      .5 Credit**  
**Material: *World Mythology: An Anthology of the Great Myths and Epics* (Second Edition)**

World Mythology is a semester course that presents myths and epics from every part of the world: Greece and Rome, the Middle East, the Far East and Pacific Islands, Africa, the Americas, the British Isles, and Northern Europe. The text includes the cultural history and background of each

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myth and epic. The course focuses on reading and discussion (80% of the grade) with some written/assessment assignments (20% of the grade). Seniors who meet the requirements may be exempt from the semester exam.

## 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%.

### **Algebra 1**

### **Grade 9**

### **1 Credit**

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.

### **Algebra 1 CP**

### **Grade 9**

### **1 Credit**

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 high-

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**1 Credit**

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.

**1 Credit**

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.

**1 Credit**

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.

**1 Credit**

**Prerequisite for freshmen: 8th grade teacher recommendation, a score in the 80<sup>th</sup> 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)**

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 2CP. 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.

**Geometry** **Grade 11** **1 Credit**  
**Prerequisite: Algebra 2 (any level)**

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.

**Geometry CP** **Grade 11** **1 Credit**  
**Prerequisite: Algebra 2CP or a 95+ class average in Algebra 2 with teacher recommendation**

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.

**Geometry H** **Grades 9—11** **1 Credit**  
**Prerequisites for juniors: 90+ class average and 88+ test average in Algebra 2H, or 95+ in Algebra 2CP and teacher recommendation**

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

**Prerequisites for freshmen: Freshmen may be permitted to take both Geometry H and Algebra 2H during the same year if the student took Algebra 1 in 8<sup>th</sup> grade, has the 8<sup>th</sup> grade teacher's recommendation, scored in the 90<sup>th</sup> 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)**

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### 1 Credit

Finite math will focus on a range of topics from Algebra, Geometry, and Statistics. The 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.

**1 Credit**

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.

**1 Credit**

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.

**1 Credit**

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.

## **Statistics H** **Grades 11, 12** **1 Credit**

**Recommended corequisite: PreCal CP or College Algebra CP**

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:

1. Exploring data: observing patterns and departures from patterns.
2. Planning a study: deciding what and how to measure.
3. Anticipating patterns: producing models using probability theory and simulation.
4. Statistical inference: confirming models.

Students are required to have the TI-84 CE graphing calculator.

## **Statistics AP** **Grades 10—12** **1 Credit**

**Prerequisite: Must be enrolled in or have completed Pre-Calculus Honors. Application is required. Seniors in Pre-Calculus CP may apply.**

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 1st 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 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.

## **Calculus H** **Grades 11, 12** **1 Credit**

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

Calculus Honors is designed for students who have successfully completed Pre-Calculus but who do not desire the rigors of an Advanced Placement

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**1 Credit**

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 1st 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 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.

**1 Credit**

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.

All AP students are required to take the 1st 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 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.

## 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.

### **Biology 1** **Grade 9** **1 Credit**

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.

### **Biology 1 CP** **Grade 9** **1 Credit**

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 lecture and emphasize use of the scientific method from the formation of hypotheses to conclusions, particularly problem solving and application.

### **Biology 1 H** **Grade 9** **1 Credit**

**Prerequisite:** Previous science teacher recommendation and qualifying placement test score

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 lecture and emphasize use of the scientific method from the formation of hypothesis to conclusions, particularly problem solving and applications.

### **Biology AP** **Grades 10—12** **1 Credit**

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

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

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**Application required**

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 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 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.

**Physical Science CP****Grade 10****1 Credit****Prerequisite: Any level of Biology**

This course is offered to students who would benefit from an additional year of preparation before encountering the mathematical components presented in Chemistry 1CP. 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.

**Chemistry 1****Grades 10, 11****1 Credit****Prerequisite: Biology 1 and/or Physical Science CP**

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.

**Chemistry 1 CP****Grades 10, 11****1 Credit**

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

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### **70+ in Biology 1CP and 70+ in Algebra 1CP**

Chemistry 1CP 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.

### **Chemistry 1 H**

**Grade 10**

**1 Credit**

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

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.

### **Chemistry 2 H**

**Grades 11, 12**

**1 Credit**

**Prerequisite: 90+ in Chemistry 1CP or 85+ in Chemistry 1H**

**Completion of a summer review packet is required.**

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.

### **Chemistry 2 AP**

**Grades 11, 12**

**1 Credit**

**Prerequisite: 93+ in Chemistry 1CP or 90+ in Chemistry 1H**

**Application and completion of a summer review packet is required.**

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 1st semester exam (no exemptions allowed) and are also required to take the AP exam. Students who do not

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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.

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**Environmental Science CP                      Grades 11, 12                      1 Credit**

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

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.

**Ecology H    Grades 11, 12                      1 Credit**

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

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.

**Oceanography CP                                      Grades 11, 12                      1 Credit**

**Prerequisites:** 80+ in both Biology (any level) and Chemistry 1 (any level)

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.

**Physics H    Grades 11, 12                      1 Credit**

**Prerequisites:** 90+ in Chemistry 1CP or 85+ in Chemistry 1H 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.**

Physics Honors is an in-depth examination of the relationship between matter and energy through classical mechanics. An introduction to mod-

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ern physics, including relativity, astronomy, and atomic and nuclear physics is also included. Theoretical problem solving and laboratory approaches are utilized.

### **AP Physics 1: Algebra-based      Grades 11, 12      1 Credit**

**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 Physics H prior to this course.**

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

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. Electric circuits will be introduced. 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 1st 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 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.

### **AP Physics C: Mechanics      Grades 11, 12      1 Credit**

**Corequisite or prerequisite:** AP Calculus AB

**Seniors may substitute any level of Physics course for the 4th year Math course. Teacher approval required.**

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 1st semester exam (no exemptions

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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 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.

### **Physiology CP** **Grades 11, 12** **1 Credit**

**Prerequisites:** 80+ in both Biology (any level) and Chemistry 1 (any level)

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.

### **Physiology H** **Grades 11, 12** **1 Credit**

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

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.

## **Science Electives**

### **Forensics CP** **Grades 10—12** **.5 Credit**

**Prerequisite:** Biology 1 (any level)

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.

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## Social Studies Courses

KCHS Social Studies courses examine how people live and organize themselves in society while embracing geography, history, and economics.

### **World History CP**

**Grade 10**

**1 Credit**

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.

### **World History H**

**Grade 10**

**1 Credit**

**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.**

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.

### **World History: Modern AP**

**Grades 10—12**

**1 Credit**

**Prerequisites:** Recommendation from current English teacher, and the following grade requirement: 95+ English CP, 92+ English H; or 85+ English AP

**An application, including a brief analytical writing sample, is required.**

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World History: Modern AP focuses on the cultural, environmental, social, and political history of the world from 1200 CE to the present. The course devotes considerable time to Asian, African, and South American history, as well as European and North American history and an 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 and document-based questions (DBQs) as well as objective evaluations.

All AP students are required to take the 1st 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 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.

### **European History AP                      Grades 10—12                      1 Credit**

**Prerequisites:** Freshmen and Sophomores - Recommendation from current English teacher and the following grade requirements:

**95+ English 1CP or 92+ English 1H.**

**Juniors and Seniors—Recommendation from current Social Studies teacher.**

**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. This class provides excellent preparation for English 3AP and U. S. History AP.

All AP students are required to take the 1st 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 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.

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## **U. S. History CP**

**Grade 11**

**1 Credit**

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.

## **U. S. History H**

**Grade 11**

**1 Credit**

**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.

Material covered in this course begins with the colonizing of America and ends with 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.

## **U. S. History AP**

**Grade 11**

**1 Credit**

**Prerequisites:** 95+ English 2CP or  
93+ English 2H  
and

95+ World History CP or  
93+ World History H or  
90+ Euro AP or  
92+ World History AP

**An application is required.**

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 1st 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 College Board). A student must take the

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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.

### **U. S. Government CP                      Grades 11, 12                      .5 Credit**

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.

### **U. S. Government H                      Grades 11, 12                      .5 Credit**

**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.

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.

### **U. S. Government AP                      Grades 11, 12                      1 Credit**

**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 European 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.**

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

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All AP students are required to take the 1st 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 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.

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.

## Deep Dive into History: Revolutions H

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

Students will spend one quarter “diving deep” into the theme of Revolutions, studying the American, French, and Russian Revolutions in depth. Text for the course is *Anatomy of a Revolution* by Crane Britton. Late in the first quarter students will formulate their own research question relevant to the Revolutions 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.



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**Comparative Government and Politics AP****Grades 11, 12****1 Credit****Prerequisites: 85+ in any AP History or AP English course, or****90+ in English 2H or 3H or****95+ in English 2CP or 3CP**

China, Iran, Mexico, Nigeria, Russia, and the United Kingdom: the political structures, economic policies, and social challenges of these nations are explored in AP Comp Gov. Students cultivate their understanding of comparative government and politics through 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. AP Comparative Government and Politics is an introductory college-level course in comparative government and politics.

All AP students are required to take the 1st 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 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.

**Human Geography AP****Grades 9, 10****1 Credit****9th Grade placement is based on 8<sup>th</sup> grade teacher recommendation, placement test scores, and application essays.****10th Grade Prerequisites: 92+ English 1H or 95+ English 1CP****Application required for rising Sophomores**

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 is required.

All AP students are required to take the 1st 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 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.

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## World Language Courses

The World Language Department offers comprehensive course studies in French, Latin, and Spanish. All students are required to earn two credits in the same world language in order to meet graduation requirements. Students are encouraged to complete at least three years of the same language. Students who have completed their graduation requirement or who are continuing in their first world language may start a second world language, if desired and if recommended by the current language teacher. 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. All honors world language courses are designed for students who demonstrate above average ability in the target language.

### **French 1 CP**

**1 Credit**

**Placement based on 8<sup>th</sup> grade teacher recommendation and placement test scores in verbal, reading, and language sections.**

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.

### **French 1 H**

**1 Credit**

**Placement based on 8<sup>th</sup> grade teacher recommendation and placement test scores in verbal, reading, and language sections.**

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 fo-

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cus 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. 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 1 class. Honors students are also required to take the National French Exam which is administered in the spring.

## **French 2 CP**

**1 Credit**

**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 NCSSFL-ACTFL Can-do statements.**

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.

## **French 2 H**

**1 Credit**

**Prerequisite: 90+ in French 1H or 95+ in French 1CP 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.**

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

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French language. Honors students are also required to take the National French Exam which is administered in the spring.

### **French 3 CP**

**1 Credit**

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

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.

### **French 3 H**

**1 Credit**

**Prerequisite:** 90+ in French 2H or 95+ in French 2CP 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.

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 3CP class. Students are required to take the National French Exam which is administered in the spring.

### **French 4 CP**

**1 Credit**

**Prerequisite:** 75+ in French 3CP or French 3H and performance at the Intermediate Low level in the interpretive and presentational modes of

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**communication; as outlined in the NCSSFL-ACTFL Can-do statements. Teacher recommendation required.**

French 4CP 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. In preparation for College-level language courses, some explicit grammar will be taught in this course.

## **French 4 H**

**1 Credit**

**Prerequisite: 90+ in French 3H or 95+ in French 3CP 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.**

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. Honors students are also required to take the National French Exam, which is administered in the spring.

## **French AP**

**1 Credit**

**Prerequisite: 90+ in French 3H 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 and summer work required.**

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,

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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 1st 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 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.

### **Spanish 1**

**1 Credit**

**Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. This class is for students who score a proficiency level no higher than Novice Low in the interpretive and presentational modes of communication.**

Spanish 1 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 at least one novel 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 essential.

### **Spanish 1 CP**

**1 Credit**

**Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. This class is for students who score a proficiency level no higher than Novice Low in the interpretive and presentational modes of communication.**

Spanish 1CP 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 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 essential.

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**Spanish 1 H****1 Credit**

**Placement based on 8th grade teacher recommendation and placement test scores in verbal, reading, and language sections. This class is for students who score a proficiency level no higher than Novice Low in the interpretive and presentational modes of communication.**

Spanish 1H 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 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. 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.

**Spanish 2****Grades 10—11****1 Credit**

**Prerequisite: Spanish 1 or Spanish 1CP**

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 3CP or Spanish 3H after taking Spanish 2.

**Spanish 2 CP****1 Credit**

**Prerequisite: 95+ in Spanish 1, or 75+ in Spanish 1CP or Honors, and Novice Mid proficiency level on the KCHS Spanish placement test**

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

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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.

## **Spanish 2 H**

**1 Credit**

**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 8<sup>th</sup> grade teacher recommendation.**

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. Honors students are also required to take the National Spanish Exam which is administered in the spring.

## **Spanish for Heritage Speakers 2 H**

**1 Credit**

**Placement is based on the Spanish placement test and teacher recommendation.**

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 spelling and grammar. 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

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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. Rubrics for student outcomes are less rigorous in the 2 Honors class than in the 3 Honors class. Students will take the National Spanish Exam in the spring.

### **Spanish 3 CP**

**1 Credit**

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

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.

### **Spanish 3 H**

**1 Credit**

**Prerequisite for Current KCHS Students: Teacher recommendation and 90+ in Spanish 2H or 95+ in Spanish 2CP 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 8<sup>th</sup> grade teacher recommendation.**

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 are required to take the National Spanish Exam which is administered in the spring.

### **Spanish for Heritage Speakers 3 H**

**1 Credit**

**Prerequisite: Spanish for Heritage Speakers 2H or placement based on Spanish placement test and teacher recommendation (for rising freshmen)**

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This class is designed for the student who speaks Spanish in the home on a regular basis. The student will develop a deeper application and practice of his or her speaking, listening, reading, and writing skills in Spanish through the study of the history, culture, and literature of Spanish speaking countries with a focus on spelling and grammar. The class will read two to three novels/short stories together, and students will also be expected to read Spanish books 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. Rubrics for student outcomes are more rigorous in the 3 Honors class than in the 2 Honors class. Students will take the National Spanish Exam in the spring.

### **Spanish 4 CP**

**1 Credit**

**Prerequisite: Successful completion of Spanish 3CP, Spanish 3H, or Spanish for Heritage Speakers 3H and consistent performance at the Intermediate Low level in the interpretative and presentational modes of communication. Teacher recommendation required. Spanish 4CP is a terminal course.**

Spanish 4 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.

### **Spanish 4 H**

**1 Credit**

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

Spanish 4 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 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

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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.

## **Spanish AP**

**1 Credit**

**Prerequisite: Summer assignments and 90+ in Spanish 4H and consistent performance at the Intermediate-High level in the interpretive and presentational modes of communication. Teacher recommendation is required. Exceptional Juniors in Spanish/Spanish for Heritage Speakers 3H may apply with teacher recommendation. The student will be required to complete**

**AP summer coursework as well as additional work to cover Spanish 4H material. Juniors from Spanish/Spanish for Heritage Speakers 3H will be required to pass the KCHS Spanish 4H spring exam before being admitted into 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 1st 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 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.

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## 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 requirement must be obtained in a Performing Art (Band, Chorus, Dance, and Theater) or a Production Art (Journalism, Year Book, 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.

### **Introduction to 2D Art & Design CP                      Grades 9—12 .5 Credit**

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. 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.

### **Introduction to 3D Art & Design CP                      Grades 9—12 .5 Credit**

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.

### **Introduction to Drawing CP                      Grades 9—12                      .5 Credit**

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 vari-

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ety 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 advanced with emphasis on creativity, individual skill development, and effort.

## **2D Art & Design H**

**.5 Credit**

**Prerequisites:** Intro to 2D Art and Design CP, Art 1CP, Painting 1CP or 2CP, or Introduction to Drawing CP, or Drawing CP. Teacher signature required.

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.

## **Drawing H**

**.5 Credit**

**Prerequisites:** Art 1 CP, or Intro to Drawing CP, or Drawing 1CP and teacher signature required

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.

## **Ceramics 1H**

**.5 Credit**

**Prerequisite:** 3D Design and teacher signature required

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.

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## **Ceramics 2H**

**Grades 10—12**

**.5 Credit**

**Prerequisite:** Ceramics 1H and teacher signature required

Ceramics 2H 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 for prior to final production. Students may be required to supply clay and glaze depending on desired project qualities.

## **AP 2D Art & Design**

**Grades 10—12**

**1 Credit**

**Prerequisite:** Teacher signature, submission of a 5-piece portfolio, and successful completion of Art 1 CP and one other visual art class.

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, photography or digital art). 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.

## **AP 3D Art & Design**

**Grades 10—12**

**1 Credit**

**Prerequisite:** Teacher signature, submission of a 5-piece portfolio, and successful completion of Art 1 CP and 3D Design CP.

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 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.

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**AP Drawing****Grades 10—12****1 Credit**

**Prerequisite:** Teacher signature, submission of a 5-piece portfolio, and successful completion of Art 1 CP and Drawing CP.

The Drawing AP Studio Art course is for students interested in a rigorous and focused study in art based in drawing. Students will develop a 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 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.

**Digital Photography H****Grades 10—12****.5 Credit**

**Prerequisite:** Art 1 CP and teacher signature required

This course introduces students to the art, mechanics, history, and importance of photography as a force in visual communication. As the student learns to produce high quality prints, he explores 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. Cost for the appropriate camera begins around \$250.00.

**Band H****1 Credit**

**Prerequisite:** Teacher signature required

Band provides continuing music education for students who have basic proficiency on 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.

**Men's Chorus CP****Grades 9—12****.5 Credit**

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.

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### **Women's Chorus CP**

**Grades 9—12**

**.5 Credit**

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.

### **Concert Choir CP**

**Grades 9—12**

**.5 or 1 Credit**

**Prerequisite:** Previous choral experience. Mr. Holloway must approve all entries into the class, including Freshmen and Sophomores with no experience.

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.

### **KCHS Singers H**

**Grades 10—12**

**1 Credit**

**Prerequisite:** Audition Required.

This elite class is limited to 32 members. The ensemble sings a repertoire of advanced difficulty (5-6 of 6). Public performance is an integral part of the Singers curriculum.

### **Theater 1 CP**

**Grades 9—12**

**.5 Credit**

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 experiences

### **Scene Study (Acting) CP**

**Grades 9—12**

**.5 Credit**

**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.

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
  - Performance technique
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**Scene Study (Acting/Directing) H****Grades 10—12****.5 Credit****Prerequisite:** Scene Study CP. Teacher signature required.**This course is taught at the same time as Scene Study (Acting) CP.**

Students focus on individual material and technique, further developing and refining performance and audition material. This course is taught in the same class period as Scene Study (Acting) CP and may be repeated. Teacher approval required. Concepts include:

- Audition technique
- Performance technique
- Monologues and Songs
- Scene Study

**Stage Tech CP****Grades 9—12****.5 Credit**

Stage Tech is a hands-on course where students learn about and participate in theatrical design and scenery construction. Students will gain knowledge of the stage equipment and safety rules that are essential and mandatory. Basic construction techniques for stage scenery and tools used will be mastered. Sewing and painting skills will also be developed. Students will create and construct their own theatrical designs through project-based learning. This course is ideal for anyone interested in gaining construction and basic sewing skills.

**Voice Acting CP****Grades 9—12****.5 Credit**

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.

**Dance Fundamentals CP****Grades 9—12****.5 Credit**

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

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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.

### **Advanced Dance H                      Grades 9—12                      .5 Credit**

**Prerequisite:** Audition required.

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.

### **Dance Hip-Hop CP                      Grades 9—12                      .5 Credit**

This course (offered in Semester 2 only) will focus on the foundation and origins of hip hop dance, it's 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.

### **Intro to Yearbook CP                      Grade 9                      .5 Credit**

This course introduces students to aspects of yearbook production includ-

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ing 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.

## **Yearbook Production CP**

**Grades 9—12**  
**.5 Credit or 1 Credit**

**Prerequisite: Introduction to Yearbook or teacher signature required**

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.

## **Yearbook Editing H**

**Grades 10 - 12**

**1 Credit**

**Prerequisites: Introduction to Yearbook and Yearbook Production**

**Application and teacher signature required**

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.

## **Graphic Design 1CP**

**Grades 9—12**

**.5 Credit**

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

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design rules. Additionally, students will learn about marketing and the role it plays in graphic design.

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

**Graphic Design 2H**                      **Grades 10—12**                      **.5 Credit**  
**Prerequisite: Graphic Design 1CP**

Graphic Design 2H will be centered around the creative process and group project production to build upon design ideas developed in Graphic Design 1CP. The Principles of Design will also be a central focus along with compositional discussions to improve final products. Students will produce graphic designs that require the use of Photoshop, Illustrator, and InDesign programs, including using multiple programs to complete final works. Students will develop more advanced skills in these Adobe products to improve final products. The creative design process of brainstorming, thumbnail sketches, and rough sketches will be practiced while producing multiple iterations prior to completion of final works.

**Digital Media 1 -Intro to Digital Media CP**  
**Grades 9—12**                      **.5 Credit**

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 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.

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## Digital Media 2—Studio Productions H

**Grades 10—12**

**1 Credit**

**Prerequisites:** Digital Media 1 and teacher signature required

Students will replicate studio shows like WBIR, Food Network and Sports Center. Students will be responsible for finding newsworthy stories and video content (both locally and globally), formatting them for the show, and uploading them into the appropriate program. Students will also have the opportunity to work in a variety of jobs such as director, producer, camera operator, anchor, audio tech, and more. Students will be required to produce news packages outside of class. Independent responsibility and the ability to function autonomously is crucial in this class. 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.

***PLEASE NOTE: This class will require students to capture, produce, and edit news packages, as well as prepare news scripts outside of class. Work outside of class 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.

## Digital Media 3—Live Events H

**Grades 11—12**

**.5 or 1 Credit**

**Prerequisites:** Digital Media 1, 2, & teacher signature required

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). This course may be repeated.

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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:** *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.

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

**Grades 11, 12**

**.5 or 1 Credit**

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

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.

**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.

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## Physical Education Courses

The Health and Physical Education Department strives to promote each student's physical and emotional wellness. Students are required to complete an additional .5 credit in Physical Education, bringing the total needed credits to 1.5. This additional .5 credit may be met by taking an additional PE course or Weight Training course, taking Dance, playing a school sponsored sport (e.g. football, softball), or participating in a school sanctioned activity (e.g. lacrosse, rugby). Students can choose Dance as a Performing Arts credit or as the .5 additional Physical Education credit; however this course cannot count for both credits.

Students may also receive credit for the additional .5 credit by participating in 65 hours of physical activity outside of the school system during one academic year (i.e. rowing, martial arts). ALL students earning this credit outside of a PE or weight training course are required to submit an Athletic Participation Verification Form (obtainable from a School Counselor). The form must be submitted to the School Counselor by the first day of 2<sup>nd</sup> semester exams. Transcripts will be updated with a grade of 'Pass' to reflect the .5 credit.

Regardless of extra or co-curricular sports involvement, all students are required to take Lifetime Wellness (.5 credit PE, .5 credit Health).

### **Lifetime Wellness Health - Girls CP**

**.5 Credit**

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.

### **Lifetime Wellness Health - Boys CP**

**.5 Credit**

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.

### **Lifetime Wellness PE - Girls CP**

**.5 Credit**

The goal of Lifetime Wellness PE is to provide the female student with infor-

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mation 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.

### **Lifetime Wellness PE - Boys CP .5 Credit**

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.

### **Lifetime Wellness Weight Training - Girls CP .5 Credit**

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 may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

### **Lifetime Wellness Weight Training - Boys CP .5 Credit**

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 may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

### **Lifetime Wellness Weight Training CP—Baseball .5 Credit**

This course is designed for any KCHS baseball player. It will be offered in the spring. This course may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

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**Lifetime Wellness Weight Training CP—Football .5 Credit**

This course is designed for any KCHS football player. It will be offered during A Block in the spring. This course may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

**Lifetime Wellness PE Basketball Fundamentals CP****Grades 9—12 .5 Credit****Prerequisite: Teacher signature required**

Offered in the fall, this co-ed course is for students who want to increase their basketball IQ and enhance their fundamental skill level in basketball. Students will be required to physically participate and master specific basketball movements. Students will also obtain the knowledge needed to breakdown game film and information to build and enhance their overall basketball IQ. This course may be repeated. This course can fulfill the additional .5 credit in Physical Education. (See introductory PE information).

**Lifetime Wellness PE Speed and Agility Training CP****Grades 9—12 .5 Credit**

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 lecture to understand the physiology, physical requirements, and application. Students 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).

**Lifetime Wellness Dance Fundamentals CP****Grades 9—12  
.5 Credit**

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

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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.

## **Lifetime Wellness Advanced Dance H**

**Grades 9—12**

**.5 Credit**

**Prerequisite: Audition required.**

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.

## **Lifetime Wellness Dance Hip-Hop CP**

**Grades 9—12**

**.5 Credit**

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.

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## **Physical Education Electives**

### **Intro to Sports Management CP**

**Grades 10—12****.5 Credit**

This course is designed to provide students with an introduction to sports management as well as potential employment opportunities within the field. Information is presented through lectures, readings, and projects. Information will also be presented by guest speakers from the field of sports management to tie the didactic information to practical application. Topics will cover planning, management, marketing, business organization, and feasibility of events.

This class does not count for a PE Credit.

### **Sports Nutrition CP**

**Grades 9—12****.5 Credit**

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 a PE Credit.

### **Applied Sports Nutrition CP**

**Grades 11, 12****.5 Credit**

#### **Prerequisite: 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 nutri-

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tion topics.

This class does not count for a PE Credit.

## **Business, Technology, and Engineering**

### **Personal Finance CP**

**.5 Credit**

**Recommended to be taken in Junior or Senior year**

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.

### **Business Leadership CP**

**Grades 10—12**

**.5 Credit**

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*.

### **Java 1 CP**

**Grades 9—12**

**.5 Credit**

The focus of this introductory course is to develop the basic skills required for computer programming. Other programming courses can build 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.

### **Java 2 H**

**Grades 10—12**

**1 Credit**

**Prerequisite: 90+ in Java 1 CP and Teacher signature required**

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 clas-

ses 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.

## **Engineering and Technology CP**

**Grades 9—12**

**.5 Credit**

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.

## **Other Offerings**

### **Psychology CP**

**Grades 10—12**

**.5 Credit**

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.

### **Public Speaking CP**

**Grades 9—12**

**.5 Credit**

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
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- Interview Skills
- Talking Points & Elevator Pitches
- Panel & Forum Speaking

### **Driver's Education CP**

**.5 Credit**

**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.

Depending on staff availability, this course may also be offered as a non-credit course during the summer. Space for the summer session is limited and allotted on a first-come, first-served basis. Please contact the instructor directly for information regarding the summer schedule.

### **Directed Study Hall CP**

**Grades 9—12**

**.5 Credit**

**Prerequisite:** Learning Center Approval

**Pass/Fail**

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, including English and Math, 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.**

### **Bridge Study Hall Program**

**Grades 9—10**

**.5 Credit**

**Pass/Fail**

The Bridge Program 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 Program 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.

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<b>Study Hall—Freshmen</b>	<b>Grade 9</b>	<b>No Credit</b>
<b>One Semester Mandatory</b>		

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.

<b>Study Hall—Fall/Spring</b>	<b>Grades 10—12</b>	<b>No Credit</b>
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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.**

<b>Teaching /Office Assistant</b>	<b>Grade 12</b>	<b>No Credit</b>
<b>Pass/Fail Grading</b>		

**Prerequisite: Teacher and School Counselor approval required**

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 limited number of TA Tutoring opportunities are available during A Block. See a counselor if interested.

**A student may be assigned to only two of the following three courses within a semester: Dual Enrollment Study Hall, regular Study Hall, TA.**

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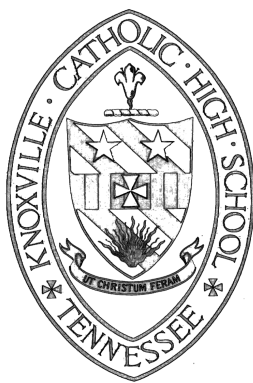
## NOTES



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