

# KNOXVILLE CATHOLIC HIGH SCHOOL



**2021-22**  
**COURSE DESCRIPTIONS**

*“God has created me  
to do Him some definite service;  
He has committed some work to me  
which he has not committed to another.  
I have my mission — I may never know it in this life,  
but I shall be told it in the next.  
I have a part in a great work;  
I am a link in a chain,  
a bond of connection  
between persons.”*

*- Saint John Henry Newman*

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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
93-100	A	5.0	4.5	4.0	4.0
85-92	B	4.0	3.5	3.0	3.0
75-84	C	3.0	2.5	2.0	2.0
70-74	D	2.0	1.5	1.0	1.0
0-69	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 \$94 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):** DE offers students an excellent opportunity to experience a collegiate class and environment before beginning the college application process. These classes allow students to earn college credit toward a degree or certificate program at many Tennessee public institu-

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tions of higher education. All post-secondary receiving institutions (public/private and in/out-of-state) make the decision whether to grant credit and how to apply it to a student's program of study.

All students interested in taking any DE courses should schedule a meeting with their counselor before beginning the process. Once the proposed course(s) have been approved, it is the student's responsibility to complete registration, apply for grant money through TSAC (Tennessee Student Assistance Corporation), successfully complete the course, and transfer transcripts and potential credits to post-secondary institutions.

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

Additional information can be found in the Dual Enrollment Handbook on RenWeb Resource Documents .

The information below explains KCHS classifications of DE courses. These can be explained in more detail when the student and counselor hold their initial meeting to approve a DE course.

### **DE Classifications**

***Dual Enrollment with Dual Credit (DEDC) off-campus:*** Juniors and Seniors may take approved courses in person or online at a participating two or four-year college, during the KCHS school year. ***These courses will appear on the KCHS transcript as long as the total number of courses for a given semester does not exceed eight and does not include more than one online course per semester.*** DEDC off-campus students simultaneously earn college and high school credit, which counts toward their high school GPA and graduation requirements. DEDC courses receive an additional quality point when calculating weighted GPA. **The only DE course that can replace a class offered by KCHS is English 1010/1020 at PSTCC. It can replace English IV. English 1010/1020 cannot be taken online. Students must pass both English 1010 and 1020 to meet KCHS graduation requirements.**

***Dual Enrollment with Dual Credit (DEDC) on-campus:*** DEDC on-campus students simultaneously earn college and high school credit, which counts toward their high school GPA and graduation requirements. ***These courses will appear on the KCHS transcript.*** DEDC courses receive an additional quality point when calculating weighted GPA. KCHS has previously offered

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INFS 1010 and COLL 1500. INFS is eligible for credit in the College of Business degree programs at the University of Tennessee, Knoxville. It is the responsibility of the student to explore the possibility of transferable credit for any DEDC course at other institutions. KCHS is continually exploring other DEDC on-campus course opportunities.

**Dual Enrollment for Enrichment (NO KCHS CREDIT EARNED):** Juniors and Seniors may also take additional online or in-person DE courses either during or outside of the academic year through higher education institutions. ***These courses will not appear on the KCHS transcript and do not count as credit toward graduation at KCHS. They may not be used to replace or substitute for a KCHS course and cannot be taken as a stepping-stone to a course offered at KCHS.*** The credits earned from these courses may be eligible at future post-secondary institutions and applied to degree or certificate programs at the sole discretion of the future participating institution. Students are independently responsible for selecting, applying, and paying for these courses (TN DE Grant may apply for Juniors and Seniors). Students are also responsible for sending transcripts to future post-secondary institutions.

#### Paying for DE Courses

***The Tennessee Dual Enrollment Grant:*** The DE grant program is a grant that is funded by the Tennessee Student Assistance Corporation, through the state lottery, and awarded to Junior and Senior students who are attending high school and are also enrolled in college courses at a cooperating institution. Each student can be awarded up to \$500 each for the first two courses they take and up to \$200 for the third course. For clarification on grant awards for courses beyond the third, please visit: <https://www.tn.gov/collegepays/money-for-college/tn-education-lottery-programs/dual-enrollment-grant.html>

The online application for this grant must be completed and processed by the deadline date *each semester* in order for a student to participate and receive funding from this grant. The application processing deadline dates for the college award year are: September 15 for fall enrollment and February 1 for spring. The processing deadline dates for the Tennessee College of Applied Technology are: November 1 for fall enrollment and March 1 for spring. For additional information about the TN Dual Enrollment Grant, please visit: <https://www.tn.gov/collegepays/money-for-college/tn-education-lottery-programs/dual-enrollment-grant.html>

The cost of applications, books, and materials for the DE classes are not covered by the DE Grant and are not provided by the KCHS book rental

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agreement. Pellissippi State Community College has a free application, but fees may apply for other eligible institutions. Books can range from \$80 to \$150 per course.

Students must maintain a B (3.0) average in their DE courses to remain eligible for the DE grant. If a dual enrollment GPA falls below a 3.0, students will pay full tuition for any future classes. If a student's dual enrollment GPA falls below a 2.0, the KCHS Guidance Department reserves the right to disallow students from enrolling in future DEDC courses.

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. When applying for college at the beginning of senior year, post-secondary institutions will likely request this transcript as part of the overall application process. As with high school academic work, it is imperative that students give their best effort. In the case of English 1010 and 1020, students **must take and pass both semesters to be eligible for graduation from KCHS**. A failing grade in English 1020 (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. **We cannot predict what classes may be offered and how instruction will be delivered at PSTCC in the Fall 2021.** Depending on PSTCC's Fall 2021 offerings, students may have the option to take English 1010/1020 classes either in-person at PSTCC on set days/times (i.e., synchronous) or online without set days/times (i.e., asynchronous). Once PSTCC decides, we will share this information with interested students and families.

Students and parents need to be aware that the college school calendar will most likely not match the KCHS school calendar. Spring break and the observance of other holidays will likely not correspond with those of KCHS.

4. Students who sign up for DE during course selection should take the ACT/SAT no later than March prior to taking the course. They must also attend all registration meetings held on the KCHS campus to remain eligible for the course.
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5. Please be advised that International Students may have different application requirements and/or tuition fees.

#### 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 Spanish 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.

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## 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 collected from KCHS students who have chosen to override a teacher recommendation shows that overriding a course is not advantageous to the GPA of the majority of students.

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

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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

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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.

## 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.

## **Christian Service Requirements**

As Christians we are personally called by Jesus Christ to be of service to each other (John 13:13-15). As part of our response to that call, each student is required to perform service hours. Freshmen and Sophomores are required to complete ten (10) service hours per year. Juniors and Seniors must complete fifteen (15) service hours, five (5) of which must be direct

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hours. Hours are logged on the student's Mobileserve account and are approved by the Service Coordinator. Completion of these hours is a requirement for continuation of enrollment at KCHS and for graduation.

## **Introduction to Catholicism**

### **Grades 9 & New 10th 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

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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.

### **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."

## **Elective Religion Course**

### **Evolution of Entertainment and Morality      Grades 10—12      .5 Credit**

In this class students will study the evolution of music, film, and video games beginning in the 20<sup>th</sup> Century. Students will listen, watch, and play a variety of forms of entertainment and discuss how the morality of media has evolved over the course of the twentieth and twenty-first centuries. The major questions students will be addressing through discussion are: Is it the culture that shapes entertainment, or media which influences culture? How much influence does the morality of media have over the morality of culture or vice versa?

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## 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.

### **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.

### **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

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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 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

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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.

**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

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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 2H, and 93+ in English 2CP. Scores in the 90<sup>th</sup> percentile on the PSAT verbal/reading sections are recommended in order to be considered for admission to AP English Language and Composition.

**Application and completion of a summer portfolio are required.**

English 3 AP (English Language and Composition) is a college-level class designed for students who demonstrate exceptional abilities in critical reading comprehension/analysis and writing. In accordance with the College Board's AP English Course Description, this course will teach "students to read primary and secondary sources carefully, to synthesize material from these texts in their own compositions, and to cite sources using conventions recommended by professional organizations such as the Modern Language Association (MLA)." Students focus primarily on non-fiction essays from the sixteenth to the twenty-first centuries in order to learn the skills of critical reading, critical analysis, and analytical writing. Students prepare for the AP English exam by studying rhetorical devices, writing conventions, modes of discourse, and writing styles. This course requires a significant amount of writing both in class 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 on these texts. Although American Literature is the foundation of the course, readings will also include both contemporary and canonical British authors as well as a number of works in translation. Students will be monitored by reading check quizzes and tests, and in some cases a project or essay, to insure that they are completing the required reading.

All AP students are required to take the 1st semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

### **English 4**

### **Grade 12**

### **1 Credit**

English 4 is designed for students who benefit from individual focus and an

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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.

**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 liter-

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ary 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 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 up to 6 hours college credit**

**Prerequisite:** Score of 19 or higher on Reading and score of 18 or higher on English ACT subtests, or minimal score of 500 on SAT Evidence-based Critical Reading and Writing subtests.

**Minimum cumulative GPA of 3.0**

**ACT or SAT needs to be taken no later than March prior to taking the course in order to enroll in this course.**

KCHS requires that students show proof of admission to PSTCC and course registration before the end of the current academic year. Dual Enrollment courses receive an additional quality point when calculating weighted GPA.

The English Dual Enrollment (DE) class is designed to give students credit for both English 4 at KCHS and English 1010 and 1020 at Pellissippi State Community College (PSTCC). It is up to each student to research the policies for all potential receiving institutions to ensure that credit for English 1010 or English 1020 is transferable. Seniors in Dual Enrollment must pass both English 1010 and English 1020 in consecutive semesters in order to graduate.

## **Elective English Courses**

**Black Cinema CP**

**Grades 11—12**

**.5 Credit**

**Materials provided**

Black Cinema is a semester course that celebrates the history, develop-

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ment, and influence of Black cinema in America through film. The course includes an exploration of the history and development of Black cinema, the influence of Black cinema in American culture, and essential directors, writers, and actors. We watch 10-12 films from the early 1900s to the present and discuss each film in class. Students complete two projects per quarter. Watching and discussion are 75% of the grade, and projects are 25% of the grade.

**Creative Writing CP                      Grades 10—12                      .5 Credit**

This course provides an opportunity for students to write creatively in the genres of nonfiction, fiction, poetry, and drama. Writing is a daily component of the class and students share their work with their peers in a one-on-one setting and with the class in a workshop setting. Students are required to submit a minimum of two pieces to *The Irish Review* and are encouraged to submit to additional writing competitions and programs. Each student will submit a semester portfolio as the final exam.

**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 its accompanying documentary. Discussion includes the elements of literature with a focus on archetypes as well as the structure and production process of each film. Students are given the opportunity to provide personal written responses to the films, to share responses to specific discussion questions in small groups, and to participate in the larger class discussion. Grades are weighted: watching and discussion of films is 60% of each quarter grade and projects are 40% 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 its accompanying documentary. Discussion includes the elements of literature with a focus on archetypes as well as the structure and production process of each film. Students are given the opportunity to provide personal written responses to the films, to share responses to specific discussion questions in small groups, and to participate in the larger class discussion. Grades are weighted: watching and discussion of films is 70% of each quarter grade and projects are 30% of each quarter grade. Seniors

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### .5 Credit

Students choose and read popular, best-selling, and influential books written in the last one hundred years. Students self-select from a list of books, including works by Jason Reynolds, J.K. Rowling, Stephen King, Junot Diaz, Neil Gaiman, Lin-Manuel Miranda, Zora Neale Hurston, Alice Walker, Richard Wright, and more. Because of the challenging nature of modern fiction, this course is limited to juniors and seniors who are eager to challenge themselves as readers and contribute to daily discussions about the literature. Students enrolling in the course should expect to complete a substantial reading assignment in class each day, to participate in the class discussions on a daily basis, and to keep a reader's journal.

### **.5 Credit**

This course introduces films from around the world including animation, anime, comedy, drama, phantasy, biography, and history. Films range from classic to contemporary with some in English and others in the film's original language with English subtitles. *Spirited Away*, *The Breadwinner*, *The Boy Who Harnessed the Wind*, *Life Is Beautiful*, and *Crouching Tiger, Hidden Dragon* are among the 10-12 films we watch and discuss. Watching and discussion of the films is 80% of the grade; some written/project assignments are 25% of the grade.

### **.5 Credit**

World Mythology is a semester course that presents myths and stories 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 myth and story. The course focuses on reading and discussion (75% of the grade) with some written/project assignments (25% of the grade).



## 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 higher conceptual level. Students are required to have the TI-84 CE graphing calculator.

### **Algebra 1 H**

### **Grade 9**

### **1 Credit**

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

This course is designed for above average students who have demonstrat-

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ed 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.

**Algebra 2** **Grade 10** **1 Credit**

**Prerequisite:** Algebra 1 or Algebra 1CP for sophomores

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.

**Algebra 2 CP** **Grade 10** **1 Credit**

**Prerequisites:** Algebra 1CP or a 95+ class average in Algebra 1 with teacher recommendation

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.

**Algebra 2 H** **Grades 9, 10** **1 Credit**

**Prerequisite for sophomores:** Teacher recommendation and a 95+ class average in Algebra 1CP, or an 88+ test average in Algebra 1H, or a score of 88% or higher on the KCHS Algebra 1 Proficiency Exam

**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.

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**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+ 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 had a 90+ test average in Algebra 1H and a score of 90% or higher on the KCHS Algebra 1 Proficiency Exam (or a combined score of at least 180 on the two)**

**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)**

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

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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**

**Prerequisite:** Must have completed or be enrolled in Pre-Calculus (either level) and have teacher recommendation.

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 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 Calculus class. Topics for this course include a review of major Pre-Calculus topics, limits, derivatives of functions with an emphasis on applications, and integrals. This course prepares students for a college Calculus course. Students are required to have the TI-84 CE graphing calculator.

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## **Calculus AB AP**

**Grades 11, 12**

**1 Credit**

**Prerequisite:** 85+ in Pre-Calculus H. Teacher approval required.

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 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 BC AP**

**Grade 12**

**1 Credit**

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

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 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

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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.**

**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

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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**

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**

**Prerequisite: Physical Science CP, or 97+ in Biology 1, or 75+ in Biology 1CP and 80+ 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.

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**Chemistry 1 H****Grade 10****1 Credit****Prerequisite:** 85+ in Biology 1H, 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 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.

**Environmental Science CP****Grades 11, 12****1 Credit****Prerequisite:** Biology 1 (any level)

The relationship between organisms and their environment, including hu-

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

**Co-requisite:** 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 modern 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, or 80+ in Physics H.

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**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 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 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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## **AP Physics C: Electricity and Magnetism**

**Grades 11—12**  
**1 Credit**

**Prerequisite:** AP Physics C: Mechanics

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

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

All AP students are required to take the 1st semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

## **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:** 93+ 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.

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## 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.

**Independent Science Research H****Grades 11, 12****.5 Credit or 1 Credit****Pass/Fail****Will not calculate into GPA but will be listed on transcript****Application required****KCHS approval must be granted prior to the experience.**

In this course, a research project, under the guidance of a research professional, will be completed. Students write a research proposal, document at least 140 hours of class and individual work (70 hours for 1/2 credit), keep an experimental notebook, write a research-style paper, prepare posters describing their project. A KCHS counselor coordinates this course. This course must be initiated by the student. This course cannot be repeated.

## 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 civi-

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lization. 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.**

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 and are also required to take the AP exam. Students who do not take the regularly

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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 20 pages of reading outside of class per week and to write analytical essays both inside and outside of class. The curriculum will prepare 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 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.

### **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

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**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 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.

**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.

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**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 effort on a daily basis, both in class and in reading and listening to the news outside of class. Critical reading of primary and secondary texts, analytical writing, and collaborative projects are important components of this course. This course prepares students to take the AP U.S. Government and Politics exam.

All AP students are required to take the 1st semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

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## **Economics CP**

**Grades 11, 12**

**.5 Credit**

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.

# **Social Studies Electives**

## **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.

## **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.

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All AP students are required to take the 1st semester exam and are also required to take the AP exam. Students who do not take the regularly scheduled AP Exam are expected to be present for a make-up exam session (scheduled by College Board). A student must take the current year's AP exam or receive a zero in the place of the second semester exam grade. No second semester exams are given in an AP class.

## 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

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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 focus on activities to improve students' reading comprehension in French. The class will read two novels together, and students will also be expected to read French books of their choice from the classroom library. The vocabulary which is presented and used is chosen based on frequency of use in the French language. 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.**

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

### **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 Franco-

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phone 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 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

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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, 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 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.

Junior Classical League and have the opportunity to participate in local and state Latin celebrations and competitions.

## **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; as outlined in the NCSSFL-ACTFL Can-do statements.**

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**

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**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; as outlined in the NCSSFL-ACTFL Can-do statements.**

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.

## **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; as outlined in the NCSSFL-ACTFL Can-do statements.**

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'

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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: 75+ in Spanish 1CP or Honors and Novice Mid proficiency level in the interpretive and presentational modes of communication; as outlined in the NCSSFL-ACTFL Can-do statements.**

Spanish 2 CP will be taught using methods based on providing a maximum amount of comprehensible Spanish to students, leading to more natural language acquisition. Emphasis is placed on reading and listening to short stories in class, as well as other conversational activities. Reading comprehension is important for success, and the teacher will focus on activities to improve students' reading comprehension in Spanish. The class will read two 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 in the interpretive and presentational modes of communication; as outlined in the NCSSFL-ACTFL Can-do statements.**

**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

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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 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 in the interpretative and presentational modes of communication; as outlined in the NCSSFL-ACTFL Can-do statements.**

**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. Performance at the Intermediate-Low level in the interpretive and presentational modes of communi-**

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cation; as outlined in the NCSSFL-ACTFL Can-do statements.

**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). \*Heritage speakers who have already taken Spanish 2H, 3H, 4H, and/or AP prior to 2018/19 may also take this course as an elective.

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 com-

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**munication; as outlined in the NCSSFL-ACTFL Can-do statements. 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; as outlined in the NCSSFL-ACTFL Can-do statements.**

**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 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; as outlined in the NCSSFL-ACTFL Can-do statements. 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 suc-

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ceed 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 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.

### **Hispanic Cultural Studies H**

**1 Credit**

**Prerequisite: 90+ in Spanish 4H or 5AP and consistent performance at the Intermediate High level in the interpretive and presentational modes of communication, as outlined in the NCSSFL ACTFL Can-do statements. Teacher recommendation required.**

Second language acquisition principles continue to be the driving force behind the instruction at this level, and students are expected to work outside of class on varied weekly assignments. With a focus on different aspects of the diverse cultures of the Spanish-speaking world, students will be required to read and view current events and historical literature from authentic sources. The course will consist of weekly vocabulary units, readings for comprehension from traditional and current events, essays, a series of varied listening activities, and presentations with an emphasis on understanding and communication in the language. The class is taught entirely in Spanish. Extensive out-of-classroom preparation is required. Students are required to take the National Spanish Exam which is administered in the spring.

## **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 gradu-

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ation, 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.

**Art 1 CP** **Grades 9—12** **.5 Credit**  
**Strongly recommended for grades 9 & 10. Art 1 CP serves as a prerequisite for all other visual art classes.**

Art 1 CP is a broad introduction to the visual arts with a concentration on the elements of art. Class will have an emphasis on art making, composition, visual culture, creative thinking, and critical thinking. Students will develop an awareness and appreciation of visual culture and how the arts influence the viewer through critiques and discussion about artistic choices. Students will enhance production and meaning by expanding their vocabulary, knowledge about artists and art history, aesthetic decision making, and constructive art criticism. This basic survey course is recommended for every student as well as those thinking about a career in art.

**AP 2D Art & Design** **Grades 10—12** **1 Credit**  
**Prerequisite: Teacher approval, 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 approval, 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

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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 Drawing**

**Grades 10-12**

**1 Credit**

**Prerequisite:** Teacher approval, 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.

## **3D Design CP**

**.5 Credit**

**Prerequisite:** Art 1 CP

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

## **Painting 1 CP**

**.5 Credit**

**Prerequisite:** Art 1 CP

In Painting 1 CP the basic color theory painting techniques with design, composition, and idea development are covered. Personal aesthetic response to subject matter and the development of basic artistic skills are emphasized. A brief survey of painting history accompanies projects as a basis for art criticism.

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## **Painting 2 CP**

**.5 Credit**

**Prerequisite:** Art 1 CP, Painting 1CP and instructor approval required

Painting 2 CP is a continuation of Painting I with emphasis on individual development of a portfolio to include quality paintings in a series. Students must be able to work independently with frequent consultation with the instructor. Individual and whole-class critiques are included.

## **Drawing CP**

**.5 Credit**

**Prerequisite:** Art 1 CP

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

## **Ceramics H**

**.5 Credit**

**Prerequisite:** Art 1 CP, or Drawing 1, and 3-D Art. Teacher approval required.

Ceramics H will focus on hand building ceramics, mixed media with ceramics, and ceramics production on the wheel for more advanced students. Students will learn more complex techniques of building and glazing. Students will be required to make five advanced and thoroughly thought-out projects. Student driven projects will focus on creativity and on advancing techniques. Student work will also include reading and research to improve understanding of ceramics production, contemporary sculpture/ceramics, and how the Principles of Design and Elements of Art pertain to the three-dimensional art.

Students who are more interested in sculpture and 3-D art will begin class learning new ceramics skills but will then be allowed to work in other materials of personal choice. These students will have the same requirements for creativity, research, and reading as the ceramic students, but this information will be applied to the students' chosen materials and techniques. This course may be repeated.

## **Portfolio H**

**.5 Credit**

**Prerequisites:** Art 1 CP and Drawing 1 CP. Instructor approval 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.

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**Prerequisite:** Art 1 CP and instructor approval 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.

**Prerequisite:** Instructor approval

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.

This semester-long entry level course is offered in the fall only. It covers

This semester-long entry level course is offered in the fall only. It covers

**Prerequisite:** Previous choral experience. Mr. Holloway must approve

This spring semester 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.

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

- Musical Theater Ensemble CP      Grades 9—12      .5 Credit**

Musical Theater Ensemble is a hybrid choral and theater course emphasizing ensemble work that is a hallmark of musical theater. This course culminates in a final showcase and can be repeated. Concepts include:

- Scene Study (Acting) CP**      **Grades 9—12**      **.5 Credit**

Scene Study is a beginning/intermediate acting class that expands the ac-

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tor'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

## **Scene Study (Acting/Directing) H**

**Grades 10—12****.5 Credit**

**Prerequisite:** Scene Study CP. Instructor approval 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. Purchase of Apollo Household Tool Set (\$23) and WeeCosy Sewing Kit (\$12) required.

## **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

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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 additional 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 additional 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, 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 additional Physical Education credit. This course cannot count for both credits.

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

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

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

**Yearbook Production CP****Grades 9—12****.5 Credit or 1 Credit**

**Prerequisite:** Introduction to Yearbook or Instructor approval.

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**

**Prerequisite:** Introduction to Yearbook and Yearbook Production

**Application and instructor approval 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. Each student is required to have at least a 32 GB SD card. This course may be repeated.

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

**Graphic Design CP****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

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will be assessed on many projects that include creating original layout for a logo, business card, and brochures as well as designing and crafting effective promotional pieces, publications, and digital art that look professional and follow 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.

### **Digital Media 1 CP                      Grades 9—12                      .5 Credit**

In Digital Media I, students will play an integral role in the day-to-day operations of the Irish Media Network, the KCHS student run media services team. Each student will learn all aspects of doing a live broadcast to include Pre-production, Production and Post-Production responsibilities. Broadcasts events may include sporting events, academic ceremonies, concerts, and fine art performances, just to name a few. Students will learn necessary organizational skills and master areas of responsibility by doing real world jobs such as, Producer, Director, Camera Operator, Audio Engineer, On-Air Talent, Graphics Operator, Replay Operator, and many more. Students will also spend studio time learning how to conduct a newscast which will include reading from a teleprompter, basic camera operations, and professional news studio jobs. All students are required to attend various sporting and academic events to earn production hours credit. Total number of production hours credit required will be determined at the beginning of each semester and will fall in the range of 15-30 hours outside of the classroom and will be determined based on total student enrollment. Finally, students will learn the fundamentals of cinema, such as, camera composition, 3-point lighting techniques, dual system recording, foley audio design, color correction, and much more. This course attracts students who enjoy being in front of, or behind the camera.

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

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*an external hard drive. Starting prices are around \$50. Specifications will be given in class.*

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

## **Digital Media—Live Events H**

### **Grades 11—12 (Gr. 10 with instructor approval)**

**.5 or 1 Credit**

#### **Prerequisites: Digital Media 1CP or instructor approval**

In Digital Media – Live Events students will play an integral role in the day-to-day operations of the Irish Media Network. Each student will assist in leading a broadcast team or a lead position of the Irish Streaming Network. Broadcasts may include athletic, academic, promotional, concerts, and fine arts events. Students will learn organizational skills necessary and the responsibility it takes to be a producer and director. Additional areas of focus will be planning, scheduling, and post production assessments with the possibility of occasional newscast. Leadership skill development will be a primary focus for students who display initiative and a desire to learn. State of the art learning experiences are available with the help of Canon professional camcorder cameras and a TeraDek Bolt 500 wireless camera system. Students will also spend time cutting highlights from prior broadcasts and coordinating social media posts for the IMN through Twitter and Instagram. All students are required to attend various sporting and academic events on a rotating schedule to earn production hours credit. Total number of production hours required will be determined at the beginning of each semester and will fall within the range of 30 - 50 hours outside of the classroom. This course may be repeated.

Digital Media may require some computer-intensive work. For this reason, it is recommended that students check with the Adobe Premiere Pro specifications and consider a laptop that meets those recommended specifications (those can be found at <https://helpx.adobe.com/premiere-pro/system-requirements.html>). In the event that a student cannot meet these specifications, desktop computers are available on a first-come first-serve 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 class will require an external hard drive. Starting prices are around \$50. Specifications will be given in class.*

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

## **Digital Media—Newscast H**

### **Grades 11—12 (Gr. 10 with instructor approval)**

**.5 or 1 Credit**

**Prerequisites:** Digital Media 1CP or instructor approval. **Application required.**

Students experience the difficulties and triumphs of putting on a daily newscast. This class will use Rundown Creator, an online script writing software that organizes and produces rundowns, production scripts, and teleprompter scripts. Students will be responsible for finding newsworthy stories (both local and around the world), formatting them for news production, and getting them in Rundown Creator the night before. Students will operate in a variety of jobs, such as, Director, Producer, Camera Operator, Anchor, Audio Technician, and many more. Leadership skill development will be a primary focus for students who display initiative and a desire to learn. Independent responsibility and the ability to function autonomously are crucial in this class.

Digital Media may require some computer-intensive work. For this reason, it is recommended that students check with the Adobe Premiere Pro specifications and consider a laptop that meets those recommended specifications (those can be found at <https://helpx.adobe.com/premiere-pro/system-requirements.html>). In the event that a student cannot meet these specifications, desktop computers are available on a first-come first-serve 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 will require an external hard drive. Starting prices are around \$50. Specifications will be given in class.***

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.

### **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).

### **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).

### **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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**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).

**Intro to Sports Management CP****Grades 10—12****.5 Credit**

The 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 guest speakers from the field of sports management to tie the didactic information to practical application. Topics will cover planning, management, organization, and feasibility of events. Students will be required to log 2.5 hours outside of the classroom, per quarter, in a KCHS sporting environment.

**Sports Nutrition CP****Grades 9—12****.5 Credit**

The course 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 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 improved performance. The course also looks into popular culture as it pertains to fad diets, eating disorders, performance enhancing drugs, and other popular nutrition topics.

**Advanced Sports Nutrition CP****Grades 11, 12****.5 Credit****Prerequisite: Sports Nutrition CP**

The course is a “level up” approach to sports nutrition. This course will dive deeper into how to properly fuel for training and competition beyond the basics of carbohydrates, protein, fat, and hydration. Students will spend time creating their own fueling plans and working together to study real athletes who are looking for the performance edge with nutrition. In addition, students will create nutrition education materials for various sports for KCHS and other local kids’ programs. Real nutrition research will be discussed and evaluated and compared to fad diets and other popular nutrition topics that are advertised through the media. This course is challenging and attention to detail is required.

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## **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.

### **Introduction to Business CP**

**Grades 11, 12**

**.5 Credit**

This course provides a foundation for students interested in studying business in college, while also understanding the rigors associated with starting your own business. Students will be introduced to core business principles, including, but not limited to, advertising/marketing, effective leadership/management practices, and business plan development.

### **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*.

### **Microsoft Suite CP**

**Grades 9—12**

**.5 Credit**

This course introduces students to computer applications in the Microsoft Office suite focusing on Microsoft Word and Microsoft Excel. This course provides instruction on how to use these applications and includes basic file and information management, creating documents, and working with data in spreadsheets. Students will learn how to create documents, work with pictures and graphics, create tables, and use mail merge and other advanced Word formatting options. Excel concepts covered in this course include creating worksheets, using formulas to evaluate data, creating charts, using multiple spreadsheets and various advanced Excel functions. This course will provide a strong foundation for students to be more capable and productive with these computer programs that will be used throughout high school, college, and in the workplace.

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**Social Media Development CP                      Grades 9—12                      .5 Credit**

Students will study how organizations create social media campaigns that brand accounts and target audiences for marketable results. Students will work in teams to build trial social media strategies for real or imagined organizations. They will create an APP that is the generic version of an Instagram, or Twitter that they will use for the purpose of generating likes and shares and branding the APP.

**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.

**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.

## Other Offerings

**Healthcare Ethics CP    Grades 11, 12                      .5 Credit**

This course is an introduction to the basic theory, principles, terminology, and various approaches to clinical ethical decision-making. Using Catholic moral traditions, students will identify and examine core values and principles related to contemporary healthcare. While exploring and analyzing select current ethical issues, students will improve and exercise problem-solving strategies, research skills, analytical techniques, listening effectiveness, and communication skills through class participation, in-class presen-

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tations, case studies, and writing assignments. Although this course explores issues primarily through the lens of Catholic moral thought, students will become familiar with other, sometimes opposing, viewpoints and approaches to healthcare ethics.

### **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 and be introduced to on-camera experiences. Civility and ethical speech-making are the foundations of the course. Students will be prepared for success and gain confidence in typical and atypical speaking situations. Basic principles of organization and research essential for effective public speaking are taught during this course. Topics covered are:

- Introductory, Informative, and Persuasive Speeches
- Interview Skills
- Talking Points & Elevator Pitches
- On-camera Skills
- 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.

This course is also 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.

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**Independent Study H                      Grades 11—12                      .5 Credit****Pass/Fail****Will not calculate into GPA but will be listed on transcript****Application required****KCHS approval must be granted prior to the experience.**

This course is designed for students who wish to deepen studies in a specific subject matter. The student must first initiate a conversation with the potential mentoring teacher and his counselor. The mentoring teacher submits a syllabus to the Academic Dean for approval. A KCHS counselor coordinates this course. This course cannot be repeated.

**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.

**Study Hall—Freshmen                      Grade 9                      No Credit**  
**One Semester Mandatory**

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.

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**Study Hall—Fall/Spring      Grades 10—12      No Credit**

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.**

**Teaching /Office Assistant      Grade 12      No Credit  
Pass/Fail Grading**

**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.

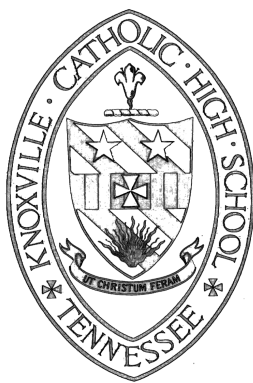
A limited number of TA Tutoring opportunities are available during A Block. See a counselor if interested.

**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



KNOXVILLE CATHOLIC  
HIGH SCHOOL

9245 Fox Lonas Road  
Knoxville, Tennessee 37923

(865) 560-0313  
[knoxvillecatholic.com](http://knoxvillecatholic.com)