The image shows the front facade of a brick school building. At the top, a stone lintel is inscribed with "KENNETT CONSOLIDATED SCHOOL". Below this is a decorative cornice with two circular medallions. The main entrance is framed by two large, ornate columns. Between the columns are three windows, each with a hanging lantern light fixture. The building is constructed of red brick with white stone accents.

KENNETT CONSOLIDATED
SCHOOL

KENNETT HIGH SCHOOL
EDUCATIONAL PLANNING GUIDE

2024-2025



Kennett High School
100 East South Street
Kennett Square, PA 19348
(610) 444-6620
www.khs.kcsd.org

This guide is available online on the high school website. Some of the information is subject to change during the school year. Also, **please note that not all courses listed in this guide will run in the 2024-2025 school year.**

EQUAL RIGHTS AND OPPORTUNITIES POLICY

The Kennett Consolidated School District will not discriminate in its educational programs, activities, or employment practices, based on race, color, national origin, sex, sexual orientation, disability, age, religion, ancestry, union membership or any other legally protected classification. (Announcement of this policy is in accordance with state and federal laws, including Title IX of the Education Amendments of 1972, Sections 503 and 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990.) Kennett Consolidated School District employees and participants who have an inquiry or complaint of harassment or discrimination, or who need information about accommodations for persons with disabilities, should contact Dr. D. Dusty Blakey, District Superintendent, 300 East South Street, Kennett Square, PA 19348, (610) 444-6600.

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WELCOME FROM THE PRINCIPAL

Greetings! I am honored to have this opportunity to welcome you to the 2024-2025 edition of the Kennett High School Educational Planning Guide. This informative guide is a valuable resource in making important decisions about your high school career. Included in this publication are the specific courses offered by each academic department at Kennett High School and the required and suggested sequences that specific courses should be taken. As students, it is your personal responsibility to familiarize yourself with the options that are available at KHS. It is important that you set aside time not only to explore this information independently, but also to share it with your family as you make critical decisions that will influence your future outcomes. If you have any questions or need clarification, please do not hesitate to contact me at Ldeangelis@kcsd.org.

I also want to take advantage of this opportunity to let you know how excited and proud we are that you have chosen Kennett for your high school education. It is our promise to deliver only the highest-quality instruction that will challenge and prepare you for whatever you pursue after graduation. You are now part of a strong tradition and legacy of academic excellence that has been established by those students who have come before you. It is now your responsibility to uphold the legacy and advance it to even greater heights. You are the future of Kennett High School, and your dedication and commitment to your learning is of the utmost importance.

Additionally, I would like to encourage you to explore the partnerships we have recently forged with local universities regarding Dual Enrollment, which are opportunities to earn college credit at KHS. Supplementing your program of studies at KHS through dual enrollment courses and internships will provide you with invaluable learning experiences in a college and professional setting. If you are interested in these opportunities for next year, please discuss this with your school counselor during the course selection process. Furthermore, Kennett High School is proud to offer internship opportunities, where available, through the collaboration and relationship we have with local business partners.

Please know that I am always available to support and assist you in your growth as a Kennett High School student. Additionally, you have access to the wisdom and knowledge of the absolute best teachers, counselors, and support staff to guide you along the way. Though you will be challenged by our rigorous curriculum, the entire faculty and staff will be available to help you achieve success. In closing, it is my expectation that you challenge yourself to improve your learning each and every day and hold yourself accountable for growing the legacy of Kennett High School. You should expect the absolute best from us as your teachers, principals, and counselors, as we expect exactly the same in all of your efforts. Set your goals as high as you possibly can and pursue them with intensity and passion. Remember, nothing is impossible if you are willing to put in the work.

Work Hard and Be Kind.



Lorenzo G. DeAngelis Jr. Ed.D.
Principal

NEW FOR 2024-2025 SCHOOL YEAR!

Dual Enrollment Opportunities and Internships

With prior approval, students have the opportunity to enroll in college level courses and, upon successful completion, earn both college credit and Kennett High School credit. Additionally, students who receive prior approval for an internship will gain valuable work experience and KHS credit. Students who have Junior or Senior Option should seriously consider taking advantage of these opportunities due to the flexibility of their schedules.

Students are responsible for the collegiate requirements and course fees. Students must meet with their counselor, complete a dual enrollment application, and receive administrative approval prior to the start of the course. Interested students may speak with their school counselor for more information.

Although dual enrollment courses may be taken through any approved program, Kennett High School has collaborated with the following institutions to provide personalized, affordable opportunities for our students: Delaware County Community College, University of Delaware, and West Chester University of Pennsylvania. Our partnerships continue to expand, so stay connected with your school counselor to be informed of any changes.

Delaware County Community College

Ready to apply?

- Visit dccc.edu/apply
- Submit the KHS Dual Enrollment application to the KHS Counseling Office
- Application(s) found on Schoology
- Completion of placement test or submit SAT/ACT scores
- The test is 2.5 hours, you'll need to coordinate with DCCC
- If your SAT scores are 500 (Reading) and 530 (Math) or above in each section you do not need to take the placement test
- Acceptance Letter- You will receive this in the mail BUT you will still need to pass the placement test/have the required SAT scores to take college level courses at DCCC.

West Chester University

Lit 165: Topics in Literature-Dual Enrollment course

The College English Course is open to a limited number of senior students who meet the selection requirements. This is a college-level course, and as such, students will be exposed to college-appropriate materials, teaching methods, assignments, workload, pacing, and topics. Students will abide by West Chester University's (WCU) rules and regulations. Students who successfully complete the course satisfy the Kennett Consolidated School District graduation requirements for a 12th-grade English credit or an English elective credit (student choice). The class will be weighted like an AP course. Students who successfully complete this course will also earn 3 college credits from WCU.

Determining the courses to be offered is at the college's discretion. All college fees (\$300) are the student's responsibility. Financial consideration can be made for students through the KHS counseling office. Refunds will not be offered. The schedule will follow the WCU semester calendar (including finals week) but will officially conclude at the end of the KCSD semester. Neither KCSD nor WCU can guarantee that all colleges will accept the university course credit.

West Chester University PRIZE program

The Commonwealth is experiencing a drastic increase in the need for teachers. In 2020-2021, the Commonwealth issued 5,039 new certifications, as opposed to 25,728 in 2012-2013. With the “great resignation” occurring as the result of the Covid pandemic and other factors, teacher preparation programs are not positioned to meet school district needs. Additionally, only 7% of teachers in Pennsylvania are teachers who identify as persons of color, whereas 37% of the Commonwealth students identify as students of color. With there being a plethora of research documenting the positive impact on student learning when there is representation of teachers from diverse backgrounds, this statistic is also concerning. One factor associated with the teacher shortage (as outlined by AASPA) is decreased interest in the profession caused by the perception of what it means to be a teacher. This program is intended to increase the number of teacher candidates in the pipeline, as well as the number of candidates from diverse backgrounds by demonstrating a counter-narrative, while giving students direct experiences that lead to a career in teaching. Let’s keep our ‘Eyes on the PRIZE’ and work together to increase the number of students in our teacher preparation programs. Initiatives include preparation in early grades, middle school, secondary, special education, music education, and health and physical education. For more information, please visit <https://www.wcupa.edu/education-socialWork/prize/> If interested, please see your KHS counselor.

YOUR SCHOOL COUNSELOR

While each student's goals may not yet be completely decided, it is imperative that all students graduate from Kennett High School college- and career-ready. To do this, students will need the help of their parents, teachers, and counselors. This resource educational planning guide has been created to provide the information that students will need as they plan their education so that they are prepared for the future.

Every student is assigned to a counselor who will remain with the student throughout high school. Through the partnership between the student, their teachers, and their family, the counselor will provide advice to help each student identify his or her individual strengths, areas for growth, and interests. This information will assist each student in achieving personal success in high school and in developing a plan to get ready for additional education or the working world. The counselor will discuss course selections with the student and ensure that the student is making progress towards meeting graduation requirements.

The counselor confers frequently with classroom teachers. The teacher helps the counselor understand how the student is performing in the classroom. The counselor helps the teacher understand the student's academic background, special concerns, and individual goals.

Parents also play an important role in the educational planning for their children, and we encourage you to contact the school counselor with any questions or concerns. We look forward to working with you, and we can be reached during the school day, either by phone (610-444-6636) or email.

Our objective is to help Kennett High School students develop educational plans that give them the opportunity to learn the skills and knowledge they will need to be prepared for the future.

Counselor	Email	Student Assignments
Mrs. Karina Hirschfield	khirschfield@kcsd.org	Last names A – C
Ms. Alexandra Donohue	adonohue@kcsd.org	Last names D- Ha
Ms. Margaret Chase, Department Chair	mchase@kcsd.org	Last names Hb-Ma
Mr. Shariyf McCormick	smccormick@kcsd.org	Last names Mb-R
Mrs. Anna Bacchieri	abacchieri@kcsd.org	Last names S-Z

HIGH SCHOOL GRADUATION REQUIREMENTS

Students must complete a minimum of 25.2 credits as per School Board Policy No. 217 in order to graduate from Kennett High School. The Subject Area requirements for graduation are as follows:

Subject Area	Credits
English	4
Mathematics	4
Science	4
Social Studies	4
Physical Education *	1
Health *	1
8 total electives	

*Students will be scheduled for 1 credit for Health & Physical Education.

Please note that students completing one of our new Degree Programs may be required to earn more than the minimum number of credits. Please see the required credit totals for the new Degree Programs in the descriptions included later in this document.

Other Graduation Requirements

1. Please also note that students must also complete the Kennett High School Graduation project, which is interconnected with the Seminar: Career Exploration course, and requires students to experience career-related opportunities such as creating a resume, cover letter, and participating in a mock interview junior year.
2. All students must take and successfully complete the Seminar: Career Exploration course as freshmen. This satisfies requirements of the Kennett High School Graduation Project and Pennsylvania's Department of Education's College and Career Readiness Standards. Please also note the Seminar course also satisfies the District's technology requirement for graduation.
3. Students must satisfy PDE's Keystone Pathways to Graduation.
4. For students who are on a college-track, please note that colleges often require two or more consecutive years of a language in high school.

Minimum Number of Earned Credits for Promotion

Sophomore: 6.4

Junior: 12.8

Senior: 18

High School Course Completed at Eighth Grade

High school courses completed by students while they are in the eighth grade will not earn high school credit, but they will be included on the student's official transcript and will contribute to the student's cumulative GPA. Successful completion of these courses affords the student the opportunity to enroll in higher level courses in high school. However, graduation requirements are fulfilled only by courses completed in grades 9 through 12.

ASSESSMENTS

Keystone Exams

Senate Bill 1095, which was signed into law by Governor Tom Wolf on October 24, 2018, shifts Pennsylvania's reliance on high stakes testing as a graduation requirement to provide alternatives for high school students to demonstrate readiness for postsecondary success. Formerly, Pennsylvania's graduation requirement was more restrictive, requiring most students to pass the Keystone Exams — end of course exams in Algebra I, Literature, and Biology. Senate Bill 1095 will expand the options for students to demonstrate postsecondary readiness using four additional pathways that more fully illustrate college, career, and community readiness.

The statewide graduation requirement will apply, as will any other locally-established policies and requirements.

Additionally, Keystone Exams are the statewide assessment that Pennsylvania uses to comply with accountability requirements in the federal Every Student Succeeds Act (ESSA). Each state is expected to achieve 95 percent participation on its statewide exams.

Students can meet the statewide graduation requirement by:

- Scoring proficient or advanced on each Keystone Exam - Algebra I, Literature, and Biology.
- Earning a satisfactory composite score on the Algebra I, Literature, and Biology Keystone Exams.
- Earning a passing grade on the courses associated with each Keystone Exam, and satisfactorily complete one of the following: an alternative assessment (SAT, PSAT, ACT, ASVAB, Gold Level ACT WorkKeys), advanced coursework (AP, IB, dual enrollment courses), pre-apprenticeship, or acceptance in a 4-year nonprofit institution of higher education for college-level coursework.
- Earning a passing grade on the courses associated with each Keystone Exam, and pass the National Occupational Competency Testing Institute (NOCTI) or the National Institute of Metalworking Skills (NIMS) assessment in an approved Career and Technical Education concentration.
- Earning a passing grade on the courses associated with each Keystone Exam, and demonstrate readiness for postsecondary engagement through three pieces of evidence from the student's career portfolio aligned to student goals and career plan. Examples of evidence will include ACT WorkKeys, SAT Subject tests, AP, IB and dual enrollment on current coursework, higher education acceptance, community learning project, completion of an internship, externship or co-op or full-time employment.

College Entrance Exams

College admissions requirements and high school graduation requirements, such as course and examination requirements, may be very different. Students planning to attend college should work with their counselor to schedule appropriate courses and to gain an understanding of admission test requirements.

Common college entrance exams include the ACT and the SAT. Information and registration for these assessments is available online: ACT at www.act.org; SAT at www.collegeboard.org

The **PSAT**, the practice SAT, will be administered at KHS. Results on the PSAT allow 11th grade students to compare themselves with other college bound students across the country, and to predict their estimated SAT score. In addition, the 11th grade PSAT serves as the qualification examination for the National Merit Scholarship. PSAT registration information will be sent home to sophomores and juniors in the summer.

EDUCATIONAL PLANNING

It is in each student's best interest to enroll in the most challenging courses possible! Four-year colleges and universities evaluate a student's qualifications for admission based upon the student's academic record and achievements. Two-year colleges and technical schools often look at particular skills students have begun and wish to continue in post-secondary school. Computer classes, vocational training and practical skills are of particular importance.

Course Selection Process

As students make academic plans for next year, they should:

- Talk over their plans with their family, teachers and counselor.
- Read the course descriptions, including any special requirements courses may have.
- Choose courses that strengthen academic backgrounds and provide opportunities to explore new ideas.
- Keep in mind their future goals, talents, skills, interests, past school grades, assessment results, and teacher recommendations.

Scheduling Process

The course selection process begins in the early part of the second semester with these steps:

- Counselors present information about the 2024-2025 course selection process, course sequences and elective choices.
- Students will make selections for their elective course requests online using Skyward. Students discuss their academic progress with their teachers.
- Teachers make course recommendations for each student in core subject areas and electives requiring teacher recommendation.

Recommendations are a vital part of course selection and are based on data and multiple criteria including:

- Student achievement (historical grades, assessment scores, etc.)
- The teacher's knowledge of the curriculum
- Course expectations

A listing of a student's complete course requests is mailed home for review in the second semester. Students are welcome to make changes to their elective requests by contacting their school counselor.

Draft Schedules

Draft schedules are mailed home and activated on Skyward Family Access for review in the summer.

Final Schedules

Final schedules are distributed on the first day of school. Changes to student schedules at this time will only be initiated as a result of scheduling errors, irresolvable scheduling conflicts, previous course failures, or administrator recommendation. Any other type of schedule change request will not be honored.

After the start of school, the building principal must approve any schedule change request. ***Please note that schedule changes will not be made once the school year has started.***

Core Course Options and Sequences

Some subjects, such as mathematics and languages, must be studied in sequence. The knowledge and/or skills gained in one year are the foundation for the knowledge and skills to be gained in succeeding years. Teachers routinely recommend that students continue with the next course in a sequence if the student has demonstrated full understanding of the content and has met the expectations of the preceding course. The core course sequence that students follow is based upon their preparedness for each course. Movement between sequences is possible, depending upon the student's achievement. Typical course sequences are outlined on the next page.

ENGLISH

	Standard	Advanced	Honors	Advanced Placement (AP)
Grade 9	Survey of Literature	Advanced Survey of Literature	Honors Survey of Literature	N/A
Grade 10	World Literature	Advanced World Literature	Honors World Literature	N/A
Grade 11	American Literature	Advanced American Literature	Honors American Literature	AP Language and Composition
Grade 12	English 12	Advanced English 12	Honors British Literature	AP Literature and Composition

MATHEMATICS

	Standard	Advanced	Honors	Advanced Placement
Grade 9	Essentials of Math Pre-Algebra Algebra I Algebra 1 Part 1 Algebra 1 Part 2	Advanced Algebra I Advanced Geometry	Honors Geometry Honors Algebra II	N/A
Grade 10	Algebra I Geometry	Advanced Geometry Advanced Algebra II	Honors Pre-Calculus	N/A
Grade 11	Integrated Math Algebra II	Advanced Algebra II Advanced Pre-Calculus	Honors Pre-Calculus	AP Calculus AB AP Statistics AP Computer Science A
Grade 12	Algebra II Statistics Pre-Calculus	Advanced Pre-Calculus Advanced Statistics	N/A	AP Calculus AB AP Calculus BC AP Statistics

	Math of Financial Literacy			AP Computer Science A
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SCIENCE

	Standard	Advanced	Honors	Advanced Placement
Grade 9	Conceptual Earth and Space Core Earth and Space	Earth and Space	Honors Earth and Space	N/A
Grade 10	Conceptual Biology	Biology	Honors Biology	AP Environmental Science
Grade 11	Conceptual Chemistry	Chemistry	Honors Chemistry	AP Biology AP Environmental Science
Grade 12	Conceptual Physics	Physics	Honors Physics	AP Chemistry AP Environmental Science AP Physics C

SOCIAL STUDIES

	Standard	Advanced	Honors	Advanced Placement
Grade 9	World Studies I	Advanced World Studies I	Honors World Studies I	AP European History
Grade 10	World Studies II	Advanced World Studies II	Honors World Studies II	N/A
Grade 11	American Studies	N/A	Honors American Studies	AP US History
Grade 12	Government/Economics	N/A	Honors Government/Honors Economics	AP Government AP Macroeconomics

Course Request Worksheet (on next page)

- Read through the course descriptions and then complete this worksheet.
- Teachers will make recommendations for all students in: English, Social Studies, Mathematics, Science, and Advanced Placement courses
- Students should record the elective courses that interest them.
- Freshmen and sophomores are expected to schedule classes for eight blocks.
- Juniors are expected to schedule classes for a minimum of seven blocks.
- The ability to fulfill student requests for specific courses may be limited by scheduling and staffing constraints and each student’s progress towards completing graduation requirements.
- Requests for **specific instructors or class meeting times cannot be honored.**

COURSE REQUEST WORKSHEET

Subject Area	Course Name	Teacher Recommendation
<i>English</i>		
<i>Math</i>		
<i>Science</i>		
<i>Social Studies</i>		
<i>Physical Education (9th and 10th grades)</i>		
<i>Health (9th and 10th grades)</i>		
<i>Elective (1 full year or 2 semester courses)</i>		
<i>Elective (1 full year or 2 semester courses)</i>		
<i>Alternate Electives</i>		

Course Recommendations

Teachers will advise students of the course and level most appropriate in each of the core subject areas. The students are encouraged to strive to achieve at a higher level than they previously may have demonstrated. Setting such goals for achievement with teachers provides students with the opportunity to demonstrate they have mastered the skills, are up to the challenge, and can earn the course recommendation needed.

If a student and teacher do not agree on a course recommendation, the student is strongly urged to confer with that teacher to discuss strategies that may help the student improve their achievement. Since teachers reexamine student performance during the last marking period to confirm student preparedness for succeeding courses, adjustments to recommendations can be made to address significant improvement or decline in any subject area.

At the end of the academic year, if a student has not been recommended for a specific course but the student wishes to be considered for it, the student's parent or guardian may complete the Request for Recommendation Override Form. The Principal will review all requests.

Course Changes

Students are always encouraged to challenge themselves by studying the most rigorous core courses in which they can be successful. If, however, a student is not making satisfactory progress, it may be necessary to assess if a course change is needed. If initiated by the student, the first requirement is that the student must speak with the teacher and seek further information and/or help. Other sources for extra help are NHS tutoring, after school study center, or private tutoring. If, after these extra efforts, the student would like to request a course change, the student will complete a Class Change Request Form, found in the counseling office. The form requires information regarding: if the student has sought extra help; the number of classes the student has missed; the student's performance on homework, quizzes and tests; the teacher's comments; and the parent's signature. The completed form is then returned to the student's school counselor. It is only after the student has exhausted all additional help opportunities and resources that the principal will review any request to change a core course.

If the principal approves a departmentally-related course change, the grade earned at that point will transfer to the new course, along with any previous grades earned in the course. For example, if a student changes from AP English Literature with a grade of a C in the 1st marking period to Honors British Literature, the C will be the 1st marking period grade for Honors British Literature. If a student changes mid marking period, the grades earned to that point will be transferred. If a student is requesting a change to an elective course, the student will be expected to substitute an alternate elective.

Honors and Advanced Placement Course Expectations

Honors courses are designed for students seeking high-level academic challenges and are substantially more rigorous in terms of level and quantity of material covered than regular or advanced courses. In these courses students are expected to manage an increased load of independent work and to learn at an accelerated pace. Students will be required to apply, analyze, and synthesize course content cumulatively and to demonstrate learning through in-depth assignments and multiple modes of assessment. Advanced Placement courses allow students to study material that is equivalent to a first year college level course. Students enrolling in Advanced Placement courses acknowledge the rigor and high expectations of the courses and fully commit themselves to taking the necessary steps for additional assistance, if needed, to ensure success in the class. Students will not be permitted to drop Advanced Placement courses without demonstrating a comprehensive effort to improve their academic performance over a period of time determined by the student's counselor and the building principal.

AP Exam – AP courses are geared towards students earning a passing score on the AP exam. As an AP student, one has the right to opt out of the AP exam. However, the following conditions apply: For a FULL YEAR AP course: Students must notify the counselor and teacher by **November 1** that they have decided to opt out of taking the exam. If a student notifies them after this date, the student may forfeit a portion of the exam registration fee and be responsible for any cancellation fees. ALL AP students who choose to opt out will be responsible for completing a cumulative exam during the AP exam window that is comparable in rigor to the AP exam. Students who do not opt-out, but fail to take a scheduled exam, will be required to take the in-class cumulative exam with their teacher and there will be no refund.

Placement by Examination

Under special circumstances, a student may desire to advance in sequential courses at an accelerated rate. With permission from the principal, a student may request to place out of a prerequisite course in a sequence. To document that the student is prepared to accelerate, the student must demonstrate mastery of the requisite foundational skills by successfully completing a cumulative evaluation. This is also frequently required for some additional learning opportunities, such as on-line college credit courses, where the student would complete a readiness assessment. After review of the student's performance on the assessment, the principal can approve the acceleration or eligibility for the college class. Placement by examination does not earn course credit, contribute to the student's grade point average, or become part of the student's academic course record.

Independent Course Enrollment

Occasionally, students request to enroll in a course that cannot fit into their schedules. If this is the case for you, please contact your school counselor, and he or she will coordinate a plan with administration for an independent study.

Dual Enrollment

With prior approval, students have the opportunity to enroll in college level courses and, upon successful completion, earn both college credit and Kennett High School credit. Students are responsible for the collegiate requirements and course fees. Students must meet with their counselor, complete a dual enrollment application, and receive administrative approval prior to the start of the course. Interested students may speak with their school counselor for more information.

Although dual enrollment courses may be taken through any approved program, Kennett High School has collaborated with the following institutions to provide more personalized, affordable opportunities for our students: Delaware County Community College, West Chester University of Pennsylvania, Millersville University, and the University of Delaware.

Internships

With prior approval, students have the opportunity to enroll in an internship experience. Through the collective efforts of our business community, KHS is proud to offer our students this unique learning experience where students gain hands-on, pragmatic work experience at highly successful companies. Although not required, some internships may be compensated in addition to earning elective credit. Students must be able to travel to the job location and will work in concert with a school coordinator and employer. Interested students should speak with their school counselor for more information.

Junior Option

Juniors who are in good academic and behavioral standing and are on pace to meet all graduation requirements may opt out of one block of their schedule pending parent and principal approval following review of application. To advance their planning for post-secondary careers and college, juniors have the opportunity to pursue a variety of enrichment experiences during this time, including: enrolling in a college course, job shadowing, completing an internship, visiting colleges, and/or achieving gainful employment. In order to take advantage of this option, juniors must adhere to specific criteria as determined by administration. Juniors requesting Option must complete an application available via their school counselor.

Senior Option

Seniors who are in good academic and behavioral standing and are on track to meet all graduation requirements may opt out of up to four blocks during senior year. To be eligible, students must have completed their graduation project prior to April 1 in their junior year. To advance their planning for post-secondary careers and college, seniors have the opportunity to pursue a variety of enrichment experiences during this time, including: enrolling in a college course, job shadowing, completing an internship, visiting colleges, and/or achieving gainful employment. In order to take advantage of this option, seniors must adhere to specific criteria as determined by administration. Where class size, student progress, and master schedule possibilities permit, students' schedules will be adjusted to meet this request.

NCAA Eligibility Requirements

Students who intend to compete in Division I or Division II athletics at the college level must meet NCAA eligibility requirements. Visit the NCAA Eligibility Center's website (www.eligibilitycenter.org) for complete information about registering with the NCAA, core course requirements, grade point average, and SAT or ACT minimum scores. Enter the school CEEB code 392005 for a complete listing of currently approved KHS courses. Students interested in participating with Division I or II athletics should schedule a conference with their school counselor. This is most helpful when scheduled during or prior to ninth grade.

FAMILY AND CONSUMER SCIENCE COURSES

Materials fees are charged in all Family and Consumer Science classes. Financial assistance is available for students. Please see your guidance counselor or the principal for more information.

Foods and You

0.5 Credit - Semester Course

Lab Fee \$25.00

In this course students participate in classroom and food lab activities to develop their knowledge of food's journey from seed to table and food preparation techniques. Students learn the basics of sanitation and safety, consumer strategies, nutrition and basic culinary skills. Course is open to all students in grades 9 -12.

Culinary Arts

0.5 Credit - Semester Course

Lab Fee \$25.00

Culinary Arts is an advanced foods course that emphasizes knife skills, various heating methods, the role of ingredients and herbs with an emphasis on French traditions. Completion of Foods and You is a prerequisite for the study of Culinary Arts.

Pastry Arts

0.5 Credit - Semester Course

Lab Fee \$25.00

This advanced pastry course focuses on artistic dessert presentations by introducing both classical and modern techniques for cakes, tarts, breads, cookies and mousses. The foundation of pastry arts will be solidified through critical thinking to solve possible problems, which sometimes arise during the

creations of these desserts. Satisfactory completion of Foods & You is a prerequisite.

Human Growth and Development I

0.5 Credit - Semester Course

Lab Fee \$10.00

Human development knowledge is essential for students pursuing a career in education, health and human service professions, and many other careers involving working with children and youth. This course focuses on human growth and development from the prenatal stage through the preschool years. Students will study the principles of typical development, conditions that influence a child's development, and strategies that promote healthy and productive lives.

Human Growth and Development II

0.5 Credit - Semester Course

Lab Fee \$10.00

This elective course builds upon the content covered in Human Growth and Development I. The course focuses on physical, intellectual, emotional and social development from the school age child through later adult years. Students will study the principles of development and their interactions, and conditions that influence a human's development. Time will be devoted to examining psychological issues which may develop at each life stage and application of healthy practices to support optimal growth.

Nutrition for Health and Wellness

0.5 Credit - Semester Course

Lab Fee \$25.00

Apply health and nutrition concepts to your personal lifestyle. Become familiar with nutrients, food groups and nutrient standards. Analyze your diet using USDA's MyPlate and Dietary Guidelines for Americans. Learn how

food choices affect overall health and wellness. Experiment with a variety of cooking techniques focusing on healthy foods. Evaluate the nutritional content, taste, expense and ease of preparation of these foods. Course is open to all students in grades 9-12.

BUSINESS COURSES

Accounting I

1 Credit – Full-Year Course

Through Accounting I, students will gain a foundation in the skills needed to succeed in college accounting courses, office work, or managing a small business of their own. Students will learn to keep financial records for personal use and business activities, as well as apply that financial information towards advanced studies in Accounting. Accounting careers will be explored and guest speakers will be used to demonstrate what opportunities await a candidate with an accounting background. This elective course is open to all 9th through 12th grade students.

Accounting II

1 Credit – Full-Year Course

This course is a continuation of Accounting I. Accounting II focuses on accounting for a merchandise business organized as a corporation. Topics covered will include inventory, uncollectible accounts, depreciation, and sales. Excel will also be used to give students hands-on, real world experience in accounting practice. If you are planning on a business major in college, this course will give you a strong foundation and preparation for college accounting.

Prerequisite: At least a C- in Accounting I

Business/Criminal Law

0.5 Credit - Semester Course

This course introduces the students to the fundamental principles, concepts, and importance of law. Topics studied include corporate, consumer, civil, and criminal law. Students will also learn about specific laws that are likely to be relevant to them such as contracts, rental agreements, and employment issues. Cases are analyzed and real-world current events are discussed. Guest speakers and mock trials are used to bring the principles and concepts studied to life. This elective course is open to all 9th through 12th grade students.

Entrepreneurship

0.5 Credit - Semester Course

Do you have great ideas? Are you interested in being your own boss and earning a good living? In Entrepreneurship you will explore the aspects required to plan and operate your own business including financing, managing and marketing. Students will explore new business trends in technology, pop culture, fashion, sports and entertainment. You will also develop your own business concepts and begin your climb to the top! This elective course is open to all 9th through 12th grade students.

Fundamentals of Investing

0.5 Credit - Semester Course

There is a compelling need for young people to understand the fundamentals of investing as early as possible. There are startling statistics that stress there is a real need to educate our young adults on the importance of investing. It is clear that too many Americans do not invest enough and/or they do not begin to invest at an early age. Consider that \$1,200 invested today at 9% (stock market average) will be worth \$37,691 in 40 years and investing just \$1,000 every year at 9% grows to \$337,883 at the end of the 40th year. The Fundamentals of Investing will examine topics such as Stocks, Bonds, Mutual Funds, Exchange Traded Funds, and the philosophies, strategies, and history of investing. This elective course is open to all 9th through 12th grade students.

Seminar: Career Readiness

0.5 Credit - Semester Course

This course, which is a graduation requirement, challenges students to explore, develop, and take steps towards aligning their interests and skills to their postsecondary plans through both college investigation and career exploration. Topics studied include economic systems, financial awareness, budgeting, entrepreneurship, banking and credit. Students will complete a career interest profiler, create resumes and cover letters, fill out job applications and learn how to open bank accounts, create personal budgets, and understand the importance of saving and investing for their future. Students will be creating and uploading pieces of evidence to their career portfolios that meet the PA Department of Education career readiness/graduation mandate.

Sports and Entertainment Marketing

0.5 Credit - Semester Course

Sports and Entertainment Marketing is one of the fastest growing majors at universities throughout America! This course is designed for students who want to learn the basics about careers in the Sports and Entertainment industry. Areas of instruction will include: marketing, advertising, promotion, legal aspects and event planning/execution. This elective course is open to all 9th through 12th grade students.

EntreX Lab - University of Delaware Dual Enrollment Course

1 Credit – Semester Course (3 college credits)

Do you have an idea that would improve your community, change the world, disrupt the current marketplace? Do you wonder what it is like to start your own business and be your own boss? EntreX Lab provides a hands-on approach to learn the entrepreneurial skills of idea generation, creative problem solving, leadership, evidence-based decision making, resilience, teamwork, and persuasive communication. Through first-hand experience with the entrepreneurial process, students build the mindset needed to create, capture, and deliver value from new ideas in any sector. With opportunities to connect with like-minded peers across the state and throughout the world, this course serves as an empowering opportunity to turn ideas into action.

ENGLISH COURSES

English courses that fulfill the English graduation requirement have **required summer reading**. Reading lists will be distributed through the English department and made available in the high school main office, as well as on the high school website. Summer reading will be assessed the first week of school, as well as during first marking period writing assignments.

Student placement regarding course level depends upon previous student performance and teacher recommendation. All students will conference with their English teachers during the course selection process to determine suitable placement.

Honors courses are designed for students seeking high-level academic challenges and

are substantially more rigorous in terms of level and quantity of material covered than academic level courses. In these courses students are expected to manage an increased load of independent work and learn at an accelerated pace. Students will be required to apply, analyze, and synthesize course content cumulatively and to demonstrate learning through in-depth writing assignments and multiple modes of assessment.

Survey of Literature Block

2 Credits (1 Core, 1 Elective) – Full-Year Course

This course is designed to support and enhance students' literacy skills so that they will gain the academic vocabulary and language skills needed to read and analyze fiction and nonfiction texts effectively. In addition, students will develop the analytical reading and writing skills needed for proficiency on the Keystone Literature exam. The course readings include a variety of genres in an effort to widen students' understanding of and appreciation for literature. Readings encourage students to study nonfiction, literary elements of fiction, comedy, drama, and poetry. Writing instruction, focusing on sentence, paragraph, and essay construction, will address the development of defensible claims and the incorporation of research as evidence. Placement in this course is determined through a variety of means, including teacher recommendation. Students who successfully complete this course will earn one English credit and one elective credit.

Survey of Literature

1 Credit – Full-Year Course

Survey of Literature emphasizes expository writing, grammar and usage, genres of literature, and vocabulary building. Students will study representative samples from, but not limited to, the following units: non-fiction, comedy, poetry, short story, novel, drama, and satire. Literature is taught in conjunction with writing and grammar. In the literature portion, emphasis is placed on analyzing, interpreting, evaluating, and writing about literature.

Advanced Survey of Literature

1 Credit – Full-Year Course

Advanced Survey of Literature emphasizes expository writing, mastery of grammar and usage, elements of literature, and vocabulary

building. In this writing-intensive and rigorously paced course, students will study representative samples from the following units: non-fiction, comedy, poetry, short story, novel, drama, and satire. Students in the course read most works independently before class discussion. This course also offers a thorough review of English grammar, usage, and mechanics. Students are expected to integrate their grammar and writing skills in their literary analysis. In the literature portion, emphasis is placed on analyzing, interpreting, evaluating, and writing about literature. Students will work to develop and master the skills necessary for expository writing.

Honors Survey of Literature

1 Credit – Full-Year Course

Honors Survey of Literature emphasizes expository writing, mastery of grammar and usage, elements of literature, and vocabulary building. In this writing-intensive and rigorously paced course, students will study representative samples from the following units: epic, drama, comedy, poetry, and satire. Students will read works independently before class discussion. Students are expected to demonstrate mastery of grammar and usage in their writing. Active participation in class discussions and in collaborative learning is paramount to student success. Admittance into this honors course is determined through a combination of standardized test scores, teacher recommendations, and grades.

World Literature Block

2 Credits (1 Core, 1 Elective) – Full-Year Course

Building upon skills covered in the Survey of Literature Block, students will continue to study the academic vocabulary and language skills needed to read and analyze fiction and nonfiction texts effectively. In addition, students will develop the analytical reading and writing skills needed for proficiency on the Keystone Literature exam. The course readings reflect a variety of cultures, ethnicities, and perspectives with a thematic focus on heroes throughout the world. These readings will widen students' understanding of and appreciation for world literature. Writing instruction, focusing on sentence, paragraph, and essay construction, will address the development of defensible claims and the incorporation of research as evidence. Placement in this course is determined through a variety of means, including teacher

recommendation. Students who successfully complete this course will earn one English credit and one elective credit.

World Literature

1 Credit – Full-Year Course

Building upon skills covered in the Survey of Literature, World Literature emphasizes expository writing, elements of literature, and vocabulary building. This course also offers a thorough review of English grammar, usage, and mechanics. In addition, the students will develop reading and writing skills needed for proficiency on the Keystone Literature exam. The course readings reflect a variety of cultures, ethnicities, and perspectives with a thematic focus on heroes throughout the world. These readings will widen students' understanding of and appreciation for world literature. Writing instruction, focusing on sentence, paragraph, and essay construction, will address the development of defensible claims and the incorporation of research as evidence. Placement in this course is determined through a variety of means, including teacher recommendation. Students who successfully complete this course will earn one English credit and one elective credit

Advanced World Literature

1 Credit – Full-Year Course

Building upon skills covered in Advanced Survey of Literature, Advanced World Literature emphasizes expository writing, mastery of grammar and usage, elements of literature, and vocabulary building. In this writing-intensive and rigorously paced course, students will study heroes throughout various cultures and time periods. The course readings reflect a variety of cultures, ethnicities, and perspectives with a thematic focus on heroes throughout the world. These readings will widen students' understanding of and appreciation for world literature. Emphasis is placed on analyzing, interpreting, evaluating, and writing about literature. This course also offers a thorough review of English grammar, usage, and mechanics. Students are expected to integrate their grammar and writing skills into their literary analysis. In addition, students will develop the analytical reading and writing skills needed for proficiency on the Keystone Literature exam. Placement in this course is determined through a variety of means, including teacher recommendation. Students who successfully complete this course will

earn one English credit and one elective credit.

Honors World Literature

1 Credit – Full-Year Course

Building upon skills covered in the Honors Survey of Literature, Honors World Literature emphasizes expository writing, mastery of grammar and usage, elements of literature, and vocabulary building. In this writing-intensive and rigorously paced course, students will study heroes throughout various cultures and time periods. The course readings reflect a variety of cultures, ethnicities, and perspectives with a thematic focus on heroes throughout the world. These readings will widen students' understanding of and appreciation for world literature. Students will read works independently before class discussion. Students are expected to demonstrate mastery of grammar and usage in their writing and to demonstrate higher level thinking skills in their oral and written assessments. Active participation in class discussions and in collaborative learning is paramount to student success. In addition, students will develop the analytical reading and writing skills needed for proficiency on the Keystone Literature exam. Placement in this course is determined through a variety of means, including teacher recommendation. Students who successfully complete this course will earn one English credit and one elective credit.

American Literature

1 Credit – Full-Year Course

Building upon skills covered in World Literature, American Literature is a comprehensive course that examines the evolution of American literature and thought. The course emphasizes expository writing, grammar and usage, elements of literature, and vocabulary building. Students will read representative samples from the following thematic units: American Identity, The Effects of WAR, Crime and Punishment, and RElationships in Society. Literature is taught in conjunction with writing and grammar. In the literature portion, emphasis is placed on analyzing, interpreting, evaluating, and writing about literature. Students will continue to develop and master expository writing skills. They will also complete a unit on research skills culminating in a formal research paper.

Advanced American Literature

1 Credit – Full-Year Course

Building upon skills covered in Advanced World Literature, Advanced American Literature is a comprehensive course that examines the evolution of American literature and thought. While studying this progression, emphasis will be placed on expository writing, grammar and usage, elements of literature, and vocabulary building. Students will read representative samples from the following eras: Puritanism, the Enlightenment, Romanticism, Realism, Naturalism, and Modernism. Students in the course read most works independently before class discussion. Students are expected to integrate grammar and writing skills into their literary analysis. In the literature portion, emphasis is placed on analyzing, interpreting, evaluating, and writing about literature. Students will work toward mastery of expository writing skills. They will also complete an extensive unit on research skills that culminates in a formal research paper.

Honors American Literature

1 Credit – Full-Year Course

Building upon skills covered in Honors World Literature, Honors American Literature is a comprehensive course that examines the evolution of American literature and thought. It emphasizes persuasive writing, mastery of grammar and usage, elements of literature, and vocabulary building. In this writing-intensive and rigorously paced course, students will study representative samples from the following units: Puritanism, the Enlightenment, Romanticism, Realism, Naturalism, and Modernism. Students read all works independently before class discussion. Class discussions focus on rhetorical analysis, interpretation, and evaluation; written reflection often follows discussions. Students are expected to demonstrate mastery of grammar and usage in their writing and to demonstrate higher level thinking skills in their oral and written assessments. Active participation in class discussions and in collaborative learning is paramount to student success. Students will complete an extensive research unit that culminates in a formal paper and oral presentation.

Advanced Placement (AP) Language and Composition

1 Credit – Full-Year Course

Students in this college-level course will read and analyze a challenging range of

literature to deepen their awareness of rhetoric and the workings of language. Using a chronological approach, students will examine the development of American thought through novels, short stories, and poetry. However, they will concentrate their efforts on the study of nonfiction readings that feature expository, analytical, and argumentative texts, both written and visual, so that they become skilled in identifying the author's purpose and audience and become appreciative of the nuances of language: syntax, diction, and tone. As part of this examination process, students will write descriptive, analytical, and persuasive essays, along with numerous shorter papers, all of which will require advanced critical thinking skills. In addition, they will write a college-level synthesis paper for which they integrate multiple sources. Finally, students will cultivate test-taking skills that will help them not only on the AP Language and Composition test but also in college.

English 12

1 Credit – Full-Year Course

Building upon skills covered in Survey, World, and American Literature, and Advanced American Literature, English 12 emphasizes persuasive writing, literary analysis, media adaptation, and vocabulary building. Students will study fiction and non-fiction bestsellers and traditional works, both long and short. Students will identify and analyze related themes in popular fiction and arguments in popular non-fiction by completing two independent reading projects. Discussions and writing assignments will emphasize analyzing, interpreting, and evaluating literature and supporting an original opinion. Students will also complete a literary research paper and develop practical writing and speaking skills necessary for college and business success.

Advanced English 12

1 Credit – Full-Year Course

Building upon skills covered in Advanced Survey, Advanced World, and Advanced American Literature, Advanced English 12 emphasizes persuasive writing, literary analysis, media adaptation analysis, media bias, and vocabulary building. Students will study fiction and non-fiction bestsellers and traditional works, both long and short. Students will identify and analyze related

themes in popular fiction and arguments in popular non-fiction. Students will also complete two independent reading projects. Discussions and writing assignments will emphasize analyzing, interpreting, and evaluating literature and media and supporting an original opinion. Students will also complete a literary research paper and develop reading, writing and speaking skills necessary for college and business success.

Honors British Literature

1 Credit – Full-Year Course

Building upon skills covered in Advanced and Honors American literature, Honors British literature is a comprehensive course that examines the evolution of British literature and thought. It emphasizes expository and persuasive writing, mastery of grammar and usage, elements of literature, and vocabulary building. In this writing-intensive and rigorously paced course, students will study representative samples from the following units: The Emergent Period, The Medieval Period, The Renaissance, The Restoration, The Romantic Period, The Victorian Period, and Modern literature. Students in the course read all works independently before class discussion. Class discussions focus on analysis, interpretation, and evaluation; written reflection often follows discussions. Students are expected to demonstrate mastery of grammar and usage in their writing and to demonstrate higher level thinking skills in their oral and written assessments. Active participation in class discussions and in collaborative learning is paramount to student success. Students will complete an extensive literary research paper based upon independent reading and teacher-approved novels to combine multiple primary texts with literary criticism. Emphasis will be placed on solidifying skills necessary for academic success in college.

Advanced Placement (AP) Literature and Composition

1 Credit – Full-Year Course

Advanced Placement Literature and Composition is a rigorous course offering students an opportunity to pursue college-level literary study in high school. Students will read and analyze works from a variety of genres, and active engagement in class discussion is expected. Following instruction in the schools of literary theory and other analytical and research techniques, students will apply those

lenses to the works studied. Timed writing and test-taking skills are examined and cultivated in preparation for the AP exam. A substantial poetry project, as well as a variety of shorter essays are required. Major works include *Wuthering Heights*, *The Chosen*, *A Raisin in the Sun*, *Othello*, *Hamlet*, *A Handmaid's Tale*, *Frankenstein*, *The Awakening*, *Invisible Man*, and *Death of a Salesman*: those works complemented thematically with poems and short stories. Students will actively participate in lit circles and after the AP test, students will complete an independent writing project.

LIT 165: Topics in Literature- Dual Enrollment

1 Credit – Semester Course- West Chester Univ.
A course designed to develop awareness of literature as being central to all the arts, to increase levels of literacy and critical faculties, and to broaden understanding of the human condition. This course emphasizes writing as a means of evaluation.

Eligibility Requirements: To be eligible to take this course, a student must be an academic senior and on track to graduate, have an overall GPA of 2.8, and a GPA average of 3.0 for their English classes. Students also need to have a recommendation from their English teacher. Students are expected to maintain a 2.0 (C-average) over the course of the semester.

Creative Writing

0.5 Credit - Semester Course

Creative writing for publication or personal satisfaction is the focus of this course. Students will examine and experiment with various elements of writing. The main focus of this class is the short story, through which students will work with elements such as setting, plot, characterization, and dialogue that they can then apply to other genres of writing. Students will read and analyze exemplary models, then create their original works. Collaborative editing and revision will be a part of the writing process. Students will submit a portfolio of original work at the conclusion of the course. This is an elective course and will not fulfill an English requirement.

Poetry

0.5 Credit - Semester Course

Students in this class will be expected to analyze, interpret, and discuss various forms of poetry. They will also be expected to create

original poetry in these many poetic styles following rules of rhyme, meter, and content. Collaborative editing and revision accomplished through work-shopping classes will be a major focus of the course. Students will submit a portfolio of original work at the conclusion of the course. This is an elective course and will not fulfill an English requirement.

Public Speaking

0.5 Credit - Semester Course

This activity-centered course focuses on the development of listening and speaking skills that students can apply to many other academic areas. Students will prepare and deliver original speeches of all types, including extemporaneous, impromptu, informational, and persuasive. Students will evaluate and critique each other and will also have the opportunity to evaluate themselves on videotape. This is an elective course and will not fulfill an English requirement.

Seminar: 1960s

0.5 Credit - Semester Course

This cross-disciplinary elective course is co-taught by members of the Social Studies and English departments. The seminar will focus on the decade of the sixties. A variety of literature from several genres will be studied with emphasis on the historical and cultural contexts of the works. Coursework will engage the student's ability to read independently, participate in class discussion, and deliver oral presentations. This is an elective course designed for students in grades 10, 11, and 12 only; it does not fulfill an English requirement.

ENGLISH LANGUAGE DEVELOPMENT (ELD) COURSES

Students whose first language is one other than English are eligible for support services through the ELD program. Eligibility is determined by the student's performance on the ACCESS English proficiency assessment (WIDA Screener) at the time of enrollment. The results will be used to place students into appropriate levels of English instruction. These courses will emphasize content vocabulary and skills necessary to be successful in all subject areas. In addition, courses will focus on the four language domains: listening, speaking, reading, and writing. The ELD program also offers support classes to ensure

that students are successful in their core classes.

The goal of the program is to increase the student's proficiency in English as quickly as possible so that he/she may succeed academically in all content areas.

Fluency 1

2 Credits – Full-Year Course

This course is for newly enrolled students whose first language is not English. Placement in this course is determined by the ACCESS English proficiency assessment (WIDA Screener). This course emphasizes the development of basic English language skills through listening, speaking, writing, and reading. Mastery of basic vocabulary and basic grammatical structures are taught through collaborative and cooperative learning. Each student's individual language needs are addressed.

Fluency 2

1 Credit – Full-Year Course

This ELD course emphasizes the development of basic language arts skills. Instruction in this course is delivered in pace and rigor with the linguistic ability. English grammar, basic writing skills, reading comprehension, public speaking, and vocabulary development are stressed in addition to focusing on the four basic language domains: listening, speaking, reading, and writing. A strong emphasis is placed on conversation and grammar acquisition to enable the students to be successful in all subject areas, such as Mathematics, Sciences, Social Studies, and Language Arts.

Fluency 3

1 Credit – Full-Year Course

This ELD course emphasizes the development of basic language arts skills. Instruction in this course is delivered in pace and rigor compared to Entering/Beginning with the linguistic ability. English grammar, basic writing skills, reading comprehension, public speaking, and vocabulary development are stressed in addition to focusing on the four basic language domains: listening, speaking, reading, and writing.

English Literacy 1

1 Credit – Full-Year Course

This course is for newly enrolled students whose first language is not English. Reading strategies, comprehension skills, and writing skills are emphasized in this course.

English Literacy 2

1 Credit – Full-Year Course

This English course is an extension of English Literacy 1 for students who need more language support with reading comprehension, writing skills, and reading strategies. This course is in preparation for students who will be entering Survey of Literature.

Enrichment

1 Credit – Full-Year Course

This ELD course is designed for ELLs who are actively enrolled in the program to provide intervention and enrichment in addition to refine writing, listening, speaking, and reading skills. The course aims to assist those students with study skills, tutoring, and bridging any gaps they may have to ensure that they are successful in their mainstream courses.

FINE ARTS COURSES

Materials fees are charged in all art classes. However, financial assistance is available for students for whom this fee would pose a hardship. Please see your guidance counselor or the principal for more information.

Introduction to Studio Arts

1 Credit – Full-Year Course

Lab Fee \$10.00

This course is an introduction to the elements and principles of design through the creation of two-dimensional artwork. Emphasis is on drawing, composition, proportion, and perspective. Students will learn techniques and experiment with various visual art media including graphite, charcoal, colored pencil, pastel, and paint while increasing their aesthetic awareness and learning about Art History and Visual Culture. This course is open to students in grades 9 – 12.

Advanced Studio Art I

1 Credit – Full-Year Course

Lab Fee \$20.00

Students may continue their study of art by enrolling in the Advanced Studio Art sequence (Grades 10-12). Advanced Studio Art students

will continue to increase their knowledge base of techniques and media introduced in Introduction to Studio Arts through further exploration of the elements and principles of design in the creation of two-dimensional artwork with emphasis on subject matter such as still life, portraits, landscapes, as well as drawing techniques. Students will continue to increase their knowledge base of media and techniques introduced in Introduction to Studio Arts such as graphite, charcoal, pastels, and paint. New specialized work will include commercial design concepts, still life, and color theory. Students will also continue to be exposed to art history. Students continuing their study of art at the advanced level should earn a minimum grade of C in the Introduction to Studio Arts course to continue to Advanced Studio Art I.

Honors Studio Art I

1 Credit – Full-Year Course

Lab Fee \$20.00

Students may continue their art education by enrolling in the Honors Studio Art sequence (Grades 11-12). Students will be challenged to improve their technical skills and artistic vision through teacher demonstrations of newly introduced art materials, media, and techniques specialized to Honors Studio Art through hands-on, practical experience. Students will enhance their skills in media introduced in previous art courses, as well as, an introduction to college level media and techniques. Students will use higher-order decision making skills to solve complex problems on a personal basis through the use of digital media, still life, portraiture, landscape, and design. Students will also continue to be exposed to art history in a variety of ways and critical thinking through the use of self-assessments. Students will also continue to be exposed to art history in a variety of ways. Assessments of works will be completed using rigorous criteria specified in project rubrics. Students must obtain a B in Advanced Studio Art I to be eligible for Honors Studio Art I.

Honors Studio Art II

1 Credit – Full-Year Course

Lab Fee \$20.00

Students may continue their art education in the Honors Studio Art II sequence. Students will continue to be challenged to improve their technical skills and artistic vision through teacher demonstrations of newly

introduced art materials, media, and techniques specialized to Honors Studio Art II through hands-on practical experience. Students will enhance their skills in media introduced in previous art courses, as well as, an introduction to college level media and techniques. Students will use higher-order decision making skills to solve complex problems on a personal basis through the use of digital media, still life, portraiture, landscape, and design. Students will also continue to be exposed to art history in a variety of ways and critical thinking through the use of self-assessments. Students will also continue to be exposed to art history in a variety of ways. Assessments of works will be completed using rigorous criteria specified in project rubrics. Students must obtain a B in Honors Studio Art I to be eligible for Honors Studio Art II.

Introduction to Graphic Design

0.5 Credit - Semester Course

Lab Fee \$10.00

This is a fundamental course in visual and graphic communication. The course begins with a foundation study in design elements and principles. Students will be introduced to multi-color design and printing, color and digital photography, as well as still and motion graphics using the Adobe products on state-of-the-art computer stations.

Advanced Graphic Design

0.5 Credit - Semester Course

Lab Fee \$10.00

This course expands upon the design principles studied in Introduction to Graphic Design. This course is a commercial Graphic Design class that parallels the work of Graphic Designers. The Macintosh computer will be used with Adobe's Design software products. Students will use creative Graphic Design techniques to create design projects. Final portfolios will demonstrate the total integration of message and content using the highest standards of Graphic Design.

Introduction to Digital Photography

0.5 Credit - Semester Course

Lab Fee \$10.00

This course is an introduction to basic principles of Digital Photography. Students will be introduced to the use of a digital camera and basic principles of composition and color. Editing techniques using Adobe Photoshop will be introduced and students will learn how to

store and organize photographs on a computer or similar storage device. Students will be printing photographs on color printers for photo quality results.

Advanced Digital Photography

0.5 Credit - Semester Course

Lab Fee \$10.00

This course expands upon the principles studied in Introduction to Digital Photography. Additional principles of composition and color and advanced editing techniques using Adobe Photoshop will be introduced. Students will be printing photographs on color printers for photo quality results.

Introduction to Ceramics

1 Credit – Full-Year Course

Lab Fee \$25.00

Introduction to Ceramics is a course that is available for students in grades 9-12 with no prerequisite needed. The focus will be basic clay work by learning the fundamentals of hand building. Students may try the pottery wheel at some point during the year, but the curriculum is based on hand built pots and sculptures. Discussion on tools, technique, glazing, and firing will be taught. Videos of ceramic art collections will be shown and Art History will be introduced. Introduction to Ceramics is a prerequisite for the Advanced level courses.

Advanced Ceramics

1 Credit – Full-Year Course

\$25.00 Lab Fee

Students may continue their study of ceramics by enrolling in the Advanced Ceramics class. The focus for the first year of Advanced Ceramics will be on hand built pots and sculptures as well as the introduction of the pottery wheel. Emphasis will be on the pottery wheel, creating functional pieces such as mugs, bowls, vases and dinnerware sets. Advanced discussion on tools, techniques, glazing and different firing methods in the ceramic world. Kiln operation and safety will be explained and demonstrated. Investigation and research on ceramic artists is expected and students will learn about Art History and Visual Culture.

Honors Ceramics III

1 Credit – Full-Year Course

\$25.00 Lab Fee

This is an accelerated, rigorous course designed to develop students' ability to create higher level learning projects. The focus will be on hand built pots, sculptures and the pottery wheel. By the third year of Ceramics, students have built a strong foundation of knowledge and will continue to work on more difficult techniques, with larger projects and pieces that take multiple steps. Different surface designs, such as slips, oxides, stains and underglaze will be introduced to enhance their final pieces. Handles, lids and spouts will be expected for some of their work. We will discuss decals, lusters and different firing temperatures and students will learn how to load and unload a kiln with the teacher. Investigation and research on ceramics artists is expected as students learn about Art History and Visual Culture.

Honors Ceramics IV

1 Credit – Full-Year Course

\$25.00 Lab Fee

This is an accelerated, rigorous course designed for students that have had Ceramics for all four years in high school. Focus will be on large sculptures, throwing multiples that match, and creating a body of work that will represent them as an artist. Research will be done and each student will meet with the teacher to discuss a plan for their final art show pieces. Students will showcase their best work at their own table at our art show with an artist statement written about their work. Prior knowledge of surface decorations, glazing and trimming will be used and expanded on throughout the year.

Concert Band

0.4 Credit – Full-Year Course

Band members will have the opportunity to learn and perform a variety of different styles of band music, including classics, marches, contemporary concert works, and some currently popular music. Each member is required to attend a weekly rotating sectional rehearsal during the school day. If a student is taking private lessons outside of school, adjustments to the rotating schedule can be made. In addition to the weekly rehearsals, attendance is also required at occasional evening rehearsals and concerts. Each student's grade is determined, in part, by attendance at these events. Membership is open to all woodwind, brass, and percussion students in grades 9-12. An audition may be required for those students new to the

instrumental music program or those who did not participate in the previous year.

Honors Symphonic Band

0.4 Credit – Full-Year Course

Prerequisite: By Audition Only

Honors Symphonic Band is an ensemble designed to give experienced instrumentalists the opportunity to improve their skills while working on challenging band literature in a broad range of styles. To be eligible for this ensemble, students must have been a member of Concert Band, or a similar ensemble, for at least a year, and demonstrate their abilities in an audition. Over the course of the year, students will be introduced to basic music theory, ear training, and sight reading, and they will concentrate heavily on technique-oriented playing. Students should be able to learn music quickly through a required home practice regimen. In addition to the lesson and performance requirements of Concert Band, students in Honors Symphonic Band will be required to take on additional responsibilities within the ensemble and are encouraged to audition for District Band and perform in the Spring Chamber Concert.

Marching Band

0.2 Credit - Marking Period 1 Only

The marching band performs the halftime show at home football games, does the pregame show at away games, participates in pep rallies, marches in all local Kennett parades, and competes in marching band festivals. Rehearsals begin in August in preparation for the football season. A five day band camp will take place one week before fall sports practices begin. The marching band is open to any woodwind, brass, or percussion player who is already enrolled in concert band or orchestra. Any student, regardless of experience, is welcome to be a member of the color guard. Grades are based primarily upon attendance at rehearsals and performances as well as each individual's knowledge of his/her responsibilities within the field show. Members are expected to purchase certain personal supplies/equipment that will be used in all performances. The marching band will perform more often and for larger audiences than any other performing ensemble.

Orchestra

0.4 Credit – Full-Year Course

Orchestra is open to all students who play a string instrument and have previously been

members of the orchestra at Kennett Middle or High School. Transfer students should arrange for a meeting with the director. Seats for wind, brass, and percussion students are limited in the orchestra and previous orchestra members will have priority. Students interested in participating on a wind, brass, or percussion instrument should contact the director before course selection is complete. Participation in the class will give students the opportunity to expand familiarity with a wide variety of orchestral music ranging from Baroque through contemporary styles. In addition to rehearsals during class time, occasional evening rehearsals and concerts are also required. String students are required to attend lessons that occur on a rotating basis during the school day. Grades are determined by rehearsal and lesson participation, playing tests, and concert attendance.

Honors Orchestra

0.4 Credit – Full-Year Course

Prerequisite: By Audition Only

Honors Orchestra is an ensemble designed to give experienced string players the opportunity to improve their skills while working on a wide variety of orchestral music ranging from Baroque through contemporary styles. To be eligible for this ensemble, string players must have been a member of Orchestra, or a similar ensemble, for at least a year, and demonstrate their abilities in an audition. Over the course of the year, students will be introduced to basic music theory, ear training, and sight reading, and they will concentrate heavily on technique-oriented playing. Students should be able to learn music quickly through a required home practice regimen. In addition to the lesson and performance requirements of standard Orchestra, students in Honors Orchestra will be required to take on additional responsibilities within the ensemble and are encouraged to perform in the Spring Chamber Concert.

Concert Choir

0.4 Credit – Full-Year Course

Concert Choir is open to any singers in grades 9–12 without audition or prerequisite. Concert Choir will prepare and perform a variety of repertoire of different periods, styles, and languages, as well as study vocal technique, music theory, and sight-singing. Performances will include the winter and spring concerts and

other community performances. Choir students are required to attend lessons that occur on a rotating basis during the school day. Rehearsals and concert performances outside of the school day are required.

String Instrument Techniques

0.4 Credit- Full Year Course

String Instrument Techniques is open to any member of the orchestra who plays a string instrument. The class will include studying and developing more advanced techniques, playing ensemble music, and additional coaching on music that is being rehearsed by the orchestra. Grades are based on participation and playing tests.

Honors Chorale

0.4 Credit – Full-Year Course

Prerequisite: By Audition Only

Honors Chorale is an ensemble designed to give experienced choral singers the opportunity to improve their skills while working on challenging choral literature in a broad range of styles. To be eligible for this ensemble, singers must have been a member of Concert Choir, or a similar ensemble, for at least a year, and demonstrate their abilities in an audition. Over the course of the year, students will be introduced to basic music theory, ear training, and sight singing, and they will concentrate heavily on technique-oriented singing. Singers should be able to learn music quickly through a required home practice regimen. In addition to the lesson and performance requirements of Concert Choir, students in Honors Chorale will be required to take on additional responsibilities within the ensemble and are encouraged to audition for District Chorus and perform in the Spring Chamber Concert.

Piano

0.5 Credit - Semester Course

Piano class is open to all students grades 9–12 without prerequisites. Students in this class will learn to play the piano, will learn how to read music, will also explore basic music theory, and perform in-class recitals.. No experience is necessary, but students who do have prior experience are also welcome. Students may enroll in this course multiple semesters.

Music Theory Fundamentals

0.5 Credit - Semester Course

Prerequisite: Piano class or one full year of a high school ensemble (choir, band, or orchestra)
Students will learn the mechanics of music, and develop musicianship through ear training and sight singing. Students need to be able to read music in at least one clef, and have a basic knowledge of scales and key signatures. This class serves as a prerequisite for AP Music Theory.

Advanced Placement (AP) Music Theory

1 Credit – Full-Year Course

Prerequisite: Music Theory Fundamentals, or Teacher Approval

The AP Music Theory course is taught at a pace and depth equal to a college level music theory class. The course develops a student's ability to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a musical score. The curriculum covers a wide range of analytical and compositional skills as well as ear training and sight singing. The course also includes creative tasks, such as the harmonizing of a melody by selecting the voicing for appropriate chords, composing a musical bass line to provide two-voice counterpoint, or the realization of figured bass notation. This course will prepare students for successful completion of the AP Music Theory examination.

HEALTH AND PHYSICAL EDUCATION COURSES

Health Education

0.5 Credit - Semester Course

Health is required for all Kennett High School students and is usually scheduled in the ninth grade. Health is divided into four areas of concentration:

- Family Life and Sex Education
- Personal Health
- Drugs, Alcohol and Tobacco
- Intentional and Unintentional Injuries

This course empowers students to make proper decisions regarding their health and their future. Refusal and assertiveness skills are refined while learning to make healthy life choices. All students learn basic first aid skills in preparation for an emergency.

Advanced Health

0.5 Credit - Semester Course

This course is a required health class for tenth graders. Emphasis is placed on applying the health facts and skills previously learned in order to make proper health choices. Updated information is presented on HIV/AIDS, nutrition, and drugs and alcohol. Strategies are learned to manage stress, identify depression, and recognize signs of abuse and harassment. Students will analyze their overall wellness, stress management techniques, and learn situational awareness skills. The course is designed to promote the development of health literate adults.

Physical Education (Grades 9 and 10)

0.5 Credit - Semester Course

Physical Education is designed to provide a program which will help the students acquire the skills and self-confidence they need to participate in a wide variety of physical activities and lifetime fitness. The program is designed to encourage behavior that is socially responsible and respects the differences among people in physical activity. Students are scheduled for physical education during their freshman and sophomore years.

Introduction to Sports Medicine

0.5 Credit - Semester Course

Detailed information on specific athletic injuries is presented while learning human anatomy and joint movement. Students will learn how to recognize and treat common athletic injuries. This elective course is excellent preparation for students considering a career in general medicine/nursing, sports medicine, physical therapy, physical education or recreation. It is designed for students in grades 11 and 12; 10th graders may enroll with teacher recommendation.

Strength and Conditioning

0.5 Credit - Semester Course

The Strength and Conditioning course is an activity course that allows students to develop general and sport specific training using a variety of methods. Students will experience a wide variety of weightlifting activities and participate in workouts designed to improve aerobic and anaerobic conditioning, abdominal strength and overall muscular strength. All workouts are appropriate for general physical conditioning and geared towards the individual needs of the student. Similarly, workouts are designed

with sports in mind so that athletes participating on teams may improve their conditioning during out of season periods or in season periods. Prerequisite: Successful completion of 9th and 10th grade physical education courses.

Extreme Physical Education

0.5 Credit - Semester Course

This elective course is designed for students who have a STRONG interest in physical education and recreation. Students will be challenged with a wide variety of activities from team sports, fitness and conditioning, to individual lifetime sports. This course will explore various topics and activities not covered in a traditional physical education program. This is an excellent elective for students who love physical activity and competition. Prerequisites: Successful completion of physical education in grades 9 and 10 and a teacher recommendation.

MATHEMATICS COURSES

All students are encouraged to follow the most challenging course of study. Since mathematics is a subject that is best learned by practicing, homework is routinely assigned. Completion of assigned work is essential to success. In every course, students are required to use technology and to communicate orally and in writing. All courses include applications to problem solving. A graphing calculator is recommended for all courses. Students enrolling in any class must have a teacher recommendation that is based on a combination of standardized test scores, student preparedness for the curriculum, and grades in prior courses.

Essentials of Mathematics

1 Credit – Full-Year Course

This course is designed to introduce students to essential mathematical skills in order to be successful in future high school mathematics courses. Topics include basic skills, measurement, algebraic concepts and applications of problem solving, with an emphasis on learning mathematical language in English as well.

Pre-Algebra

1 Credit – Full-Year Course

This course is designed to build upon students' understanding of proportional reasoning and essential mathematical skills necessary for success in Algebra I. Topics include data,

integer, fraction and decimal operations, algebraic concepts, use of formulas and measurement, and graphing in the coordinate plane.

Algebra I part 1

1 Credit – Full-Year Course

This course emphasizes building strong foundational skills in the first half of algebra to ensure success in future high school mathematics courses. Among the topics developed are number relations, polynomial expressions, solution of equations and inequalities, use of formulas, probability and statistics.

Algebra I part 2

1 Credit – Full-Year Course

This course follows the Algebra I part 1 course and emphasizes building strong foundational skills in the second half of algebra to ensure success in future high school mathematics courses. This course focuses on graphing and applications of Algebra.

Advanced Algebra I

1 Credit – Full-Year Course

This course is designed to provide the background necessary as an introduction to a college preparatory mathematics program. Among the topics developed are number relations, polynomial expressions, solution of equations and inequalities, use of formulas, probability and statistics, and graphing. The emphasis at this level is on linear and quadratic relations.

Integrated Mathematics

1 Credit – Full-Year Course

This course is designed to provide students with language difficulty a way to learn Geometry as well as other secondary mathematics topics in an integrated format. The course is divided into four topics: Functions, Geometry, Statistics, and Probability.

Geometry

1 Credit – Full-Year Course

This course is designed for students who have completed Algebra I. It is a fundamental study of the concepts and applications of geometry. Attention is given to helping students understand the nature of deductive and inductive reasoning, the role of definitions and undefined terms, and the meaning of logical sequence.

Advanced Geometry

1 Credit – Full-Year Course

This course is a fundamental study of the concepts and applications of geometry. Attention is given to helping students understand the nature of deductive and inductive reasoning, the role of definitions and undefined terms, and the meaning of logical sequence. This course sequentially follows Advanced Algebra I in the mathematics program.

Honors Geometry

1 Credit – Full-Year Course

This course is a rigorous study of the concepts and applications of geometry. The role of definitions and undefined terms, the nature of deductive proof and deductive reasoning and the meaning of logical sequence are stressed. An axiomatic approach is used with emphasis on the development of formal proof. This is the initial course in the mathematics honors program. Students enrolled in this course must have demonstrated superior performance in prior mathematics courses. (This course will be offered when enrollment warrants - every other year.)

Algebra II

1 Credit – Full-Year Course

This course adopts a fundamental approach to a standard Algebra II course with emphasis on basic skills and techniques. Topics include probability, statistics, linear systems, quadratics methods, polynomials, rational expressions, and exponential functions. Additional topics may include radical equations, sequences and series, and matrices. This course sequentially follows Geometry.

Advanced Algebra II

1 Credit – Full-Year Course

This course builds on Algebra I concepts and explores the characteristics and behaviors of polynomial functions. Students solve polynomial, rational and radical equations, polynomial inequalities, and linear systems. They are introduced to complex numbers, matrices, probability and data analysis, and exponential and logarithmic equations. Additional topics may include an introduction to sequences and statistics. This course sequentially follows Advanced Geometry in the mathematics program.

Honors Algebra II

1 Credit – Full-Year Course

This course is a rigorous, comprehensive approach to second-year algebra. Critical thinking is emphasized through graphing and creative problem solving. Topics include complex numbers, matrices, mathematical modeling, conic sections, probability and statistics, and sequences and series. Students explore the characteristics and behaviors of various types of functions and solve polynomial, rational, and radical equations, polynomial inequalities, linear systems and exponential and logarithmic equations. This course is designed for students that have demonstrated exceptional ability in their Algebra 1 course work.

Pre-Calculus

1 Credit – Full-Year Course

This course will build on students' prior mathematical knowledge and help bridge the gap between advanced mathematical topics and the practical application of mathematics in our everyday society. A focus on problem solving, using a wide range of strategies will be emphasized. The first semester topics include solving and graphing equations and inequalities, factoring and solving polynomials, exponential and logarithmic functions. Trigonometry is studied in the second semester and the topics include solving problems involving triangles, working with equations and expressions that include trigonometric ratios, applying trigonometric concepts to the Cartesian coordinate plane and graphing trigonometric functions.

Advanced Pre-Calculus

1 Credit – Full-Year Course

This course is designed as a preparation for students who plan to take calculus at the high school or college level. Topics include set theory, the algebra of functions, polynomial, exponential, logarithmic, and trigonometric functions, applications of trigonometry, and conic sections. Additional topics may include matrices, sequences and series, and probability. This course is designed for students who have demonstrated strong abilities in both Advanced Geometry and Advanced Algebra II in the mathematics program.

Honors Pre-Calculus

1 Credit – Full-Year Course

This course is a rigorous, comprehensive preparation for the study of AP calculus. Topics include multiple problem-solving techniques, the algebra of functions, algebraic and transcendental functions, applications of

trigonometry, power series, limits, polar coordinates, polar equations, vectors, and probability distributions. Emphasis is placed on graphing functions. This course follows Honors Algebra II and Honors Geometry.

Calculus

1 Credit – Full-Year Course

This course is designed for those students who have successfully completed the Advanced Mathematical Analysis course and wish to further prepare for college mathematics. It does not qualify a student for the Advanced Placement Calculus examination. Topics include a review of functions and graphing, limits, basic techniques of differentiation and integration, and applications to problem solving.

Advanced Placement Calculus AB

1 Credit – Full-Year Course

This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are stressed. Topics of limits, continuity, derivatives, antiderivatives, integrals, approximations, and applications and modeling are developed using various types of functions. This course sequentially follows Honors Mathematical Analysis. A score of 3 or higher on the Advanced Placement Calculus AB examination may earn the student one semester of college credit.

Advanced Placement Calculus BC

1 Credit – Full-Year Course

This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. The connections among these representations also are stressed. Topics of limits, continuity, derivatives, anti-differentiation, integrals, L'Hopital's Rule, integration by parts and simple partial fractions, improper integrals, arc length, polynomial approximations and series, and applications and modeling are developed using various types of functions including parametric, polar and vector functions. A score of 3 or higher on the Advanced Placement Calculus BC examination may earn the student one or more semesters of college credit.

Mathematics of Financial Literacy

1 Credit – Full-Year Course

In this course, students gain the knowledge and skills required to make sound financial decisions and manage their own personal finances. The lessons are designed to engage students in critical thinking, problem solving, and decision-making. The course and its resources provide students with useful skills, related to mathematics and personal finance, that students will continue to use for the rest of their adult lives. This course follows the Algebra II course and is designed for seniors who do not intend to enroll in a four-year college directly after high school, or who intend to enter the workforce directly from high school.

Statistics

1 Credit – Full-Year Course

This course is designed for students who have completed an Algebra II course and who wish to further prepare for college mathematics. Students develop their abilities to model problems using statistics and probability, apply technology, use and analyze algorithms, think recursively, and use mathematics to make decisions. Topics include the mathematics of problem solving, probability, and statistics, mathematical modeling and analytics. It will enable students to understand statistics used in daily life and read statistical information critically.

Advanced Statistics

1 Credit – Full-Year Course

This course is designed for those students who have successfully completed the Advanced Algebra II and/or Advanced Mathematical Analysis course and wish to further prepare for college mathematics. It does not qualify a student for the Advanced Placement Statistics examination.

This course will include statistical topics such as graphical representations of data, analysis of variance, regression and correlation, probability, and the normal distribution. It will enable students to understand statistics used in daily life and read statistical information critically.

Advanced Placement Statistics

1 Credit – Full-Year Course

This course is a non-calculus based introductory course in statistics that may be chosen as an elective or as a senior mathematics course. The course is a college level course and demands good reading and writing skills. Students planning collegiate studies in the physical or social sciences should consider taking this course. The course focuses on four conceptual

themes: exploring data, planning a study, anticipating patterns, and inferring from statistics. Students enrolling in this class must have successfully completed or be concurrently enrolled in Mathematical Analysis. A score of 3 or higher on the Advanced Placement Statistics exam may earn the student one semester of college credit.

Advanced Placement Computer Science A

1 Credit – Full-Year Course

This course is designed to give students an understanding of computer programming in preparation for the AP Computer Science A examination. Programming work outside of class is required. Course topics include: programming methodology using Java, object oriented programming, algorithm development, arrays and loops. Students enrolled in this course should have strong Algebra II skills coupled with both an aptitude for and interest in problem solving.

Advanced Placement Computer Science Principles

1 Credit – Full-Year Course

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP Computer Science Principles exam for college credit. This course counts as an elective and not towards a credit in mathematics.

MEDIA COMMUNICATIONS COURSES

Media Production

0.5 Credit - Semester Course

Lab Fee \$5.00

This introductory multimedia course will teach students how to create dynamic video projects. Students will go on location throughout the school to create videos of varying styles and purposes. They will have access to and gain experience in the TV studio, the Premiere Pro editing lab, high definition camcorders, tripods, sound recording equipment and more. In addition to learning how to use semi-professional equipment to create different forms of content, they will also learn how to write scripts, prepare storyboards and work as a member of a team. Students will analyze the media that they find themselves surrounded by

every day to create high quality projects of their own. Videos made in this class will range from artistic visual expressions to commercials for KTV to music videos and more. This class is open to all students regardless of grade.

Advanced Media Production

0.5 Credit - Semester Course

Lab Fee \$5.00

Prerequisite – Either Media Production OR Introduction to Digital Journalism

This class will allow students who now have a background in media production to further their production skills and editing techniques. Students in this class will be largely self-directed, creating projects of their choice that speak most to who they are as artists. Students in this class will have the opportunity to create productions for KTV, for our school and for our district, ensuring an audience will see their work. They will strive to shoot broadcast quality video and edit professionally using Adobe's Premiere Pro software. During the semester students will be asked to multitask on projects and will work independently as well as a member of a team. Students in this class will get experiences similar to professionals in the video production field.

Introduction to Digital Journalism

0.5 Credit - Semester Course

Lab Fee \$5.00

Students in this class learn the principles of journalism, including journalistic etiquette and integrity. They will learn how to conduct research, make contacts, check facts and conduct interviews. Students will then learn how to turn all of that raw information into a well-crafted and well-written news story. Additionally, they will learn the importance of pairing news stories with video and still images in our 21st century world. They will apply all of these skills to multiple journalistic outlets, including newspaper, web, and magazine articles, broadcast and photo journalism, and social media platforms. Projects include interviews, on-location news stories, photojournalism portfolios, and social media style posts. Some student work may be featured on KTV and the Blue Demons student journalism website.

Advanced Digital Journalism

0.5 Credit - Semester Course

Lab Fee \$5.00

Prerequisite – Introduction to Digital Journalism
Students will build on the skills they acquired in the introductory class by continuing to develop as journalists. Students in this course will learn how to operate TV studio equipment and create a live news broadcast. They will apply their writing and production skills to new types of news stories, like a human interest piece. Students will also learn how to create opinion based journalism, like editorials or art reviews, where they use strong research skills to craft arguments that back up their position. Once again, in all cases, they will learn how to best pair their stories with video and still images that appeal to a 21st century audience. Projects for this class will be featured on KTV and the Blue Demons student journalism website.

Filmmaking

0.5 Credit - Semester Course

Lab Fee \$5.00

Students in this course will learn the complete process of making a short film. Each stage of production will be fully explored, including screenwriting, storyboarding, cinematography, and editing. Every student in the class will have the opportunity to develop and produce their own story in any genre. It has been said that making movies is a collaborative process, so in addition to their personal film, students will learn how to work together on a longer film as part of a group. During this project, students will also learn about marketing films, by producing a poster and trailer to accompany their finished film. Students will use high definition digital cameras, tripods, and boom microphones. They will also learn to edit using Adobe's Premiere Pro software.

Film Theory and Criticism

0.5 Credit - Semester Course

Students will be introduced to critical analysis of film through an examination of classic and contemporary film theory. Through a historical exploration of cinema over the last 100+ years, they will begin to recognize how filmmakers use formal cinematic elements, such as cinematography and editing, to create meaning and engage the audience. They will learn how to "read" a film as they would a piece of literature, breaking scenes down into their component parts and exploring how each element of the film is specially chosen and used

with purpose. Students will put these new skills to use by viewing films through a critical lens and learning how to read, write, and discuss the art form. Each unit, students will view selected clips, read assigned articles, view a feature film, participate in a class discussion and write a brief response to the themes explored in that unit. The final exam will be a paper, not a test.

STEM COURSES

STEM courses are challenging and the grades earned in these courses will be weighted with an additional .5 quality point.

Engineering Essentials (EE)

1 Credit – Full-Year Course

Students explore the breadth of engineering career opportunities and experiences as they solve engaging and challenging real-world problems like creating a natural relief center system or creating a solution to improve the safety and well-being of local citizens.

Introduction to Engineering and Design (IED)

1 Credit – Full-Year Course

Designed for 10th grade students after Engineering Essentials, the major focus of IED is the design process and its application. Through hands-on projects, students apply engineering standards and document their work. Students will use industry standard 3D modeling software to help them design solutions to solve proposed problems, document their work using an engineer's notebook, and learn how to communicate solutions to peers and members of the professional community.

Principles of Engineering (POE)

1 Credit – Full-Year Course

Designed for 10th or 11th grade students (but also open to seniors), this survey course exposes students to major concepts they'll encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. You will develop problem-solving skills and apply your knowledge of research and design to create solutions to various challenges, document their work and communicate solutions. Ideally, students will have been exposed to trigonometry prior to enrolling in this course.

Civil Engineering and Architecture (CEA)

1 Credit – Full-Year Course

An advanced STEM course designed for students who have completed the (IED) and (POE) STEM courses. Students in this course will learn important aspects of building and site design & development. They will apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software. Students requesting this course should have a strong foundation in algebra and geometry.

Aerospace Engineering (AE)

Will not be offered in 2024-25 SY

1 Credit – Full-Year Course

An advanced STEM course designed for students who have completed the (IED) and (POE) STEM courses. This course provides a broad overview of aeronautical engineering, avionics, and space exploration. Through lectures, group activities, and hands-on projects, students will learn about the evolution of flight, the physics of flight, navigation, materials & structures, orbital mechanics, and space exploration. A variety of software applications, including Inventor, Powerpoint, Excel, and RobotC, are utilized.

Digital Electronics (DE)

1 Credit – Full-Year Course

An advanced STEM course designed for students who have completed the (IED) and (POE) STEM courses. From smartphones to appliances, digital circuits are all around us. This course provides a foundation for students who are interested in electrical engineering, electronics, or circuit design. Students study topics such as combinational and sequential logic and are exposed to circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices. STEM courses are challenging and the grades earned in these courses will be weighted with an additional .5 quality point

Computer Science Essentials

1 Credit – Full-Year Course

Students will experience the major topics, big ideas, and computational thinking practices used by computing professionals to solve problems and create value for others. This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science

SOCIAL STUDIES COURSES

The Kennett High School Social Studies Department course sequence is: World Studies I, World Studies II, American Studies, Economics and American Government.

Student placement regarding course level depends upon previous student performance (grade) and teacher recommendation. All students will conference with their Social Studies teacher during course selection day to determine suitable placement.

Honors and Advanced Placement courses are designed for students seeking high-level academic challenge and are substantially more rigorous in terms of level and quantity of material covered than advanced or regular level courses. Students seeking consideration for placement in Honors or AP courses need to have good academic standing (consistent grades of B or higher) and their current teacher's recommendation. In these courses students are expected to manage an increased load of independent work and learn at an accelerated pace. They will be required to apply, analyze and synthesize course content cumulatively and to demonstrate learning through in-depth writing assignments and multiple modes of assessment.

World Studies I

1 credit – Full-Year Course

World Studies I is designed to prepare freshmen for the demands of high school. Using a chronological-thematic approach, students will study the growth of western civilization starting in 1300 C.E with the Renaissance and follow that development to the present. The course compares political, economic, cultural, and social developments primarily in Europe and follows the impact Europe had on civilizations around the globe. Placement will be determined through a combination of standardized test scores, teacher recommendations, and grades. Freshmen are expected to enroll in this course.

Advanced World Studies I

1 credit – Full-Year Course

The Advanced World Studies I course is an academically challenging course designed to develop reading, writing and analytical skills to prepare students for advancement to the rigors

of an honors course load. Using a chronological-thematic approach, students will study the growth of western civilization starting in 1300 C.E with the Renaissance and follow that development to the present. The course compares political, economic, cultural, and social developments primarily in Europe and follows the impact Europe had on civilizations around the globe. Placement will be determined through a combination of standardized test scores, teacher recommendations, and grades. Freshmen are expected to enroll in this course.

Honors World Studies I

1 credit – Full-Year Course

The Honors World Studies I course is a high paced, demanding course requiring extensive reading, writing and analytical integration of information that follows a chronological approach to understanding historical events. Students will study the growth of western civilization starting in 1300 C.E with the Renaissance and follow that development to the present. The course compares political, economic, cultural, and social developments primarily in Europe and follows the impact Europe had on civilizations around the globe. Honors status will be determined through a combination of standardized test scores, teacher recommendations, and a grade of B or higher in prior courses. Freshmen are expected to enroll in this course.

World Studies II

1 credit – Full-Year Course

World Studies II is designed to provide students with the ability to grasp the connection between regions and cultures. The course focuses on both physical and human geography and provides students with the global perspective needed to understand the interconnected world today. Regions of study will include Latin America, Middle East, Africa, Asia, and the Indian Subcontinent. Political, economic, cultural and social aspects of each region will be explored. Sophomores are expected to enroll in this course.

Advanced World Studies II

1 credit – Full-Year Course

Advanced World Studies II course is an academically challenging course designed to develop reading, writing and analytical skills to prepare students for advancement to the rigors of an honors course load. It is

designed to provide students with the ability to grasp the connection between regions and cultures. The course focuses on both physical and human geography and provides students with the global perspective needed to understand the interconnected world today. Regions of study will include Latin America, Middle East, Africa, Asia, and the Indian Subcontinent. Political, economic, cultural and social aspects of each region will be explored. Placement will be determined through a combination of standardized test scores, teacher recommendations, and grades. Sophomores are expected to enroll in this course.

Honors World Studies II

1 credit – Full-Year Course

Honors World Studies II course is a high paced, demanding course requiring extensive reading, writing and analytical integration of information. It is designed to provide students with the analytical ability to understand the connections between regions and cultures. The course focuses on both physical and human geography and provides students with the global perspective needed to understand the interconnected world today. Regions of study will include Latin America, Middle East, Africa, Asia, and the Indian Subcontinent. Political, economic, cultural and social aspects of each region will be explored. Honors status will be determined through a combination of standardized test scores, teacher recommendations, and a grade of B or higher in prior courses. Sophomores are expected to enroll in this course.

American Studies

1 credit – Full-Year Course

This course about the American experience in the 20th Century considers the social, political, and economic history of the United States from its rise as a world power (c. 1900) through contemporary times. Emphasis is placed on the interpretation of important events, social forces, and economic conditions in the first half of the century. The relationship of these topics to contemporary issues and problems is also considered. Unit topics include: America as an immigrant nation, the Progressive era, the issues of war and peace (World War I), a changing American society during the Twenties, the Great Depression and New Deal in reshaping America, the background and beginnings of World War II,

the dawn of the Nuclear Age, The Cold War and McCarthyism, American life in the 1950's and 1960's, The Civil Rights Movement, the Kennedy and Johnson Years, the war in Vietnam, the Watergate Era, and Contemporary America. This course is designed for students in their junior year.

Honors American Studies

1 credit – Full-Year Course

The units and themes that comprise Honors American Studies are closely aligned with American Studies. However, students taking this course are expected to respond to the challenge of a faster-paced and more rigorous examination of the American experience that includes extensive writing, independent reading, and comprehension of a variety of texts. The course also demands that students be prepared to survey a broader period of American history than does American Studies. Beginning with its emergence from the ashes of the Civil War and ending with the formative years of a new century, this course analyzes the social, political, and economic history of the United States. Topics include Reconstruction, the American West, America as an immigrant nation, the Progressive Era, World War I, the Roaring Twenties, the Great Depression and the New Deal, World War II, American life in the 1950s and 1960s, the Watergate Era, the Reagan Era, and America's role in the 21st century. Honors status will be determined through a combination of standardized test scores, teacher recommendations, and a grade of B or higher in prior courses. This course is designed for students in their junior year.

Advanced Placement (AP) United States History

1 credit – Full-Year Course

This college-level course requires an in-depth, concentrated study of American history since colonial times. Superior reading, writing, and study skills are required. The course is designed to provide each student with the background necessary for the College Board Advanced Placement examination. Advanced Placement US History will fulfill the American Studies social studies requirement junior year. Summer reading and written assignments are required. These assignments are given to students in June and are due upon return to school. Placement in this college level course adheres to the department standard for

student placement outlined under General Guidelines.

Economics

0.5 Credit - Semester Course

Economics is a course designed to give students a working knowledge of macroeconomic topics. These topics include basic economic terminology, economic systems, general theory, economic indicators, stabilization policies of government institutions, and international trade. Some coverage of "survival" economics concerning credit and investing will also be included. As we cover these topics a major focus will include economically related social and political issues pertinent to our country and the world today. This course will fulfill the Social Studies economics requirement for seniors.

Honors Economics

0.5 Credit - Semester Course

Honors Economics is a challenging, rigorous examination of macroeconomics. Focus will be placed on the Federal Reserve, monetary policy, fiscal policy, unemployment, inflation, financial markets, and globalization. Admission to Honors Economics will be determined through a combination of standardized test scores, teacher recommendations, and grades. This course is designed for students in their senior year and fulfills the Social Studies economics requirement.

Advanced Placement (AP) Macroeconomics

0.5 Credit - Semester Course

AP Macroeconomics is an introductory college-level course that focuses on the principles that apply to an economic system as a whole. The course places particular emphasis on the study of national income and price-level determination; it also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. Students learn to use graphs, charts, and data to analyze, describe, and explain economic concepts. This course is designed for students in their senior year and fulfills the Social Studies economics requirement.

American Government

0.5 Credit - Semester Course

An understanding of how our government operates is necessary for effective citizenship in a changing world. This course takes a comprehensive look at the rights and duties of living in a free society and the knowledge required to make effective decisions as citizens. Units include: the organization of the American government, the operation of the political process, protections of freedoms under the Bill of Rights, influences upon public policy, and the operation of the Congress, the President, and court system. This course is designed for students in their senior year and fulfills the Social Studies American Government requirement.

Honors American Government

0.5 Credit - Semester Course

Honors American Government involves a challenging, rigorous examination of how our government works. This course takes a comprehensive look at the rights and duties of living in a free society and the knowledge required to make effective decisions as citizens. Units include: Historical Foundations; the Constitutional Convention, the Constitution, Bill of Rights and subsequent Amendments; Political Ideology; Civic Duty and Political Behaviors; the Institutions of our Government; Campaigns and Elections; and Landmark Supreme Court case decisions. Admission to Honors American Government will be determined through a combination of standardized test scores, teacher recommendations, and grades. This course is designed for students in their senior year and fulfills the social studies American Government requirement.

Advanced Placement (AP) United States Government and Politics

0.5 Credit - Semester Course

This college-level course is designed to provide motivated students with an analytical perspective on government and politics in the United States, including both the study of general concepts used to interpret U.S. government and politics as well as investigation of specific examples. The course is intended to provide students with the skills and information to prepare them for the Advanced Placement exam in May. Units of study include Foundations of American Democracy, Interactions Among Branches of Government, Civil Liberties and Civil Rights, American Political Ideologies and Beliefs, and Political Participation. Advanced

Placement United States Government and Politics is taken during senior year and fulfills the social studies American Government requirement. Due to the nature of the course, summer reading and work will be assigned and is expected to be completed prior to the first day of class. Placement in this college-level course adheres to the department standard for student placement outlined under General Guidelines

Advanced Placement (AP) Comparative Government

0.5 Credit - Semester Course

AP Comparative Government and Politics introduces students to the rich diversity of political life outside the United States. The course uses a comparative approach to examine the political structures; policies; and the political, economic, and social challenges among six selected countries: Great Britain, Mexico, Russia, Iran, China, and Nigeria. Additionally, students examine how different governments solve similar problems by comparing the effectiveness of approaches to many global issues. This is an elective course and will not fulfill a Social Studies requirement.

Advanced Placement (AP) European History

1 Credit – Full-Year Course

Advanced Placement European History offers motivated students the opportunity to pursue college-level study in high school. In this course, students acquire an in-depth knowledge of the events and movements that occurred in Europe from approximately 1450 to the present. These events and movements are explored through three themes: intellectual and cultural history, political and diplomatic history, and social and economic history. In addition, students learn how to analyze historical documents and how to express their historical understanding in writing. The course is designed to prepare students for the Advanced Placement exam in May. Advanced Placement European History is an elective course intended for students in grades 10 - 12. Placement in this college level course adheres to the department standard for student placement outlined under General Guidelines.

Advanced Placement (AP) Psychology

1 Credit - Full Year Course

The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals.

Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Placement in this college level course adheres to the department standard for student placement outlined under General Guidelines. This is an elective course intended for students in grades 11 and 12 and will not fulfill a Social Studies requirement.

Seminar: 1960's

0.5 Credit - Semester Course

This cross-disciplinary elective course is co-taught by members of the Social Studies and English Departments. The seminar will focus on the decade of the sixties. A variety of literature from several genres will be studied, with emphasis on the historical and cultural contexts of the works. Coursework will engage the student's ability to read independently, participate in class discussion, and deliver oral presentations. This is an elective course designed for students in grades 10, 11 and 12 and will not fulfill a Social Studies requirement.

Sociology

0.5 Credit - Semester Course

This course focuses on concerns for thoughtful change in dealing with the social challenges of contemporary American society and how to gain a better understanding of society and ourselves. Designed as an introductory course, Sociology gives you a broad picture of the field of Sociology with an emphasis on critical thinking, and cooperative learning. Topics include: culture, the class system, women and minorities in American society, education, poverty, crime and punishment. As a subject, Sociology does not claim to provide solutions to complex social issues, but provides a framework for investigation, analysis, and outcomes. Sociology is an elective course intended for students in grades 10, 11 and 12 and will not fulfill a Social Studies requirement.

Psychology

0.5 Credit - Semester Course

This course is designed to acquaint the student with the basic understandings about human behavior: why we think and act as we do. Among the topics considered are: the concept of "self," common sense and scientific proof, sex roles, maturation, socialization, and

motivation. The purpose of this course is not to solve personal problems or to undertake psychoanalysis, but to introduce the study of human behavior. A variety of demonstrations, media, group activities, and readings will be used to explore course content. This is an elective course intended for students in grades 10, 11 and 12 and will not fulfill a Social Studies requirement.

World War II

0.5 Credit - Semester Course

This course is designed for students who want an in-depth analysis of World War II. The course will begin with a look at the causes of World War II with the rise of fascism and conclude with the Japanese surrender aboard the U.S.S. Missouri ending World War II. The class will cover the military engagements in both the European and Pacific Theatres of the war. Military history will only be one facet of the class; other components to be discussed will be social, political, geographical, economical, and moral ramifications of World War II. Students who take the course will be eligible to take part in the WWII class trip to London, Normandy, Paris, Munich, Nuremberg, and Salzburg offered every other year. This elective course is open to all students and will not fulfill a Social Studies requirement.

Current Events

0.5 Credit - Semester Course

Current Events is a one-semester elective course structured to give the students an understanding of current issues that are facing the world in which we live. Topics will change on a daily basis for the entirety of the course and will range from local, domestic and international issues that help shape our world. Students will use news sites, magazines and other periodicals to discuss the current issues. Students are expected to visit news websites or watch the news every day in order to better participate in class and online discussion. Since the course changes day to day and semester to semester, students may take the course as many times as they would like and receive credit for the course. This elective course is open to all students and will not fulfill a Social Studies requirement.

The History of Kennett Square

0.5 Credit - Semester Course

During this elective semester course, students will learn the history of the local community in

and around Kennett Square and develop soft skills for employment in the tourism and real estate industry. This course will develop a deeper and more pointed mastery of American History standards focusing on the local community while also incorporating standards aligned with business, career readiness and common core standards for reading & writing in a social studies class. Long term, this course serves to be a springboard for students interested in the Tourism and Real Estate KHS Degree Program. This program is designed to educate students and provide them with the skills necessary to enter into Kennett's tourism industry or into a career related to real estate. The skills that would be introduced in this course and honed over four years include marketing, personalization & people skills, negotiation, teaching & communication, knowledge of local laws, application of modern technology, and knowledge of community.

Media in the Digital Age

0.5 Credit - Semester Course

The goal of this course is to teach students how to successfully analyze, access, evaluate, create, and participate in media in order to make informed decisions. This course will begin with an introduction of key concepts and an overview of the history of mass media followed by a focus on learning and applying media literacy skills. This part of the course will focus largely on practicing and analyzing media. It will include a mix of lecture-style, videos, critical thinking questions, teacher-led practice, group work, and individual practice. The final part of the course will focus on a media literacy research project where students will apply what they have learned from the course to a research topic of their choice. This will be scaffolded to allow for the project to be completed in smaller steps and then graded with a rubric. This course will give students the necessary knowledge and skills needed to successfully use these skills in their everyday lives to evaluate media that surrounds them constantly.

SCIENCE COURSES

The Kennett High School science sequence is: Earth and Space Science, Biology, Chemistry, Physics. Student placement regarding course level depends upon previous student performance and teacher recommendation. All

students will conference with their science teacher during the course selection process to determine suitable placement.

Core General Science

1 credit – Full-Year Course

This course focuses on the core concepts of all the sciences and is designed to meet the needs of ELL newcomers and Level 1 & 2 ESL students. Students will survey the four major areas of Science: Earth & Space, Biology, Chemistry, and Physics, and explore the methods by which scientists understand the earth and the universe. Reading comprehension, written and verbal communication skills will be developed and reinforced while the students gain proficiency in scientific content knowledge and methods. Students will participate in laboratory experimentation, projects involving both hands-on and on-line activities, interactive lectures and discussions throughout this course.

Conceptual Earth and Space

1 credit – Full-Year Course

This course surveys the basic framework of topics including: Geology, Oceanography, Meteorology, Astronomy, and Environmental Science. Students will connect with current events and topics covered in class. Work will include use of textbooks, participation in group and individual projects, and lab activities.

Earth and Space

1 credit – Full-Year Course

This is a comprehensive course that provides coverage of the five major branches of Earth Science: Geology, Oceanography, Meteorology, Astronomy, and Environmental Science. The origin, composition, behavior and domains of the Earth are studied through lecture, discussion, demonstration, independent work and lab experimentation.

Honors Earth and Space

1 credit – Full-Year Course

This course is a challenging, in-depth study of Geology, Oceanography, Meteorology, Astronomy, and Environmental Science. The origin, composition, behavior and domains of the Earth are studied through lecture, discussion, demonstration, independent work and lab experimentation. Students should expect an accelerated pace of course material

with an emphasis on laboratory experiments and independent work.

Conceptual Biology

1 credit – Full-Year Course

This course is a survey of the study of the living world. Students explore the basic principles governing all living things and the methods by which biologists investigate life. Biochemistry, molecular and cellular biology, genetics, DNA technology, evolution, classification, ecology, microorganisms, plants, invertebrates and vertebrates are the main areas of study. Students participate in laboratory experimentation, projects, interactive lectures and discussions throughout this course.

Biology

1 credit – Full-Year Course

In this course, students explore the diversity and interrelationships of the living world in moderate detail. They practice the methods by which biologists investigate life through the study of biochemistry, molecular and cellular biology, genetics, DNA technology, evolution, classification, ecology, microorganisms, plants, invertebrates, and vertebrates. Simple algebraic manipulations are required for this course. Laboratory experimentation, projects, interactive lectures and discussions are utilized throughout this course.

Honors Biology

1 credit – Full-Year Course

This course is a challenging, in-depth study of the concepts governing all living things. Students explore the diversity and interrelationships of the living world at an accelerated pace and practice the methods by which biologists investigate life. This course utilizes laboratory experimentation, projects, interactive lectures, presentations, and discussions in both individual and group settings and requires significant independent work. Biochemistry, molecular and cellular biology, cellular energetics, genetics, DNA technology, evolution, classification, ecology, microorganisms, plants, invertebrates, and vertebrates are the main areas of study. Basic 2-step algebraic manipulations and quadratic equations are required for statistical analysis of data, Hardy-Weinberg principles, population growth models, and genetic predictions.

Conceptual Chemistry

1 credit – Full-Year Course

This class is designed to increase scientific awareness and good decision-making skills. Students will study the key fundamental concepts in chemistry including physical and chemical properties, trends of the periodic table, the structure of matter, dimensional analysis, thermodynamics, salts, ionic and covalent bonding, gas laws, acids and bases, as well as oxidation and reduction. Practical activities are included in the course, and are usually performed with a lab partner.

Chemistry

1 credit – Full-Year Course

In this class, the principles of chemistry, including topics of thermodynamics, equilibrium, kinetics, Stoichiometry, quantum theory, and reduction-oxidation reactions are presented in moderate detail. Lecture, laboratory experiments, demonstrations, research projects and cooperative learning experiences are utilized throughout this course. This laboratory course is designed for college bound students. It is highly recommended that students studying this course have a working knowledge of solving multi-step problems using dimensional analysis and algebraic manipulations. These topics are taught in Algebra II.

Honors Chemistry

1 credit – Full-Year Course

This rigorous course, usually studied by juniors, provides a deep and challenging background for college bound math/science oriented students. Lab experiments are an integral part of this course. This course is a prerequisite for Advanced Placement Chemistry and is taught on a level that enables students to develop an adequate foundation for success in the AP course. Students will explore topics such as the structure of matter, quantitative relationships of matter and reactions, kinetic theory of gasses, chemical kinetics, chemical equilibrium and thermodynamics. It is recommended that students enrolling in this course have a strong background in the following mathematical concepts: exponential and scientific notation, associative, commutative, distributive and transitive properties of algebra, graphical analysis through linear regression, dimensional analysis and use of the quadratic equation. These topics are taught in Math Analysis. Students intending to take Advanced Placement Chemistry must take Honors Chemistry.

Conceptual Physics

1 credit – Full-Year Course

In this class students learn about the principles of physics as they apply to practical topics. The areas of investigation include forces and motion, waves, light, sound, electricity and magnetism. The course incorporates various hands-on activities, and students will complete most of them in small groups. The use of mathematics is minimized (but not eliminated) in favor of practical thinking skills. The students should understand basic algebra concepts; however, any additional mathematical skills will be developed in class.

Physics

1 credit – Full-Year Course

In this class, students are challenged to examine concepts and ideas often taken for granted. The following topics will be studied: motion, forces, and causes of motions; light and wave behavior; color and sound; electricity and magnetism; and nuclear physics. Topics of current interest will be incorporated throughout the year. Students must have mastered the following mathematical skills: solving a variety of algebraic equations (including sets of equations); basic aspects of geometry; definitions of basic trigonometric functions; identification of direct, inverse, and quadratic relationships; and the ability to recognize the relationships between graphs and the quantities being graphed. These skills are taught in Algebra II.

Honors Physics

1 credit – Full-Year Course

This course will cover the same topics as Physics. Additionally, we will cover more advanced topics such as rotational dynamics, angular momentum, and vibrations. Students will be challenged to explore topics in depth and will be expected to complete a significant amount of work outside of class. Like Physics, the course is algebra-based. However, the students are expected to be highly proficient in the mathematical areas required for Physics. The pace of this course will be similar to that of an introductory algebra-based college level course.

Advanced Placement (AP) Biology

1 credit – Full-Year Course

This rigorous course is equivalent to a first year college-level course. It consists of an

in-depth study of the essential topics of biology using a college-level textbook. The student must perform twelve multi-level laboratory investigations related to the topics of study. The objective of this course is to prepare students for success on the standardized AP Biology exam. Students explore the chemistry of life, cell structure and function, cellular energetics, molecular genetics, heredity, DNA technology, evolution, the diversity of animals and plants and ecology. The following math skills are necessary for successful completion of this course: basic 2-step algebraic manipulations, quadratic equations, laws of probability, and rudimentary knowledge of calculus are required for statistical analysis of data, Hardy-Weinberg principles, and population growth models.

It is recommended that students enrolling in this course have successfully completed Honors Biology and have completed or are concurrently enrolled in Honors Chemistry. Students should also have the recommendation of their current science teacher. This is an elective course.

Advanced Placement (AP) Chemistry

1 credit – Full-Year Course

This rigorous course is equivalent to a first year college-level course. It consists of an in-depth study of the essential topics of chemistry using a college-level text and the performance on several laboratory investigations related to topics of study. The objective of this course is to prepare students for success on the standardized AP Chemistry exam. Students explore, in great detail, topics such as: the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics and the basic concepts of thermodynamics, as well as an introduction to electrochemistry, nuclear chemistry and organic chemistry. It is recommended that students enrolled in this course should have mastered the concepts of Algebra I and II and be able to derive mathematical equations from chemical concepts and definitions. Students should have completed Honors Chemistry and have a science teacher's recommendation. This is an elective course.

Advanced Placement (AP) Environmental Science

1 credit – Full-Year Course

This rigorous course is equivalent to a first year college-level course. The goal of the AP Environmental Science course is to provide

students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. It consists of an in-depth study of the essential topics of Environmental Science using a college-level textbook and performance on several laboratory investigations related to the topics of study. The objective of this course is to prepare students for success on the standardized AP Environmental Science exam. Students explore Earth systems and resources, the living world, population dynamics, land and water use, energy resources and consumption, pollution, and global change. Due to the quantitative analysis that is required in the course, students should also have taken at least one year of algebra. It is recommended that students enrolling in this course have successfully completed Honors Earth and Space Science and have completed or are concurrently enrolled in Honors Biology. Students must also have the recommendation of their current science teacher. This is an elective course.

Advanced Placement (AP) Physics C: Mechanics

1 credit – Full-Year Course

The majority of this course is devoted to the study of classical mechanics. Topics of study include motion, Newton's laws, energy, momentum, rotational motion, and oscillations. In addition to those listed for Physics and Honors Physics, the following mathematical skills are necessary for success in this course: ability to solve complex mathematical problems involving multiple variables and conditions, ability to find derivatives and integrals for a variety of mathematical expressions, and the ability to correlate symbolic calculus with the quantitative concepts of slope and area. These topics are taught in Calculus. A primary objective of this course is to prepare students to succeed on the AP Physics C (Mechanics) exam. Entry into this course is based on a science teacher recommendation. This is an elective course that can fulfill the fourth science requirement.

Advanced Placement (AP) Physics 1

1 credit – Full-Year Course

AP Physics 1 is an algebra-based, introductory college-level physics course that explores topics such as Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. Through inquiry-based learning, students will develop scientific critical thinking and reasoning skills. Students should have completed geometry and be proficient in algebra. Although the course includes basic use of trigonometric functions, this understanding can be gained either in a concurrent math course or in the AP Physics 1 course itself.

Introduction to Environmental Sustainability

0.5 Credit - Semester Course

Introduction to Environmental Sustainability will expose students to personal, communal, and scientific topics relating to natural systems and environmental sustainability. The course is intended to promote systems-thinking by giving students an initial understanding of their role as environmental stewards, and the impact of their lifestyle on environmental, and by extension, human health. Throughout the coursework, students will learn about consumer consumption and waste, lifestyles and our connection to the environment, nature-based engineering and biomimicry, and energy production and consumption. The coursework will be largely research and project based.

Students will be afforded an opportunity to work collaboratively with their teacher and peers to shape the coursework to meet their needs and interests. Field trips will be proposed throughout the course to connect students to the topics being learned, and will range from trips to Anson B. Nixon and other nearby natural areas to local landfills and water research centers. Through field experiences, students will be able to interact with nature first hand, as well as experience how sustainability is being practiced in their community and abroad.

Introduction to Cosmology

0.5 Credit - Semester Course

In this course, students will investigate the origin of the universe, explore the important characteristics of its current state, and discuss the most likely scenarios for its future. Topics will be explored in a variety of formats including lecture, discussion, hands-on

activities and problem solving. No specific mathematics skills are expected or required.

Prerequisites: Earth & Space, Biology. The course is intended primarily for juniors and seniors; others may be accepted on an individual basis.

Lab Aide (Science)/Independent Study

Credit Varies - Length of Course Varies

Participation in the Student Lab Aide Program is initiated by the student and approved by the appropriate high school faculty member, counselor, and parent guardian(s) and Assistant Principal for the Academic Program. Student lab aides are supervised by Kennett High School science teachers and are given the opportunity to participate in a variety of learning experiences. Students may research new science activities, prepare laboratory materials, troubleshoot new laboratory experiments, and/or complete independent study as defined by the teacher or Science Department Chair at the beginning of each semester. This is an elective course for 11th and 12th grade students.

WORLD LANGUAGE COURSES

Students with background in any of the languages offered can inquire about the possibility of being placed in level two or higher of a language course. They can speak with a teacher of the particular language and/or the guidance department. Students who wish to pursue study of a language beyond the highest level they would normally reach may inquire about the possibility of an independent study (levels 1-4). This would be arranged between the student, his/her teacher and the guidance department.

French I

1 credit – Full-Year Course

The French I course utilizes the *Bien Dit!* program, an integrated learning system that is based on a communicative approach to language learning. The ACTFL Proficiency Guidelines serve as the under-pinning of the curriculum and students learn to function as accurately as possible in situations they are likely to encounter in a French-speaking country or with French speakers in the U.S.A. The four skills (listening, speaking, reading and writing), cultural activities and literary readings reinforce each other in this proficiency-oriented, content-based program

and are aligned with both the National Standards for Foreign Language and the proposed Pennsylvania standards. During this first year course, particular emphasis is placed on listening, speaking and correct pronunciation and students are immersed in the French language.

Honors French II

1 credit – Full-Year Course

This is an accelerated, rigorous course designed for the student who will pursue advanced levels of French. Students will continue to work with the *Bien Dit* text, and its accompanying materials. Although oral practice will remain an important element of the program, students will focus on the development of reading and writing skills with the continued use of authentic materials and independent writing assignments. In addition, these students will begin an independent reading program using readers designed to develop vocabulary and grammatical usage. Students are immersed in the French language – all instruction is in French.

Honors French III

1 credit – Full-Year Course

This is an accelerated, rigorous course designed to develop students' reading and writing skills by using authentic materials and by completing independent reading and writing assignments. These will include short novels and critiques and compositions. Students are immersed in the French language – all instruction is in French. The knowledge and/or skills learned in the preceding years of French are the foundation for the knowledge and skills to be learned in the succeeding years of this sequence.

Honors French IV

1 credit – Full-Year Course

This is an accelerated, rigorous course designed for students who will continue to develop their skills by using authentic materials and by completing independent assignments. In addition to developing their language skills, students will focus on the rich culture of France by studying major historical figures as well as the art and literature of various periods. The textbook, *Trésors du Temps* and its accompanying workbook and audio program, as well as *Bien Dit* will serve as the textbooks for the course. The knowledge and/or skills learned in the preceding years of French are the foundation for the knowledge

and skills to be developed during the fourth year of this sequence.

Advanced Placement (AP) French Language

1 credit – Full-Year Course

The AP French Language course offers students the opportunity to pursue college level study in high school. The goal is to prepare students for the successful completion of the Advanced Placement French Language Exam. The text for this course will be *Thèmes*, which follows the directions of the College Board and supports the preparation of the final exam. Supported material and grammar review will be proposed by the teacher according to the necessity of the students. Summer assignments are also required. It is recommended that students enrolling in this class receive a teacher recommendation based on the student's preparedness for the curriculum.

Latin I

1 credit – Full-Year Course

The main text used for Latin I is the *Cambridge Latin Course*, which promotes an intuitive approach in understanding the Latin language. The students learn the basic forms and structures of the language through reading a connected story based on the daily life of a real Roman family in Ancient Pompeii in the days and weeks leading up to the historical destruction of this city by the eruption of Mt. Vesuvius. A second story line investigates the lives of people in the far off province of Roman Britain. Cultural and historical topics include Roman daily life, religion, slavery, entertainment, roads, government, science and history. Through a study of Latin vocabulary, students learn English derivatives and cognates. Throughout, the course strives to develop a basic appreciation and understanding of the Latin language and increase the student's knowledge of the history and culture of the ancient Romans and how they influence us today.

1 credit – Full-Year Course

The main text used for Latin I is the *Cambridge Latin Course*, which promotes an intuitive approach in understanding the Latin language while learning English derivatives and cognates. The students learn the basic forms and structures of the language through reading a connected story based on the daily life of a real Roman family in ancient Pompeii in the months leading up to the historical

destruction of this city by the eruption of Mt. Vesuvius. Cultural and historical topics in the book include Roman daily life, religion, slavery, entertainment, roads, government, science, and history, but daily life activities and projects will be used to build an even greater appreciation and connection to the ancient world. Supplemental material covering the Greek and Roman gods are also included along with the legendary founding of Rome, its early kingdom period, and the founding of the Roman Republic. Throughout, the course strives to develop a basic understanding of the Latin language and increase the student's knowledge of the history and culture of the ancient Romans.

Honors Latin II

1 credit – Full-Year Course

Honors Latin II begins with the investigation of Latin as the ancestor of the modern Romance Languages and emphasizes the dependence of English on Latin derivatives and loan words. The *Cambridge Latin Course* remains the main text and continues the story line now in Roman Egypt with an emphasis on the momentous scientific achievements of Alexandria which blossomed during this period of history. Connected translation readings continue to be the primary technique in the acquisition of grammar although formal grammar and the memorization of paradigms begin to take on added importance. Mastery of vocabulary and English derivations are paramount. The study of Roman culture, particularly about science, medicine, industry, the formations of the Roman legions, and the law enhances the student's appreciation and understanding of Rome's contribution to modern societies and institutions. Historical readings about the founding and development of the Roman republic focus on the city of Rome: its kings, heroes, constitution, magistrates, senate, and urban planning. The knowledge and/or skills learned in the first year of Latin are the foundation for the knowledge and skills to be learned in the succeeding years of this sequence.

The *Cambridge Latin Course* remains the main text for Honors Latin II. We continue the storyline to the destruction of Pompeii. These connected readings will serve to build the acquisition of grammar and vocabulary although formal paradigms will take some added importance. Mastery of vocabulary and English derivations are still paramount, but

writing projects are now added to the curriculum with prompts ranging from mythology and discussions of Roman authors to epitaphs and inscriptions. Toward the end of the year, a consolidation of paradigms and the discussion of authentic Latin texts are emphasized.

The study of Roman culture, particularly in relation to gladiators, political elections, education, and funerary practices, further the student's appreciation of the ancient world and an understanding of Rome's contribution to modern societies and institutions. Supplemental historical readings also describe the organization of the Roman Republic and its dissolution during the Civil Wars by Caesar and Octavian. The knowledge and/or skills learned in the first year of Latin are the foundation for the knowledge and skills to be learned in the succeeding years of this sequence.

Honors Latin III

1 credit – Full-Year Course

Continuing with the *Cambridge Latin Course*, Honors Latin III now moves to Rome, the center of the empire. A new cast of characters introduces the students to the full spectrum of life in the capital city of Rome, from the common man in the street all the way up to the imperial palace and the emperor Domitian. More complicated grammatical structures are introduced and a solidification of the students' mastery of grammatical paradigms is increasingly emphasized. Topics include Roman origin mythology, Roman engineering, the layout of the city of Rome, the patron-client relationship, Roman philosophical beliefs, Roman entertainment, manumission, the Roman forum, Roman politics and marriage. Review exercises to clarify advanced grammatical concepts are done throughout the year.

Honors Latin IV

1 credit – Full-Year Course

Honors Latin IV finishes the study of basic Latin grammar and introduces the students to Latin authors in the original. Excerpts from Roman authors such as Ovid, Martial, Catullus, Vergil, Horace, Phaedrus and others not only expose the students to sophisticated Roman literature but also give a sense of the real habits, likes and dislikes of the ancient Romans. Examples from various genres are covered: prose, oratory, historical accounts, theatrical, epistolary and poetry, both epic and

lyrical. This expansive survey will prepare the student for the more rigorous expectations of AP Latin.

Advanced Placement (AP) Latin

1 credit – Full-Year Course

AP Latin provides an academically stimulating and challenging curriculum. The course, based on readings from Vergil and Caesar, expects students to master large sections of the *Aeneid* and the Gallic Wars. Dactylic hexameter, the meter of the *Aeneid* is practiced regularly and ultimately mastered. Grammatical effects, rhetorical effects and figures of speech are heavily emphasized. A rigorous review of grammar and vocabulary helps the student to succeed on the sight translation sections of the AP exam. Historical topics relevant to the course are interspersed throughout the year. It is recommended that students enrolling in this class have earned a teacher recommendation based on the student's preparedness for this demanding curriculum.

Spanish I

1 Credit – Full-Year Course

The program is based on the five national standards of foreign language education: communication, cultures, connections, comparisons, and communities. The program *Auténtico* is an interdisciplinary multimedia program utilizing text, video, audio and other resources that complement a variety of learning styles. The textbook used is *Auténtico Uno*. Classes are taught partly in the target language, emphasizing speaking and listening skills. Active class participation is essential to the development of basic speaking, listening, writing and reading skills.

Honors Spanish II

1 Credit – Full-Year Course

This course uses the textbook *Auténtico Dos*. Classes are taught mostly in the target language. The knowledge and skills learned in Spanish I are the foundation for this course and are essential to student success. Students will need to rely on this background knowledge and to recall what they learned in Spanish I in order to master grammatical concepts. Active class participation is crucial to the improvement of speaking, listening, writing and reading skills.

Honors Spanish III

1 credit – Full-Year Course

This course uses the textbook *Auténtico Dos*. Classes are taught mostly in the target language. The knowledge and skills learned in preceding years of Spanish are the foundation for this course and are essential to student success. Students must be able to master grammatical concepts with limited repetition. Active and consistent participation is crucial to the development of more complex speaking, listening, writing and reading skills.

Honors Spanish IV

1 credit – Full-Year Course

This course uses the textbook *Auténtico Tres*. Classes are taught mainly in the target language. This course is designed for students who have a serious desire to continue their study of the Spanish language and for those who may wish to pursue the AP Spanish course the following year. The knowledge and skills learned in preceding years of Spanish are the foundation for this course and are essential to student success. Students must be able to master grammatical concepts with limited repetition. Active and consistent participation is crucial to the improvement of complex language skills. This course will provide students with the foundation to be successful in AP Spanish.

Advanced Placement (AP) Spanish Language

1 credit – Full-Year Course

AP Spanish offers students the opportunity to pursue college-level study in high school. The goal of the course is to prepare students for successful completion of the Advanced Placement Spanish Language and Culture Exam. With successful completion of the exam, participating colleges and universities may grant advanced credit and/or placement. In this course students will review all of the grammatical concepts from previous levels in more detail and further study advanced concepts. The basic course text is *Temas*, focusing on overarching themes that incorporate language, culture and strategies for success in the AP test. Also used is the test practice book *AP Spanish Language and Culture Exam Preparation*. All instruction will be conducted in Spanish with evaluations simulating those items found on the AP Exam. Summer assignments are required. It is recommended that students enrolling in this class receive a teacher recommendation based on the student's preparedness for the curriculum.

Spanish for Spanish Speakers

1 credit – Full-Year Course

This course is specifically designed for monolingual Spanish-speaking students who have some knowledge of reading and writing in Spanish. The goal of the course is to develop students' reading and writing skills in Spanish. Improvement in these skills will support the students' acquisition of the same skills in the English language. The core text, *Español Escrito*, will be supplemented with a workbook, additional materials and projects. A brief skills assessment will be administered to all students interested in the Spanish for Spanish Speakers course to determine their placement in the appropriate Spanish class. Typically, the next course in the sequence for students who complete this course and who choose to continue their study of Spanish is the Honors Spanish III course.

Ancient Mediterranean Studies

0.5 Credit - Semester Course

This course will follow the development of ancient Greek history and culture through the Archaic Period to the Hellenistic Age after which the class will transition to Italy and the rise of the Roman Empire to its decline in Late Antiquity. Politics, warfare, cultural practices, mythology, and notable people will be covered in addition to literature by legendary authors, such as Homer, Herodotus, Cicero, and Virgil. Students will be challenged to interpret ancient texts alongside the artifacts recovered in the modern era in order to build an understanding of how ancient history is constructed. This elective course is open to all students and will not fulfill a Social Studies requirement.

emergency medical and first aid responder, security, corrections, as well as various other occupations which encompass the broad spectrum of public safety. The program stresses techniques, methods, and procedures associated with emergency responses. Upon completion, students have the ability to earn up to 50 college credits, 76 state and national job-related certifications which are required for entry level positions. The Academy is a half day program located at the Chester County Emergency Services Training Center in Coatesville. For more information about OHSPSA, go to www.octorara.k12.pa.us. By application only.

Welding & Metal Fabrication, This program will take place at Octorara High School but is offered through TCHS. Students in this program will be prepared for a variety of metalworking occupations as they gain hands-on experience with both welding and metal shaping equipment. This program will teach students how to fabricate new items and repair existing metal items. Students will be instructed using industry standard machines, such as: lathes, mills, grinders, drills, saws, and welders that will allow students to form, shape, mold, cut, twist, and work upon metal. This program prepares students for industry careers or college. Most students who participate in the Welding program have to take Social Studies, PE, and Health online through Brandywine Virtual Academy. Due to the timing of the program and transportation, students typically have to complete these courses independently outside of their school day. Please see your school counselor for more information. By application only.

Commercial Art and Design Media, This program will take place at Oxford High School, but if offered through TCHS. Commercial Art and Design Media is a program in the applied visual arts that prepares individuals to use artistic techniques to effectively communicate ideas and information to business and consumer audiences via illustrations and other forms of printed media. It includes instruction in concept design, layout, paste-up, and techniques including drawing, and computer graphics. The Commercial Art & Design Media program is based upon industry standards, preparing creative students for admission to post-secondary art schools and entry-level employment in the By application only. 41 graphic communications industry. Upon completion of the program, students have a

CAREER & TECHNICAL EDUCATION

Homeland Security Octorara, The Octorara Homeland Security and Protective Services Academy (OHSPSA) is an approved PA Department of Education Career and Technical Education Program of Study available to students in grades 10, 11, and 12 for every Chester County school. The Academy is a part-time school of choice specializing in careers for pre-hospital emergency medical care, emergency medical technician (EMT), firefighting, emergency management, law enforcement, corrections, and military services. This program of study prepares individuals to apply technical knowledge and skills required to perform entry level duties as a firefighter,

completed portfolio of their work to present to prospective employers and college admissions officers. Most students who participate in this program will have to take Social Studies, PE, and Health online through Brandywine Virtual Academy. Due to the timing of the program and transportation, students typically have to complete these courses independently outside of their school day. Please see your school counselor for more information. By application only.

Construction Trades, This program will take place at Oxford High School, but if offered through TCHS. The Construction Trades program provides instruction in a number of construction trades and is focused on the building and installation of all systems in a physical structure. Classroom and lab experiences involve the basics of several building trades including carpentry, interior finishes, masonry, plumbing, and electricity. As a student in Building Construction Occupations, you will also learn to use various hand tools and power tools. Most students who participate in this program will have to take Social Studies, PE, and Health online through Brandywine Virtual Academy. Due to the timing of the program and transportation, students typically have to complete these courses independently outside of their school day. Please see your school counselor for more information. By application only.

Technical College High School, TCHS The Chester County Intermediate Unit operates career and technical education programs for high school students at the Chester County Technical College High School (TCHS) in three locations: Brandywine Campus, Pennock's Bridge Campus and Pickering Campus. The Chester County Technical College High School (TCHS) is a part-time, public high school of choice specializing in career and technical education for students in grades 9-12. TCHS offers students an opportunity to prepare for their futures. Whether that means going on to higher education, securing a job after high school or some combination of the two, TCHS' student-centered approach crafts an educational experience as unique as each of its students. For more information about Chester County Technical College High School programs or to apply online visit www.technicalcollegehighschool.org. The career and technical education (CTE) programs offered at TCHS are aligned to the Pennsylvania State Standards, focused on national industry standards and are tuition-free for students. CTE

programs lead seamlessly to postsecondary education through the Pennsylvania Department of Education's (PDE) SOAR Programs of Study. The mission of SOAR is to prepare Students (who are) Occupationally and Academically Ready for college and careers in an increasingly diverse, high-performing workforce. Graduates of approved SOAR programs who meet academic and technical criteria qualify for several FREE technical credits at over forty-three participating colleges across Pennsylvania. For more information about SOAR and the complete list of participating colleges and postsecondary program visit: www.cciu.org/collegecredit.

Allied Health Science Technology, The Allied Health program is a highly regarded option for those considering a career in the medical profession. Top seniors who enroll in this 7.5 hour per week college prep program split their time behind a desk in the classroom and on their feet in local health care facilities. Students have four pathways to choose from: Hospital, EMT, Community Health, or Sports Medicine track. The hospital track is for those students who are primarily interested in getting a comprehensive overview of the medical field in a hospital setting. Students will complete clinical rotations across a wide variety of hospital departments. The EMT track is for those students who are primarily interested in pursuing a career in the emergency medical field or building a foundation of knowledge for community health professions. Students will complete hands-on clinical rotations in the field with Good Fellowship Ambulance and EMS Training Institute. The Community Health track is primarily for students who are interested in the relationship between community and health. The sports medicine track is for those students who are interested in pursuing a career in the physical medicine and rehabilitation field. Students may complete clinical rotations in high school athletic training rooms and community rehabilitation facilities. This program, being run through the Technical College High School (TCHS), offers students from Kennett a comprehensive, one-year program which combines classroom theory and hands-on experience. Students interested in becoming an athletic trainer, physical therapist, nutritionist/dietician or a sports medicine physician will benefit from instruction by a TCHS educator with industry experience. For more information, please schedule a time to speak with your school counselor. By application only. Students must possess a driver's license,

reliable means of transportation and proper clearances. By application only.

Animal Science, Animal Science prepares students to provide for the welfare of animals in the pet companion industry, veterinary science and biomedical fields. Graduates of the program are prepared for post-secondary education and entry-level employment. Upon graduation, interesting and rewarding career paths can be followed which combine a love for animals with an interest in the life sciences. Program concentrations include animal anatomy and physiology, animal cruelty issues, animal hygiene, genetics, husbandry, nutrition, preventative care and medicine, reproduction, and surgical assisting. Due to the emphasis on science and math, students considering this program should possess a strong academic foundation. By application only.

Automotive Collision Technology, Automotive Collision Technology is for students who have a keen interest in motor vehicles and an eye for color, shape and creativity. Graduates of the program are prepared to pursue professional credentialing, entry level employment, and post-secondary education. Automotive Collision technology instruction is provided in the following areas: detailing and estimating, glass and hardware repair and replacement, metal finishing and body fillings, non-structural damage repair, outer body panel repair, painting and refinishing, welding and cutting. Program learning activities parallel the industry-recognized I-CAR curriculum. By application only.

Automotive Service Technology, The Automotive Service Technology program is certified by the National Automotive Technicians Education Foundation (NATEF) and prepares students for post-secondary education and entry-level employment in the rapidly changing automotive service industry. Students are introduced to the ever-changing advancements that occur in the automotive industry such as hybrid vehicle design and maintenance. Instruction is provided in the following areas: automotive electrical and electronics systems, brake repair and installation, drivetrain and engine performance, heating and cooling systems, suspension and steering systems. The program also emphasizes customer relations and instructs students in the use of proper etiquette in a service economy. By application only.

Carpentry, The Carpentry program develops students' skills for a career in the residential, commercial and home improvement construction industry. Students enrolled in the program learn safety practices, job estimating, and materials selection practices. They also learn the basics of rough carpentry, including the layout of walls, rafters, stairs and floors. Finish carpentry is also studied, including blueprint reading and drafting, cutting and joining construction materials, door, window and trim installation. Students have the opportunity to learn cabinet and furniture construction, including the use of laminates. A major focus is the construction of the joints required in fine cabinetry and furniture construction. Students study blueprint reading, construction methods and estimating, materials selection, and the safe use of hand and power tools. Students are responsible for the completion of hands-on carpentry and cabinetmaking projects from start to finish. By application only.

Computer Info Systems Programming, In the Computer Information Systems program, there is an emphasis on operating systems, applications programming languages, and networking equipment through hands-on training. After successful completion of the course, students are prepared for post-secondary education and entry-level positions in the computer By application only. 42 Year support and operations, networking, and software development fields. There are four primary tracks addressed in the Computer Information Systems program, as follows: Networking Hardware, Networking Software, A+ Training, and Application/Web Development. In addition, all students are exposed to network security concepts. Our Security+ training course teaches the latest testing objectives and is designed to assist users in implementing and maintaining communication security, cryptography, access control, infrastructure security and authentication. By application only.

Cosmetology, The Cosmetology program prepares students for state licensing in the field of cosmetology. Students can qualify to become a licensed cosmetologist or to obtain a specialized license in other areas, such as: nail technician, esthetician or natural hair braider. Program theory and hands-on skill instruction is provided in the following areas: facials, hairstyling, cutting, coloring, permanent waving and relaxing, straightening, infection control, principles and practice, manicures and pedicures, and professional awareness. By application only.

Criminal Justice & Police Sciences, The Criminal Justice and Police Sciences program prepares students for both post-secondary education and entry-level employment in the protective services field. Students in the program are graded based on mastery of traditional classroom theory and performance of hands-on skills, including: performing police and security tactics, investigating crime scenes, and investigation report writing. Students receive instruction in the following areas: basic fire science, crime scene investigation, criminal investigation, criminal law, civil law, and court procedures, electronic security systems, forensic science, investigative photography, police and security tactics, and self-defense. By application only.

Culinary Arts, The Culinary Arts program teaches students the necessary skills to be successful in the creative and rewarding food service industry. Graduates of the program may choose to continue their education with advanced standing in college and other post-secondary programs, or they may seek employment in entry-level culinary positions. The instructional program includes classroom theory and hands-on skill development in the following areas: baking, catering, customer service, food preparation, food service management, short order and high-volume cooking. Graduates of the program are certified under an American Culinary Federation approved program. By application only.

Early Childhood Care & Education, The Early Childhood Care and Education program aligns its curriculum with the Pennsylvania Department of Education Bureau of Career & Technical Education Child Development Associate (CDA)-Ready curriculum. All components of our Early Childhood Care and Education program prepare students to earn the CDA national certification. To become CDA ready, students complete 120 hours of formal training through multiple modalities, such as: active accredited training, project-based learning, research and field observations, and web-based distance education. Students gain experience as they rotate through various in-house preschool programs. Students create portfolios and professional development records that document their training and 480 hours of experience working with children in a preschool environment. Agreements with various colleges can provide students with between six and 15 undergraduate credits in early childhood

education after completing the program. By application only.

Engine Technology, The Engine Technology program prepares students with the skills to troubleshoot and repair residential, commercial, and recreational outdoor power equipment and small engines. The program is aligned with the industry-recognized Equipment Engine Training Council (EETC) certification program, and includes engine repair and rebuilding, performance upgrades and the repair of various systems. The systems covered in the program include fuel, electronic, lubrication, cooling and braking systems. Maintenance procedures are a key component of the program as they relate to welding, fabrication and machining. The use of computer technology in a customer service- and teamwork-based learning environment, is a major focus of the program. Career advancement in this field is largely dependent upon post-secondary education and successful work experience. By application only.

Engineering & Robotics, The Robotics and Electronics program prepares students for positions in the electronics, computer hardware repair and robotics industries. In addition, it provides students with a strong academic foundation to continue their education in a post-secondary institution or college. Students in the traditional Robotics and Electronics program learn how to build and test electronic circuits and how to apply the electronic theories of audio systems, radio and wire communications, and analog/digital communications to real world situations. In addition, students are taught the basics of computer servicing/maintenance and networking. The robotics component prepares students for a variety of career opportunities in the area of robotics, industrial process and automation systems. Laboratory activities cover electronic circuits and devices, digital microprocessor systems, computers and networks, and programming software tools. Programmable logic controllers and vision and motion control are examined. Applied Engineering Technology (AET) is an innovative program within the traditional Electronics and Robotics program that permits high school juniors and seniors to earn up to 16 college credits at Delaware County Community College (DCCC). By application only.

Health Career Pathways, Students explore the many exciting career pathways available in the health and medical occupations fields. They

study vital signs, adult and pediatric patient assessment, ambulatory devices, and direct patient care. Direct clinical observation experience in a health care setting may be arranged to prepare students for a variety of careers in the healthcare industry. The Health Career Pathways program combines instruction in anatomy and physiology, growth and development, health careers, medical abbreviations, medical ethics, medical terminology, and nutrition. An emphasis is placed on communication and leadership skills, computer literacy and medical math. Many graduates of this program choose to continue their education to pursue careers in nursing, sports medicine, physical therapy and radiology. By application only.

HVAC & Refrigeration Technology, The HVAC/Refrigeration Technology program provides students with the opportunity to install, maintain, and troubleshoot a wide range of heating, ventilation, air-conditioning, and refrigeration systems. Students in the program develop the skills needed to assemble and install tubing and piping systems, motors, compressors, control devices, valves and thermostats. Blueprints and schematics for related equipment and systems are also studied. In addition, basic electrical and control circuit concepts are taught and applied. Classroom presentations are reinforced by hands-on projects that enhance the learning experience. Graduates of the program may choose to continue their education in a post-secondary technical program, pursue an apprenticeship, or gain entry-level employment in the HVAC/refrigeration field. By application only.

Teacher Leadership Academy, The Teacher Leadership Academy is a program for high school seniors interested in pursuing a career in the field of education. In addition to earning 2 high school credits, students have the opportunity to enroll in a dual enrollment program with Delaware County Community

College (DCCC), where they can earn 9 college credits. The college courses are EDU 110 - Introduction to Teaching, EDU 215 -Theory and Field Experience in Elementary Education, and ENG 100 - English Composition. The course consists of 7.5 hours/week divided between classroom instruction and internships with certified, tenured teachers at all grade levels, resulting in approximately 180 hours of instruction and 90 hours of internship experience. Student internships consist of Elementary, Secondary Education and Special Education placements. By application only. Students must possess a driver's license, reliable means of transportation and proper clearances. By application only.

Veterinary Science, The Veterinary Science program prepares students for successful employment in the field of veterinary medicine in entry-level positions at private veterinary practices, animal hospitals, biomedical research facilities, pharmaceutical companies, diagnostic laboratories and the military. Students interact with animals in and out of the classroom, job shadow and attend clinics with local veterinarians. The Veterinary Science program is designed to prepare students for post-secondary education with an emphasis on the sciences. Students must possess a strong academic foundation and have at least a 3.0 GPA. Students in this program have the opportunity to pursue college credits while enrolled at TCHS. By application only.

BUSINESS ADMINISTRATION PROGRAM



HIGHLIGHTS

- Learn about unique and complex business concepts, and apply that knowledge through hands-on experiences.
- Acquire real-world experience through the completion of internships with local businesses and organizations.
- Complete independent research on a particular topic within business as part of the Senior Capstone Project.

SUMMARY

The Business Administration Program provides students with an interest in business the opportunity to learn about the different elements essential to the effective operation, management, and evaluation of diverse businesses and application of business-related concepts. Emphasizing critical skills such as entrepreneurship, economics, marketing, and customer service, students successfully completing a Business Administration Degree Program will be prepared for careers in the business field, as well as continued study at the collegiate level in the area. Students will have the opportunity for internships with local businesses and organizations which will provide opportunities to acquire real-world opportunities to apply what has been learned. Students will also be required to complete a Senior Capstone Project, which demonstrates the culmination of what they have learned through the program.

FUTURE CAREERS

- Business Consultant
- Entrepreneur
- Financial Analyst
- Human Resources (HR) Specialist
- Loan Officer
- Market Research Analyst
- Meeting, Convention and Event Planner
- Sales Manager

CREDITS

The Business Administration Program requires the completion of at least 30 credits. Business Administration students must complete required internship experiences, in addition to a Capstone Project in order to successfully complete the program.

The following is a **suggested** sequence of courses required to successfully complete this program.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Degree Program Courses 4.5-5 credits	Accounting I (1) OR Any 2 Business Electives	Accounting I (1) OR Any 2 Business Electives	Any 2 Business Electives AND Public Speaking OR Graphic Design OR Accounting II	Any 2 Business Electives AND Public Speaking OR Graphic Design OR Accounting II
Capstone 1 credit				Senior Thesis Capstone (1) ¹
Internships² 1 credit*			Internship I (</.5)	Internship II (</.5)
College and Career Readiness .5 credits	Seminar: Career Readiness (.5)			
English 4 credits	Survey of Literature (1)	World Literature (1)	American Literature (1)	English 12 (1)
Math 4 credits	Required Sequentially: Choose Additional Course(s)			
	Algebra I Geometry Algebra II Financial Literacy Statistics	Math Analysis Discrete Math Calculus	AP Calculus AB/BC AP Statistics AP Computer Science	
Science 4 credits	Earth and Space (1)	Biology (1)	Chemistry (1)	Physics (1)
Social Studies 4 credits	World Studies I (1)	World Studies II (1)	American History (1)	Economics (.5)/Government (.5)
Health 1 credit	Health (.5)	Advanced Health (.5)		
Physical Education 1 credit	Physical Education 9 (.5)	Physical Education 10 (.5)		
World Language 2 credits	World Language I/II (1)	World Language II/II (1)	<i>Not required, but recommended per KHS</i>	
Electives 3 credits	1 credit	1 credit	1 credit	

Minimum credits required for the Business Administration Program is between 30-30.5.

¹ – The Business Administration Senior Thesis Capstone is an independent research project designed with the assistance of an advisor that focuses on a specific interest area of the student. This project is then presented to a review board prior to the end of senior year.

² – Students in the Business Administration Program must complete at least 1 full credit of internships, but may complete more and substitute them for elective courses via Degree Program Counselor/Work-Based Learning Specialist approval.

CODING PROGRAM



HIGHLIGHTS

- Engage in a high-quality, enriching, and real-world curriculum recognized as the standard in the industry.
- Develop applicable coding skills in high school that can be used to write computer program or create applications to solve real-world problems.
- All Coding students will participate in internships with local businesses and organizations, in addition to completing a Senior Capstone Project of original research.

SUMMARY

As our world enters the fourth industrial revolution driven by automation, coding skills are becoming even more important for our students. The Coding Degree Program at Kennett High School features Project Lead the Way (PLTW) Curriculum, in addition to Advanced Placement (AP) Curriculum, to engage students in open-ended problem-solving. The Coding Program will provide opportunities for students to study computational practices such as algorithm development, application development, and programming within the context of problems relevant to their daily lives. Students will also be introduced to topics such as artificial intelligence, interface design, limitations of computers, and societal and ethical issues. The Coding Degree Program will prepare students for further education and careers in information technology and computer science.

FUTURE CAREERS

- Applications Analyst
- Architect
- Artificial Intelligence
- Business Analyst
- Computer Engineer
- Data Modeler
- Information Technology Manager
- Software Applications
- Software Engineer

CREDITS

The Coding Program requires the completion of at least 28.5 credits. Coding students must complete required internship experiences, in addition to a Capstone Project in order to successfully complete the program.

The following is a **suggested** sequence of courses required to successfully complete this program.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Degree Program Courses 2 credits	PLTW Computer Science Essentials (1)	AP Principles of Computer Science (1)	AP Computer Science A (1)	Senior Coding Course TBD (1)
Capstone 1 credit				Senior Thesis Capstone (1) ¹
Internships ² 1 credit*			Internship I (</= .5)	Internship II (</= .5)
College and Career Readiness .5 credits	Seminar: Career Readiness (.5)			
English 4 credits	Survey of Literature (1)	World Literature (1)	American Literature (1)	English 12 (1)
Math 4 credits	Required Sequentially: Choose Additional Course(s)			
	Algebra I Geometry Algebra II Financial Literacy Statistics	Math Analysis Discrete Math Calculus	AP Calculus AB/BC AP Statistics AP Computer Science	
Science 4 credits	Earth and Space (1)	Biology (1)	Chemistry (1)	Physics (1)
Social Studies 4 credits	World Studies I (1)	World Studies II (1)	American History (1)	Economics (.5)/Government (.5)
Health 1 credit	Health (.5)	Advanced Health (.5)		
Physical Education 1 credit	Physical Education 9 (.5)	Physical Education 10 (.5)		
World Language 2 credits	World Language I/II (1)	World Language II/II (1)	<i>Not required, but recommended per KHS</i>	
Electives ³ 2 credits	1 credit	1 credit		

Minimum credits required for the Coding Program is 28.5

¹ –The Coding Senior Thesis Capstone is an independent research project designed with the assistance of an advisor that focuses on a specific interest area of the student. This project is then presented to a review board prior to the end of senior year.

² – Students in the Coding Program must complete at least one .5 credit internship, but may complete more and substitute them for elective courses via Degree Programs Counselor/Work-Based Learning Specialist approval.

³ - Please note these electives must be different from the required Coding Program courses.

ENGINEERING PROGRAM



HIGHLIGHTS

- Engage in a high-quality, enriching, and real-world curriculum recognized as the standard in the industry.
- Options to specialize in Aerospace Engineering, Civil Engineering and Architecture, and Digital Electronics are available.
- Participate in internships with local businesses and organizations, in addition to complete independent research for completion of Senior Capstone Project.

SUMMARY

The Engineering Degree Program provides students with an interest in Science, Technology, Engineering, and Math the opportunity to learn, develop, and apply skills that are essential for anyone who envisions a future career in a STEM-related field. Students participating in the Engineering Degree Program will not only learn content skills, but they will also gain hands-on experiences that will help them determine the path they will follow after high school. All Engineering students will begin the first of two internships in their junior year, with local businesses that provide for the application of concepts and terms learned throughout students' coursework. Students will also be able to focus on specific areas in engineering through other coursework such as Aerospace Engineering, Civil Engineering and Architecture, and Digital Electronics.

FUTURE CAREERS

- Aerospace engineer
- Architectural engineer
- Biomedical engineer
- Civil engineer
- Computer engineer
- Environmental engineer
- Marine engineer
- Mechanical engineer
- Petroleum engineer

CREDITS

The Engineering Program requires the completion of at least 28.5 credits. Engineering students must complete required internship experiences, in addition to a Capstone Project in order to successfully complete the program.

The following is a **suggested** sequence of courses required to successfully complete this program.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Degree Program Courses 2 credits	PLTW Essentials of Engineering (1)	PLTW Introduction to Engineering (1)	PLTW Principles of Engineering (1)	Engineering Design and Development (1)
Capstone 1 credit				Senior Thesis Capstone (1) ¹
Internships ² 1 credit*			Internship I (</.5)	Internship II (</.5)
College and Career Readiness .5 credits	Seminar: Career Readiness (.5)			
English 4 credits	Survey of Literature (1)	World Literature (1)	American Literature (1)	English 12 (1)
Math 4 credits	Required Sequentially: Choose Additional Course(s) Algebra I Geometry Algebra II Financial Literacy Statistics Math Analysis Discrete Math Calculus AP Calculus AB/BC AP Statistics AP Computer Science			
Science 4 credits	Earth and Space (1)	Biology (1)	Chemistry (1)	Physics (1)
Social Studies 4 credits	World Studies I (1)	World Studies II (1)	American History (1)	Economics (.5)/Government (.5)
Health 1 credit	Health (.5)	Advanced Health (.5)		
Physical Education 1 credit	Physical Education 9 (.5)	Physical Education 10 (.5)		
World Language 2 credits	World Language I/II (1)	World Language II/II (1)	<i>Not required, but recommended per KHS</i>	
Electives ³ 2 credits	1 credit	1 credit		

Minimum credits required for the Engineering Program is 28.5

¹ –The Engineering Senior Thesis Capstone is an independent research project designed with the assistance of an advisor that focuses on a specific interest area of the student. This project is then presented to a review board prior to the end of senior year. The Engineering Design and Development Course will support/enhance the Capstone.

² – Students in the Engineering Program must complete at least one .5 credit internship, but may complete more and substitute them for elective courses via Degree Programs Counselor/Work-Based Learning Specialist approval.

³ - Please note these electives must be different from the required Engineering Program courses.

FINANCE PROGRAM



HIGHLIGHTS

- Learn about unique and complex financial concepts, and apply that knowledge through hands-on experiences.
- Acquire real-world experience through the completion of internships with local businesses and organizations.
- Complete independent research on a particular topic within finance as part of the Senior Capstone Project.

SUMMARY

The Finance Program provides students with an interest in Finance the opportunity to learn about the different elements essential to the effective operation, management, and evaluation of diverse financial businesses and application of financial concepts. Emphasizing critical skills such as entrepreneurship, economics, marketing, and customer service, students successfully completing a Finance Degree Program will be prepared for careers in the financial field, as well as continued study at the collegiate level in the area. Students will have the opportunity for internships with local businesses and organizations, which will provide opportunities to acquire real-world opportunities to apply what has been learned. Students will also be required to complete a Senior Capstone Project which demonstrates the culmination of what they have learned through the program.

FUTURE CAREERS

- Accounting Manager
- Budget Analyst
- Certified Public Accountant
- Contoller
- Credit Analyst
- Financial Analyst
- Financial Consultant/Manager

CREDITS

The Finance Program requires the completion of at least 29.5 credits. Finance students must complete required internship experiences, in addition to a Capstone Project in order to successfully complete the program.

- Personal Financial Advisor
- Senior Tax Accountant

The following is a **suggested** sequence of courses required to successfully complete this Program.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Degree Program Courses 4 credits	Accounting I (1)	Accounting II (1)	Fundamentals of Investing (.5) AND Financial Management (.5) ¹	Accounting III OR Entrepreneurship (.5) AND Sports and Entertainment Marketing (.5)
Capstone 1 credit				Senior Thesis Capstone (1) ²
Internships ³ 1 credit*			Internship I (</.5)	Internship II (</.5)
College and Career Readiness .5 credits	Seminar: Career Readiness (.5)			
English 4 credits	Survey of Literature (1)	World Literature (1)	American Literature (1)	English 12 (1)
Math 4 credits	Required Sequentially: Choose Additional Course(s) Algebra I Geometry Algebra II Financial Literacy Statistics			
Science 4 credits	Earth and Space (1)	Biology (1)	Chemistry (1)	Physics (1)
Social Studies 4 credits	World Studies I (1)	World Studies II (1)	American History (1)	Economics (.5)/Government (.5)
Health 1 credit	Health (.5)	Advanced Health (.5)		
Physical Education 1 credit	Physical Education 9 (.5)	Physical Education 10 (.5)		
World Language 2 credits	World Language I/II (1)	World Language II/II (1)	<i>Not required, but recommended per KHS</i>	
Electives 3 credits	1 credit	1 credit	1 credit	

Minimum credits required for the Finance Program is 29.5.

¹ – Financial Management will not be available until the 2023-2024 school year.

² - Finance Senior Thesis Capstone is an independent research project designed with the assistance of an advisor that focuses on a specific interest area of the student. This project is then presented to a review board prior to the end of senior year.

³ – Students in the Finance Program must complete at least 1 full credit of internships, but may complete more and substitute them for elective courses via Pathways Counselor/Work-Based Learning Specialist approval.

MEDIA COMMUNICATIONS PROGRAM



HIGHLIGHTS

- Students will have opportunities to learn about digital media arts with a concentration in video production, creating video projects on site for a variety of audiences and purposes.
- Students will intern with local businesses and organizations, including KCSD, to create media for a variety of purposes.
- During senior year, students are required to complete a Capstone Project which will require the culmination of all skills and abilities into a final product.

SUMMARY

The Media Communications Program has been designed for students with an interest in digital media arts with a concentration in video production. Students who complete this program will have developed the skills to join a 4 year collegiate communications program or jump right into the field in an entry level position. This includes, but is not limited to digital videography, digital photography, non-linear editing software, Adobe Photoshop, journalistic research, writing and photography skills, mastering of social media platforms, experience in a TV studio setting, and the study of film theory and production. Students will receive real world experience by putting these skills to use in the community, creating videos that will be used for journalistic or marketing purposes. Finally, during senior year, students will complete a capstone project that will allow them to demonstrate the skills they have acquired over the course of four years to create a long form piece of media of their choice. Please note the credit total for the Media Communications program may exceed the minimum number of credits for graduation.

FUTURE CAREERS

- Journalist

CREDITS

- News Anchor
- Studio Camera Person/Director
- Videographer
- Video editor
- Filmmaker
- Media Critic

The Media Communications Program requires the completion of at least 29.5 credits. Media Communications students must complete required internship experiences, in addition to a Capstone Project in order to successfully complete the program.

The following is a **suggested** sequence of courses required to successfully complete this program.

	GRADE 9	GRADE 10	GRADE 11	GRADE 12
Degree Program Courses 4 credits	Media Production (.5) AND Intro to Digital Photography (.5)	Intro to Digital Journalism (.5) AND Advanced Digital Journalism (.5)	Film Theory and Analysis (.5) AND Filmmaking (.5)	Advanced Media Production (.5) AND Elective (.5)
Capstone 1 credit				Senior Thesis Capstone (1) ¹
Internships² 1 credit*			Internship I (</.5)	Internship II (</.5)
College and Career Readiness .5 credits	Seminar: Career Readiness (.5)			
English 4 credits	Survey of Literature (1)	World Literature (1)	American Literature (1)	English 12 (1)
Math 4 credits	Required Sequentially: Choose Additional Course(s) Algebra I Geometry Algebra II Financial Literacy Statistics			
Science 4 credits	Earth and Space (1)	Biology (1)	Chemistry (1)	Physics (1)
Social Studies 4 credits	World Studies I (1)	World Studies II (1)	American History (1)	Economics (.5)/Government (.5)
Health 1 credit	Health (.5)	Advanced Health (.5)		
Physical Education 1 credit	Physical Education 9 (.5)	Physical Education 10 (.5)		
World Language 2 credits	World Language I/II (1)	World Language II/II (1)	<i>Not required, but recommended per KHS</i>	
Electives 3 credits	1 credit	1 credit	1 credit	

Minimum credits required for the Media Communications Program is 29.5.

¹ – Media Communications Senior Thesis Capstone is an independent research project designed with the assistance of an advisor that focuses on a specific interest area of the student. This project is then presented to a review board prior to the end of senior year.

² - Students in the Media Communications Program must complete at least 1 full credit of internships, but may complete more and substitute them for elective courses via Degree Programs Counselor/Work-Based Learning Specialist approval.

GRADING SYSTEM

Grading Scales

Grades are reported using two scales:

Performance Scale:

Unweighted grading scale that measures student accomplishment

Achievement Scale:

Weighted grading scale that acknowledges the rigor of Honors and AP courses and recognizes student achievement in those challenging courses. Grades in Honors courses are awarded an additional 0.5 quality point. Grades in Advanced Placement courses are awarded an additional 1.0 quality point.

Marking Period and Cumulative Exams	Numerical Grades (Regular, Honors)	Advanced Placement Courses
A+	100-97 (4.33 4.83)	5.33
A	96-93 (4.00 4.50)	5.00
A-	92-90 (3.67 4.17)	4.67
B+	89-87 (3.33 3.83)	4.33
B	86-83 (3.00 3.50)	4.00
B-	82-80 (2.67 3.17)	3.67
C+	79-77 (2.33 2.83)	3.33
C	76-73 (2.00 2.50)	3.00
C-	72-70 (1.67, 2.17)	2.67
D+	69-67 (1.33, 1.83)	2.33
D	66-60 (1.00, 1.50)	2.00
F	59-0 (0.00)	0.00

Calculation of Final Course Grades

Marking period grades account for 80% of the final course grade. Examination grades account for 20% of the final grade. A final grade of “D/60” or better must be earned in order to receive course credit. All students are also required to earn passing grades in either the final marking period or the final semester examination in the course. Any student who does not take the required examination (midterm or final) of a course will receive an “NS,” which indicates a “no show.” If an “NS” is received as the final examination grade, then an “F” will be received as the final course grade. In such cases should the student need or desire credit for the course, the entire course must be repeated. Zero credit will be issued for courses that are partially completed or from which a student has withdrawn.

Grade-Point Average

The grade point average (GPA) is the numerical average of the quality point values for all high school course grades, proportional to the amount of course credit awarded to the course. Two GPAs will be calculated, Performance (unweighted) and Achievement (weighted). GPA is calculated and reported on the report card each marking period.

Cumulative Grade-Point Average

The cumulative grade point average is a composite of all of the student's final GPA's for every year. It is calculated only at the end of the academic year. Two cumulative GPAs will be computed and reported, Performance (unweighted) and Achievement (weighted). The cumulative GPA is used to determine a student's rank in class. Some colleges and universities use the high school cumulative GPA as part of the application procedure. Some institutions recalculate the high school cumulative GPA based upon their own criteria.

Rank in Class

Rank in class is a listing of all of the students in a particular grade in order, from highest cumulative GPA to lowest cumulative GPA using the Achievement (weighted) scale. Rank in class is calculated and reported only at the end of each year. No numerical distinction is made between students who rank in the **top 5%** of the class and all students who earn that distinction will be recognized. All other students will be ranked numerically with an exact rank.

Honor Roll

Honor Roll is awarded each marking period. The student's grades, using the Performance (unweighted) scale, are averaged to determine if the student qualifies for Honor Roll.

The qualifications for Honor Roll are:

- 3.25 minimum GPA, no grade below C/73%

The qualifications for Distinguished Honor Roll are:

- 3.75 minimum GPA, no grade below B-/80%

Students earning an "Incomplete" are ineligible for Honor Roll.

Online Grade Book

Students and their parents/guardians can access the student's grades in the courses in which the student is currently enrolled through the *Skyward Home Access* program. To register for an individual account, email ISS@kcsd.org.

EDUCATIONAL PROGRAMS AND SUPPORTS

Advanced Placement Courses

Advanced Placement (AP) courses enable students to study a subject at the college level while in high school. The curriculum is demanding and is designed to prepare students for the nationally administered AP exams. Strong performance in AP classes is a prestigious credential for college admission. Additionally, students have the opportunity to earn college credit by submitting their scores on the AP exams to the colleges of their choice. Students enrolled in any of the Advanced Placement courses at Kennett High School are required to take the AP Examinations, administered in May, in place of the final examinations in these courses.

Students who have gained extensive content information may also choose to take any of the 34 AP exams without enrolling in the AP course. Most colleges and universities grant credit if the student scores at

appropriate levels (often 3, 4, or 5) on the AP examinations. However, different schools of higher education, and even different departments within a university, have varying standards for awarding credit for AP courses.

Individuals should check directly with colleges or universities in which they are interested to see how AP is handled. The College Board also maintains a website with this information – – <http://apcentral.collegeboard.com/home>.

It is realistic for students to gain three to fifteen college credits through AP courses. AP charges \$95 for each examination. Financial aid is available.

Kennett offers the following AP Courses:

- Biology
- Calculus AB
- Calculus BC
- Chemistry
- Comparative Government and Politics
- Computer Science A
- Computer Science Principles
- English Language and Composition
- English Literature and Composition
- Environmental Science
- European History
- French Language
- Latin
- Macroeconomics
- Music Theory
- Physics 1
- Physics C: Mechanics
- Psychology
- Spanish Language
- Statistics
- United States History
- United States Government & Politics

Original Research Project

The opportunity is available for students to develop an original project on a topic of personal interest. The student will complete the year-long project under the guidance of a faculty mentor. The project will include the components of development of the plan, exploration of resources and compilation of information into a final product. Additionally, there will be periodic seminar sessions throughout the year where students will collaborate with other project participants.

The culminating activity is a formal, multimedia presentation to selected faculty and students. A student wishing to undertake an original research project must devise the plan and gain approval from the high school principal and guidance department. The project can count for $\frac{1}{4}$ to $\frac{1}{2}$ credit, depending on the project description, and will count only as an elective.

Gifted Education

Programming options are available to students who are eligible for gifted education under Pennsylvania law. A Gifted Individualized Education Plan (GIEP) is developed for each eligible student, which describes the acceleration and/or enrichment activities required to develop the student's outstanding intellectual or creative ability. Depending on the student's identified area(s) of giftedness, such options may include, but are not

limited to, testing out of a prerequisite course in order to enroll in a more advanced course than is typically offered at the student's grade level, special projects on a self-selected topic, or mentor programs.

Special Education

Special education services are provided to students who are eligible under state and federal laws. An Individual Education Plan (IEP) is developed for each eligible student based on the student's need for specially designed instruction and/or accommodations and modifications. The IEP Team, including the student, the student's parent or guardian, special education and regular education teachers, along with school counselors or other relevant individuals, determines a plan that is reasonably calculated to allow the student to make educational progress in order to transition successfully to post-secondary adult life. Depending on the student's degree of need, the plan may include any combination of general education courses, special education classes, Career and Technical options, and community based instruction or work experience.

Library Media Center

Library resources are available to the Kennett High School learning community 24/7. Students are encouraged to use the Kennett High School Library Media Center, located on the third floor, both in person and via the Library High School Schoology page. The library is open daily from 7:15 a.m. to 3:15 p.m..

The library is available for classroom instruction, student research, computer and printer use, recreational reading and learning, and a variety of maker space activities. Students must have a pass to visit the library. Throughout the year, the Library sponsors programs to encourage student literacy and social connectivity including Teen Read Week, Banned Books Week, and National Library Week celebrations, as well as Bingo events, and other contests.

The Library Media Center houses a collection of approximately 21,000 volumes, including print, audio, and e-books. The Library subscribes to a variety of electronic resources including online encyclopedias, periodical and reference databases, and specialized subject programs. Most of these programs can be accessed from home, using passwords available from the library staff. Through **Access Pennsylvania**, students and faculty may borrow materials from the collections of libraries throughout the state, including the collections of academic libraries.

Please contact Jennifer O'Neill, the school librarian for further information at 610-444-6617 or joneill@kcsd.org and be sure to follow us on Instagram at [@kennetthslibrary](https://www.instagram.com/kennetthslibrary).

Naviance Student

Naviance is a web based program that helps students explore information about careers and colleges. Each student has access to his or her own personalized account. Naviance also provides the high school with a communication tool that allows us to send email blasts about up-coming meetings, events, local scholarship opportunities and other web resources for college and career information. The program has three main features:

- *About Me* – a planning tool that incorporates the student's individualized scholastic information along with the student's future plans.
- *Careers* - a resource with career clusters and occupation descriptions that include the training and education needed for a wide variety of careers. Through two different assessment tools related to students' interests and personality type, students can gain insight into their individual strengths and styles, and learn which career clusters would be matches for their talents and interests.
- *Colleges* – database tools for researching, comparing and applying to colleges. Through the college search features, students can create customized lists of colleges that meet their particular

criteria, including such factors as size, cost, location, majors, sports/activities and selectivity. The program can compare the student's scholastic record with those of Kennett students who have previously applied to colleges to give the student a realistic prediction of the likelihood of being accepted. When students apply to college, they can track their application status through the program. Additionally, students can sign up to visit with college representatives who visit Kennett High School, and they can research local, national, and school specific scholarships through the listing and data bases that are posted in the program.

Students are introduced and registered with a Naviance account during middle school and reintroduced to the program in ninth grade. They begin by completing the Career Interest Profiler assessment. They can use the results from this interest inventory to help them complete the Career Path Investigation component of the KHS Graduation Project. Classroom presentations are made to juniors to share information about the SAT and how to register. Additional classroom sessions are conducted to prepare students for the college exploration and application process as well as utilizing the various related resources within Family Connection to assist students through this process.

To access your student's account, go to <http://connection.naviance.com/kennetths>. Students can also login via Clever. If you have any questions, please contact your student's counselor. We will be happy to help.

NATIONAL HONOR SOCIETY

The National Honor Society is an organization founded by the National Association of Secondary Principals in 1921. Membership in the NHS is an honor bestowed upon a student. This honor recognizes the student who possesses the qualities of good character, service to the school and community, leadership and scholarship. To be eligible for membership selection, a student must meet the following qualifications:

1. The student must be a junior or senior.
2. The student must have attended Kennett High School for the equivalent of at least one semester.
3. The student must have a weighted cumulative GPA of at least 3.75
4. The student must demonstrate involvement in at least two school activities prior to and during the time of selection. ***Future activities are not eligible for consideration.*** Activities consist of co-curricular and extra-curricular sports and clubs associated with the high school.

Students who meet these qualifications will be considered candidates for selection. Selection of seniors will be conducted following the first marking period. Selection of juniors will be conducted following the second marking period. Students wishing to pursue candidacy must complete an Activity Resume after being invited via email from the advisor, which verifiably documents his/her high school co-curricular and community activities and leadership positions.

Every faculty member will be given a ballot to evaluate those seeking membership. Each faculty member is asked to give a number value from 1 to 6 to evaluate the student's leadership and character as it is perceived in the classroom and school-related activities. Students will verify their service from outside organizations for the service component of selection and must provide documentation for **40 hours of community service**. A rotating faculty council, representative of the faculty and selected by the principal, will review the results of the faculty balloting and student Activity Resume in order to make the final selection. The Faculty Council bases their selection on the results of the faculty data and the Activity Resume. An incomplete resume will terminate the candidacy. Students will be notified by mail as to whether or not they were selected for membership.

The following guidelines are used in defining leadership, service and character:

Leadership

The student who exercises leadership

- Is resourceful in proposing new problems, applying principles and making suggestions • demonstrates initiative in promoting school activities
- Exercises influence on peers in upholding school ideals
- Contributes ideas that improve the civic life of the school
- Is able to delegate responsibilities
- Exemplifies positive attitudes
- Inspires positive attitudes
- Demonstrates academic initiative
- Successfully holds school offices or positions of responsibility, conducting business effectively and efficiently, and without prodding demonstrates reliability and dependability • is a forerunner in the classroom, at work, and in school or community activities
- Is thoroughly dependable in any responsibility accepted

Service

The student who serves

- Is willing to uphold scholarship and maintain a loyal school attitude

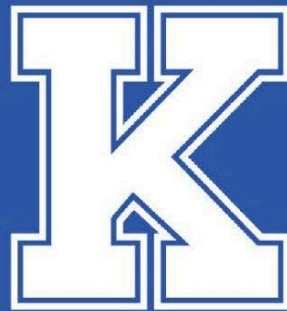
- Participates in some outside activity: Girl Scouts; Boy Scouts; church groups; volunteer services for the aged, poor, or disadvantaged; family duties
- Volunteers dependable and well-organized assistance, is gladly available, and is willing to sacrifice to offer assistance
- Works well with others and is willing to take on difficult or inconspicuous responsibilities • cheerfully and enthusiastically renders any requested service to the school
- Is willing to represent the class or school in inter-class and inter-scholastic competition
- Does committee and staff work without complaint
- Shows courtesy by assisting visitors, teachers, and students

Character

The student of character

- Takes criticism willingly and accepts recommendations graciously
- Consistently exemplifies desirable qualities of behavior (cheerfulness, friendliness, poise, stability)
- Upholds principles of morality and ethics
- Cooperates by complying with school regulations concerning property, programs, office, halls, etc. • demonstrates the highest standards of honesty and reliability
- Shows courtesy, concern, and respect for others
- Observes instructions and rules, punctuality, and faithfulness both inside and outside the classroom • has powers of concentration and sustained attention as shown by perseverance and application to studies
- Manifests truthfulness in acknowledging obedience to rules, avoiding cheating in written work, showing unwillingness to profit by the mistakes of others
- Actively helps rid the school of detrimental influences or environment

Students who are selected for membership in the National Honor Society will be inducted in a formal ceremony held in March. Parents and faculty will be invited to attend. Until induction occurs, a student is considered a candidate. To remain a member, a student must maintain all of the standards used in selection. Students who do not maintain these standards may be removed from the organization or put on probation.



Kennett High School

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