



John F. Kennedy High School



Registration Guide

2020 - 2021

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Welcome

Welcome Kennedy Families,

At Kennedy High School, we are committed to ensuring that all students have opportunities to select courses that are academically challenging and that allow students to explore career pathway coursework. In this guide, students will be selecting from a range of courses, from Advanced Placement courses and Honors courses to core courses and career based elective classes.

Through the Personal Growth Plan, students participate in career assessments and complete activities that assist students in determining their career plans and post secondary options.

At Kennedy we are committed to offering courses that provide dual credit, which earns students credit at both high school and college. Our AP program and our concurrent and articulated credit options, provide cost savings to parents and families after graduation. Students wanting to pursue these courses should look carefully through the guide as courses are identified as AP (Advanced Placement), concurrent enrollment and articulated credit.

On pages 8-9 students will be able to review the courses within the four key pathways.

- Business Management, Entrepreneurship & Information Technology
- Health Sciences & Human Services
- Science, Engineering, Technology, Manufacturing & Construction
- Arts & Communication

We are very proud of the varied selection of courses at Kennedy and encourage all students and families to look through this guide to ensure that your selections lead to a career beyond high school graduation and post-secondary planning.

Go Eagles!

Carol Kampa
Kennedy High School Principal



6 Period Day Options

The registration process for the fall of 2020-2021 will begin January 2020. During this time, students will select a particular type of schedule:

1. **Traditional:** A traditional schedule will consist of a student selecting 6 classes per trimester (total of 18 courses). This student will take classes between 7:50 a.m. - 2:37 p.m.
2. **Summer/Online:** Students who plan to take summer or online courses could take up to 7 classes per trimester (total of 19, 20, or 21 courses). The number of classes a student will receive will depend on staffing availability.

The following pages display examples of different scheduling options, including a traditional or online schedule. This will give you an idea of the courses required and potential elective courses.



6 Period Day Regular & Modified Block Schedule

Regular Schedule 6 Period Day

| | |
|----------|------------------|
| Period 1 | 7:50 – 8:47 |
| Period 2 | 8:53 – 9:51 |
| Period 3 | 9:57 – 10:54 |
| Period 4 | 11:00 – 12:30 |
| A Lunch | 11:00 – 11:30 |
| Class | 11:30 – 12:30 |
| Class | 11:00 – 11:30 |
| B Lunch | 11:30 – 12:00 |
| Class | 12:00 – 12:30 |
| Class | 11:00 – 12:00 |
| C Lunch | 12:00 – 12:30 |
| Period 5 | 12:36 – 1:33 |
| Period 6 | 1:39 – 2:37 p.m. |

Modified Block Schedule

WEDNESDAY:

1st, 3rd, & 5th

THURSDAY:

2nd, 4th, & 6th

| | |
|------------------------------|-------------------|
| Period 1/2 | 7:50 – 9:26 |
| Advisory(W)/ Seminar (Th) | 9:33 – 10:18 |
| Period 3/4 | 10:25– 12:30 |
| Class | 10:25 – 11:00 |
| A Lunch | 11:00 – 11:30 |
| Class | 11:30 - 12:30 |
| Class | 10:25 – 11:30 |
| B Lunch | 11:30 – 12:00 |
| Class | 12:00 – 12:30 |
| Class | 10:25 – 12:00 |
| C Lunch | 12:00 – 12:30 |
| Period 5/6 | 12:37 – 2:14 p.m. |

*School Buses will Depart from school at 2:24 p.m. on Modified Block days.



6 Period Day Options: Example Schedules

10th Grade Schedule with Online Class (Sample):

| Period | Trimester 1 | Trimester 2 | Trimester 3 |
|--------------------|-------------------|-------------------|-------------------|
| Online Hour | English 10 Online | English 10 Online | English 10 Online |
| 1st Hour | PE10 | Health | Elective |
| 2nd Hour | World History | World History | World History |
| 3rd Hour | Biology | Biology | Biology |
| 4th Hour | Math | Math | Math |
| 5th Hour | Music | Music | Music |
| 6th Hour | Elective | Elective | Elective |

9th Grade Traditional Schedule (Sample):

| Period | Trimester 1 | Trimester 2 | Trimester 3 |
|-----------------|------------------|------------------|------------------|
| 1st Hour | English | English | English |
| 2nd Hour | Social Studies | Social Studies | Social Studies |
| 3rd Hour | Physical Science | Physical Science | Physical Science |
| 4th Hour | Math | Math | Math |
| 5th Hour | Elective | Physical Ed. 9 | Elective |
| 6th Hour | Elective | Elective | Elective |

Registration & Scheduling Policies

1. If a schedule correction is necessary because of a computer scheduling error, placement error, academic need, or because a student fails a required prerequisite for a course, the correction must be made within the first week of the new trimester. All corrections will be made on a space available basis.
2. Kennedy High School offers a six-period day with a potential to have a 7th course with online options. We do not enroll part-time students.
3. All students are required to enroll, remain enrolled, and attend a minimum of 6 classes each trimester. Enrollment as a Teacher Assistant fulfills this requirement. Teacher Assistants need to be in class and on time each and every day. Students can only be a Teacher Assistant once per trimester.
4. Students may take a maximum of 21 classes a year. If a student takes more than 21 credits offered by Bloomington Public Schools then the family will incur the cost of the credits.
5. Teacher Assistant positions and Independent Study are only open to students in grades 11 and 12 and students may only enroll in one of these options per trimester.
6. Each trimester class passed will earn 1 credit. Teacher Assistant positions will earn .5 credit. Team Taught classes will earn 1 credit per class. No credit will be granted for Advisory or Academic Seminar.
7. If an elective class is dropped during the first ten (10) days of the trimester for a Teacher Assistant position, the change will be classified as a “withdrawal” and no grade will be assigned.
8. An application to enroll in an Independent Study must be submitted for consideration two weeks prior to the start of the desired trimester and be approved by the principal.
9. Students who fail a required course or are “dropped” from a course prior to the end of the trimester will need to repeat the entire trimester of that course. Students may not drop a required class. Students who fail a course have the opportunity to make up that credit during summer school or in the Beacon after school program.
10. Students may repeat courses that cover the same academic standards for credit. We believe that repeating certain courses will help students acquire the additional skills and knowledge necessary to prepare them for subsequent classes. The following criteria will apply for students wishing to repeat courses for credit:
 - a. Students may retake and replace a grade from any course with counselor and administrator pre-approval.
 - b. A student’s grade in the repeated course will always replace the original grade.
 - c. Any replacement course must be a BPS course taught by a BPS teacher.
 - d. Credit recovery courses and online courses offered by providers outside of BPS are not eligible as replacement courses.
11. Elective courses that have been approved for “Continuous Progress” can be repeated for credit towards graduation.
12. Courses will only be scheduled when they have sufficient enrollment and, if appropriate, when staff is available.

13. The expectation is that ALL coursework be completed during the term in which a class is taken. An extension of time to complete the course work will only be granted because of student illness, family emergency, or similar circumstances, and at the discretion of the teacher. If such an extension is granted, the student will receive an incomplete and have 10 school days in which to complete the required work. After that time, the “Incomplete” is changed to a “Fail” (F) or other grade as appropriate.
14. Students must be within three (3) credits of fulfilling graduation requirements in order to participate in commencement ceremonies.
15. Grade Weighting: Advanced Placement (AP), College in the Schools (CIS), Project Lead the Way (PLTW), Concurrent Enrollment courses and the Dimensions Academy High School (DAHS) with the opportunity of gaining college credit, will be grade weighted. District Policy 620.1.
16. **KENNEDY GRADING:** A grade at Kennedy High School will reflect a student’s academic achievement. While nonacademic factors are highly valued and contribute to a student’s academic achievement, behaviors (e.g. effort, adherence to rules, attendance) will be reported separately. Calculating a trimester grade may be solely based on summative assessments or it may be calculated based on a combination of summative and formative assessments.

Definitions:

- **Formative Assessments:** Work conducted when a student is still learning the material. It is an assessment that is designed to provide direction for both students and teachers. For the students it may mean additional practice or a confirmation that they are ready to move forward. For teachers it may mean changing instructional strategies, providing re-mediation or enrichment or being ready to move forward (e.g. quizzes, homework, rough drafts, peer editing, notebook checks).
- **Summative Assessments:** Work conducted when a student has had adequate instruction and practice to be responsible for the material. It is designed to provide information to be used in making judgment about a student’s achievement at the end of a sequence of instruction (e.g. final drafts, tests, exams, major assignments, projects, performances).

Grading Parameters:

- **Formative vs. Summative Assessments -**
Formative Assessments will count for a maximum of 20% of the trimester grade. Summative Assessments will count for a minimum of 80% of the trimester grade.

GRADE SCALE – 4.0 GPA SCALE

| | | | | | |
|----|-----|----|-----|----|----------------------|
| A | 4.0 | C+ | 2.3 | D- | 0.6 |
| A- | 3.6 | C | 2.0 | F | 0.0 |
| B+ | 3.3 | C- | 1.6 | I | Incomplete |
| B | 3.0 | D+ | 1.3 | E | Effort, Credit Given |
| B- | 2.6 | D | 1.0 | NC | No Credit |
| | | | | P | Pass |





Career Pathways for Kennedy High School

Kennedy High School is excited to offer courses with a connection to a variety of career fields. Below you will find courses that help students customize their education in order to explore their career interests and help students find a pathway for their future. NOTE: In each career field, math and science classes are becoming increasingly important. Please talk to your counselor if you have any questions (952-681-5027).

Business Management, Entrepreneurship & Information Technology

Business, Management & Finance

- Intro to Business Management
- Personal Finance
- Accounting
- Statway Math
- AP Statistics
- Psychology - General or AP

Information Technology

- Basic Computer Skills
- Intro to Information Technology
- Video Game Programming
- Computer Science Principles - General or AP
- Statway Math
- Genius Bar Independent Study
- *IT Pathway continues at BCCA, see pages 64-74

Marketing

- Intro to Business Management
- Accounting
- Intro to Marketing
- Social Media Marketing and Promotion
- Sports & Entertainment Marketing
- Intro to Computer Graphics
- Psychology - General or AP

Hospitality & Tourism

- Intro to Foods
- Advanced Foods
- Culinary
- Multi-Cultural Foods
- Food Chemistry
- Intro to Business Management
- Intro to Marketing
- Psychology - General or AP

Health Sciences & Human Services

Health Science

- Intro to Anatomy and Physiology
- Human Anatomy and Physiology
- Psychology
- Weight Training
- Women's Weight Training
- Sports Training
- Advanced Physical Education
- Unified Physical Education
- *Health Science Pathway continues at BCCA, see pages 64-74

Human Services

- Career and Personal Development
- Relationships
- Psychology - General or AP
- Interpersonal Communications
- *Human Services Pathway continues at BCCA, see pages 64-74

Government & Public Admin

- Student Government
- Psychology - General or AP
- Wars in US History I & II
- Debate

Education & Training

- Early Child Development I & II
- Intro to Education
- Educational Technology
- Multicultural Education
- Psychology - General or AP
- Speech
- Minnesota History

Law, Public Safety & Security

- Criminal Justice I & II
- Forensic Science
- Psychology - General or AP
- *Public Safety Pathway continues at BCCA, see pages 64-74

Science, Technology, Engineering, Manufacturing & Construction

Construction & Architecture

Intro to Skilled Trade
Intro to Woods
Construction Apprenticeship Prep
Adv Woods/Bldg Construction

Engineering

Intro to Engineering Design
Civil Engineering & Architecture
Digital Electronics
Principles of Engineering
Robotics
Computer Science Principles - General or AP

Manufacturing

Intro to Skilled Trades
Robotics
Intro to Manufacturing Technology
Construction Apprenticeship Prep
*Manufacturing Pathway continues at
BCCA, see pages 64-74

Agriculture & Science Systems

Astronomy
Science Olympiad
Minnesota Biology

Transportation & Logistics

Intro to Auto Mechanics

Arts & Communications

Visual Arts

Design Studio
Intro 2D Art
Intro 3D Art
Adv 2D Art
Intro to Craft Design
Advanced Studio Art
AP Art & Design
Intro to Photography
Advanced Photography

Audio/Video Technology & Film

Intro to Photo
Digital Imaging
Intro to Comp Graphics
Garage Band I & II
Film Studies
From Page to Stage
Mythology

Performing Arts, Dance & Theatre

Cantare
Viva Voce
Kennedy Chorale
Band
Orchestra
Guitar Techniques I & II
Ukulele
Ukulele Ensemble
Piano Lab
From Page to Stage

Journalism & Broadcasting

Creative Writing
Teen Literature
African American Literature
Publications: Yearbook
Digital & Print Journalism
Intro to Photo
Intro to Comp Graphics
Psychology - General or AP



Educational Programs

HONORS PROGRAM

Curriculum in Honors courses extends well beyond the core essential and important standards. Courses move at an accelerated pace, which allows for topics to be explored in greater depth, as well as for the inclusion of additional topics. Instruction in Honors courses is student-centered and involves an emphasis on self-directed learning, open-ended questions and a discovery approach to learning. Students in Honors courses are expected to show greater independence, complexity and depth of thought in their work, and to analyze, evaluate and synthesize data and ideas.

ADVANCED PLACEMENT PROGRAM (AP)

The Bloomington Public Schools' Advanced Placement (AP) Program enables students to pursue college-level studies while still in high school. AP courses make substantial academic demands on students. Students are required to do considerable outside reading and other assignments and to demonstrate the analytical skills and writing abilities expected of first year students in a strong college program. AP courses help students develop the intellectual skills and self-discipline they need to do well in college. AP Exams are an integral part of an AP course. The exam grade provides an important advantage to students in terms of college credit and/or advanced placement for college. Students who are highly motivated and who meet course prerequisites are recommended to take AP courses and the examinations. AP courses are offered in Chemistry, Physics, Biology, Calculus, Statistics, American Government, Economics, Psychology, Studio Art, Art History, U.S. History, World History, Human Geography, Computer Science Principles, English Literature and Composition, and English Language and Composition. Students in upper level world language classes can also take the AP exam. These courses are grade weighted.

CONCURRENT ENROLLMENT WITH NORMANDALE & ANOKA RAMSEY COMMUNITY COLLEGES

Through a partnership with Normandale, MCTC and Anoka Ramsey Community Colleges, Kennedy High School is pleased to offer an additional pathway for college-bound students through concurrent enrollment. Concurrent enrollment courses are college courses offered at the high school, taught by a credentialed high school teacher. Students who successfully complete these courses generate dual high school and transcribed college credit from the partnering postsecondary institution. These credits may also be transferred to any MNSCU institution. There is no cost for qualified students to participate. These courses are grade weighted. Research shows that high school students who participate in an accelerated learning options, such as concurrent enrollment, benefit greatly from:

- Exposure to high expectations.
- Participation in challenging courses.
- The momentum gained by earning college credits while still in high school.

Kennedy concurrent enrollment courses challenge high school students to think critically and read and write analytically, preparing students for greater success in college. Through participation in concurrent enrollment, high schools establish themselves as education leaders by setting high standards and preparing students for the 21st Century.

Concurrent Enrollment Courses Offered at Kennedy: Honors Pre-Calculus, College Algebra and Probability, Statway Math Program, Honors World Literature (Interdisciplinary and Regular), Introduction to Education, Educational Technology, Multicultural Education, African American Literature, Minnesota History, Guitar II, Honors Physical Education, Social Media Marketing and Promotion, DA Humanities courses and College and Career Academy Courses.



SENIOR CAPSTONE DEMONSTRATION PROJECT

This course is an activity that provides a way for high achieving Kennedy students to demonstrate the knowledge and skills they acquired during their secondary school years of education. It engages students in a project/experience that focuses on an interest, career path or academic pursuit that synthesizes classroom study and real world perspective. Students are asked to demonstrate their ability to apply key knowledge and skills by planning, completing and presenting a project linked to one or more area of personal interest and the individual's post-secondary plan. Students will work with a community advisor and faculty coordinator to develop an in-depth project, reflective portfolio, community service and/or internship. As a required part of the experience, the student will demonstrate the results of their study to a committee at the end of the term.

COLLEGE IN THE SCHOOLS (Japanese Only)

College in the Schools (CIS) is a concurrent enrollment partnership program between the University of Minnesota-Twin Cities and the Bloomington Public Schools. CIS delivers regular and honors introductory level, U of M credit courses to high-achieving high school students in their own high schools. Selected high school teachers are appointed as affiliated U of M faculty and teach the U of M courses in the high school, supported by ongoing, continuous professional development provided by U of M faculty. For more information go to: www.cce.umn.edu/cis. CIS classes at Kennedy: Japanese 2 & 3. These courses are grade weighted.

DIMENSIONS ACADEMY HIGH SCHOOL - STEM and HUMANITIES

Dimensions Academy High School (DAHS) is Bloomington Public Schools' innovative approach to gifted education at the high school level. Students can apply for the STEM (science, technology, engineering and math) and /or the Humanities (English and social studies) strand. Advanced learners will have the opportunity to be in a cohort to take college-level courses at college paces with support from the Gifted and Talented Department. We will use a dual-campus model in order for students at both high schools to access either or both programs. A shuttle will be provided to transport students to either or both programs. For more information regarding this program, please contact Erin Boltik, Director of Gifted and Talented Programs at eboltik@isd271.org.

Learning Options:



CAREER & COLLEGE ACADEMY

The Bloomington Career and College Academy (BCCA) is a unique, innovative high school option giving students the opportunity to explore or begin a career path, experience job training and applied learning from college instructors, earning college credit and high school STEM or elective credit. Students will graduate ready to continue their education and training, or begin a career. Upon successfully completing a BCCA pathway, students may graduate high school with one or more industry-recognized certificates or credentials. BCCA is closely aligned with the district's strategic plan, Pathways to Graduation, and Minnesota's World's Best Workforce legislation. Parents and students can learn more about the Career & College Academy at upcoming informational meetings or by calling 952-681-6138 or visiting www.bloomington.k12.mn.us/bcca.

Courses are listed on pages 64-74. You can register for these elective courses during the registration process.

POST-SECONDARY ENROLLMENT OPTIONS ACT (PSEO)

The Postsecondary Enrollment Options Act (PSEO) was signed into law as part of the 1985 Omnibus Education Aids Bill. It allows high school students to attend a college or a Technical College, either full or part-time, at no cost to the student. The act has a dual purpose: (1) to promote rigorous educational pursuits and (2) to provide a wide variety of options for students. Any 10th, 11th or 12th grade student may apply for either full or part-time in nonsectarian courses or programs in an eligible postsecondary institution.

To increase the likelihood of student success, Minnesota State Colleges and Universities (MnSCU) has set the following standards for admission to PSEO (taken from the MnSCU website: <http://www.mnscu.edu/admissions/pseo.html>):

1. High school seniors must be in the upper one-half of their class or score at or above the 50th percentile on the ACT or SAT.
2. Juniors must be in the upper one-third of their class or score at or above the 70th percentile on a test, such as the ACT or SAT.
3. Sophomores may enroll in a career or technical education course at a MnSCU college or university if they have attained a passing score or met the 8th grade standard on the 8th grade Minnesota Comprehensive Assessment in reading and meet other course prerequisites or course enrollment standards established by the college. These standards include but are not limited to assessment test scores, program admission or other requirements.

If a sophomore receives a grade of C or better in the course, the student shall be allowed to take additional career or technical education courses in subsequent terms.

A student who first enrolls under this provision while in 10th grade and wishes to enroll in general education courses as an 11th or 12th grade student must take the system Assessment for Course Placement and achieve the required scores prior to enrollment.

Campuses may require eligible 10th grade PSEO students who wish to enroll in a career and technical course to meet with a college counselor or advisor. Colleges and universities may admit students based on other documentation of ability to perform college-level work.

COLLEGE COURSE ARTICULATION

High school students may take community and technical college courses while still attending Kennedy High School. These high school courses have been matched with similar courses at various community and technical colleges. Students meeting the college requirements will earn college credit, as well as high school credit, to apply toward graduation. You always need to check with the college or university of your choice for specific criteria in a program or major because not all credits will move into all programs or majors.

Articulated Courses Currently offered at Kennedy High School: Advanced Woodworking/Building Construction (HTC), Introduction to Woodworking (HTC), Civil Engineering & Architecture, Intro to Engineering Design, Digital Electronics, Intro to Marketing, Basic Computer Skills, Accounting, Intro to Business Management, Culinary and Early Child Development.

Eligible institutions include the University of Minnesota and its branches, state universities, community colleges, vocational technical colleges, and Minnesota two-year or four-year liberal arts degree-granting residential private colleges may apply to enroll in one or more classes. Admission requirements, granting of credit(s), and number of courses are determined by the individual post-secondary institutions. You can choose to take post-secondary courses for high school and post-secondary credit. You must still meet the course requirements of the State Board of Education and the requirements of the Bloomington School District. If you wish to have further information about the program, please see your high school counselor during the registration process.

It is the student's responsibility to:

1. Contact and become familiar with the requirements of the individual post-secondary institution;
2. Apply to and be accepted by the post-secondary institution;
3. Meet with your High School Counselor and receive approval each semester;
4. Register for approved post-secondary courses.

PROJECT LEAD THE WAY (PLTW)

Project Lead The Way (PLTW) is centered around the idea of bringing practical application to students while their opinions about careers and interests are still forming. PLTW's classroom instruction, generally one-third theory and two-thirds application, gives students meaningful, hands-on experience in problem-solving, teamwork, and project-based learning. Project Lead The Way has developed a four year sequence of courses which, when combined with college preparatory mathematics and science courses in high school, introduces students to the scope, rigor and discipline of engineering and engineering technology prior to entering college. The courses are: Introduction to Engineering Design, Digital Electronics, Principles of Engineering, Civil Engineering and Architecture, Engineering Design and Development. Students have the opportunity to earn a weighted grade and possibly a college credit for their work.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

The College-Level Examination Program® or CLEP provides students of any age with the opportunity to demonstrate college-level achievement through a program of exams in undergraduate college courses. For more information about the CLEP program go to: www.collegeboard.com/clep

BEACON

Beacon is a District 271 alternative high school program located within Kennedy High School. Students can attend as a full-time student, a shared student (attending home high school for 1/2 the day and Beacon for 1/2) or as a dual student (attending credit-makeup classes after the normal school day or during the summer months). If you would like more information about the Beacon program, please contact the Beacon office at 952-681-5056 or talk with your school counselor.

ONLINE LEARNING OPTIONS (NON-BPS ONLINE OPTIONS)

Online learning is any interactive course or program that delivers instruction to a student by computer. Students taking online learning options may receive academic credit for completing the requirements of an online course or program. Students enrolling in an online learning option must notify his/her guidance counselor at least 30 days before taking an online course.

INTERVENTION / SUPPORT CLASSES

Intervention or support courses have been established to help those students whom we have determined need extra support through standardized measures. Students in need of math or science support will take the support class concurrently with their regular course. These support courses are provided to decrease deficits in reading and math. These courses will be required and will replace current electives. As students improve, as determined by the teacher, they will be allowed to drop the support class and select an available elective.

ENGLISH LEARNERS (EL)

The English Learners program is for students who need additional academic English language skills and who meet certain entrance requirements. The program focuses on developing speaking, listening, reading and writing skills in English through content. Students are placed in one of four EL levels by their counselor and EL teacher.

TEACHER ASSISTANTS

Students' must see their counselor during the first ten days of the trimester to register as a Teacher Assistant.

INDEPENDENT STUDY

Permission must be obtained from the principal and program advisors. Approved students will research and develop individual projects. Although study may be in any area, basic organizational, developmental and research skills are expected.

General Information

COLLEGE ENTRANCE REQUIREMENTS

These requirements vary from college to college; therefore, you should check the requirements of the college(s) in which you may be interested. Colleges often require that courses be completed in the following academic areas: 4 years of English, 3 years of Social Studies, 3 or 4 years of Mathematics (Alg. 1, Geometry, & Alg. 2), 3 years of Science (2 must be labs), and World Language (2 years of the same language in high school). These are the basic requirements for a four year college.

Most engineering colleges require four years of mathematics and science. Chemistry is required for college programs such as nursing, dental hygiene, medical technology, home economics and physical therapy.

World Language Requirements: More colleges are requiring or strongly recommending foreign language study for two and sometimes three years in high school, but there are colleges with no World Language requirement. If you plan to take a World Language course, it is best to continue through Grade 12.

TECHNICAL COLLEGES

Area technical colleges have specific entrance requirements for various programs. Check on these entrance requirements if you are interested. Some of the programs offered in the area vocational schools have waiting lists which may mean that some students will have to make early decisions. Many technical programs require mathematics.

CAREER PLANNING AND TESTING

Career planning is the process of helping students acquire and use those aptitudes, skills, and knowledge needed to develop and manage a reasoned, socially purposeful, and personally valued life pattern in relation to work of any kind. A student's career planning in high school includes obtaining the needed knowledge and skills in subject areas, learning about decision-making and identifying aptitudes, interests, and achievements.

During high school years, students will meet with their counselor to do post-high school planning. Some of the options that will be discussed are:

1. College expectations, college admission, including entrance tests and advanced placement tests.
2. Technical colleges and schools, types of programs, entrance requirements, waiting lists, and job opportunities.
3. Military opportunities, enlistment programs, ROTC, and the military academies.
4. Apprenticeship programs, qualifications and entrance requirements, conditions of apprenticeship programs, related training, waiting periods, and job outlook.

The testing program provides additional career planning information for students, parents, and teachers. Test results are used by counselors and staff to assist students in making decisions about skill development and post-high school plans. After each test has been administered, students are given a detailed explanation of the results.



Hybrid / Online Courses

Hybrid and online learning in the Bloomington Public Schools presents a dynamic, interactive, flexible learning opportunity to meet the diverse needs of all of our students. Kennedy High School aims to offer high quality, standards aligned hybrid and online learning experiences that are available to all BPS high school students. All courses are created and taught by BPS teachers.

What is the difference between hybrid and online courses?

Hybrid - Hybrid courses are structured so that students will meet some days in class but will not come to class every day. For example, a hybrid course might meet on Monday, Wednesday and Friday but not on Tuesday and Thursday. Course content will be delivered online and some work may be turned in online as well.

Online - Online courses are structured so that a student could, in theory, never be physically present at the school at a given class time, though the opportunity for face-to-face connection with the teacher and peers could be provided as appropriate and beneficial per teacher discretion.

Are hybrid and online courses easier than face-to-face courses?

Hybrid and online courses are not easier or harder but offer the same strong curriculum delivered in a different way. A student taking a hybrid or online course will be spending at least the same amount of time completing assignments as a student would in a traditional course.

Should I take a hybrid course?

Hybrid and online courses provide students with opportunities to have more control over the time, place, path and pace of their learning. Students who are motivated, well organized, disciplined and have strong time management and technology skills will likely do well in this environment.

Possible Hybrid Courses By Department:

Business:

Accounting A

Language Arts:

Speech

Creative Writing

Social Studies:

Economics

Science:

Human Anatomy & Physiology

Math:

Pre-Calculus

College Algebra & Probability

Honors Algebra 2

Statway Math Program

Physical Education / Health:

PE9: Personal Fitness & Nutrition (Summer)

PE10: Fitness for Life (Summer)

Health (Summer)

Online Courses By Department:

Language Arts:

English 9

English 10

English 11

English 12

Social Studies:

Economics

U.S. Government

U.S. History

World History

Business:

Work Program

Mentorship Program

Math:

Algebra 2

Honors Algebra 2

Geometry

Science:

Biology

Chemistry

Physics

AP Computer Sci. Principles

Art

Introduction to Photography

Introduction to 2D Art

World Language:

Spanish 2

Japanese 1

Physical Education / Health:

PE9: Personal Fitness & Nutrition

PE10: Fitness for Life

Health



Concurrent Enrollment

Through a growing partnership with Normandale Community College, MCTC and Anoka Ramsey Community College, Kennedy High School is pleased to offer an additional pathway for college-bound students through concurrent enrollment. Concurrent enrollment courses are college courses offered at the high school, taught by a credentialed high school teacher.

Students who successfully complete these courses generate dual high school and transcribed college credit from the partnering postsecondary institution. These credits may also be transferred to any MNSCU institution. There is no cost for qualified students to participate. Research shows that high school students who participate in an accelerated learning options, such as concurrent enrollment, benefit greatly from:

- Exposure to high expectations.
- Participation in challenging courses.
- The momentum gained by earning college credits while still in high school.

Kennedy concurrent enrollment courses challenge high school students to think critically and read and write analytically, preparing students for greater success in college. Through participation in concurrent enrollment, high schools establish themselves as education leaders by setting high standards and preparing students for the 21st Century. These courses are grade weighted.

Concurrent Enrollment Courses Offered at Kennedy:

- **Honors Pre-Calculus**
- **College Algebra and Probability**
- **Statway Math Program**
- **Honors World Literature (Interdisciplinary and Regular)**
- **Introduction to Education**
- **Educational Technology**
- **Multicultural Education and Human Relations in Schools**
- **African American Literature**
- **Minnesota History**
- **Guitar II**
- **Honors Physical Education**
- **Social Media Marketing and Promotion**
- **DA Humanities Language Arts Courses**
- **College and Career Academy Courses**



NORMANDALE
COMMUNITY COLLEGE



ANOKA-RAMSEY
COMMUNITY COLLEGE
CAMBRIDGE • COON RAPIDS

Science, Technology, Engineering, & Mathematics

Bloomington Public Schools requires at least one trimester of STEM programming. STEM continues to be an area of high visibility and importance, both in the nation and in our district. A STEM requirement still allows an array of courses but does not give up our ability to steer students toward critical skills and rigor.

This requirement can be met via math, science or engineering classes. It is our goal that technology tools and skills will be integrated into these courses. Note: Students are already required to take 3 years (9 credits) of science and math. All students must take Physical Science and Biology. Students must then take Chemistry or Physics as their third year of science. In order for a science class to meet the STEM requirement, it must be an additional trimester of science beyond the required 3 years.

STEM classes at Kennedy High School:

Human Anatomy & Physiology
Astronomy
Minnesota Biology
Introduction to Anatomy & Physiology
Chemistry (Conceptual, General or AP)
Physics (General or AP)
Forensic Science
Introduction to Engineering Design (PLTW)
Statway Math Class
Career & College Academy (select courses)
Psychology 1 and 2
AP Psychology
Select BCCA Courses

Civil Engineering and Architecture (PLTW)
Digital Electronics (PLTW)
Principles of Engineering (PLTW)
Pre-Calculus (General or Honors)
Calculus (General or AP)
AP Statistics
Senior Math
College Algebra and Probability
Computer Science Principles (General or AP)
Introduction to Skilled Trades
Introduction to IT (Information Technology)
Robotics

Note: *Many of these courses are more than 1 trimester in length. Students are strongly encouraged to take the entire course, but need only take 1 trimester in order to satisfy the STEM graduation requirement.*



Advancement Via Individual Determination (AVID)



AVID (Advancement Via Individual Determination) is an elementary through postsecondary college readiness system that is designed to increase school-wide learning and performance. The AVID system accelerates student learning, uses research-based methods of effective instruction, provides meaningful and motivational professional development, and acts as a catalyst for systemic reform and change.

The AVID curriculum, based on rigorous standards, was developed by middle and senior high school teachers in collaboration with college professors. It is driven by the WICOR method, which stands for writing, inquiry, collaboration, organization and reading. The AVID curriculum is used in AVID elective classes and in content area classes (language arts, math, science, and social studies) in AVID schools.

AVID targets students in the academic middle (B and C grade range) who have the willingness to work hard and desire to continue their education following graduating by attending a 2 or 4 year college/university, technical school or apprenticeship. These are students who are capable of completing rigorous curriculum with the educational support of the AVID elective. Typically, AVID students will be the first in their families to attend college, and many are from low-income or minority families.

Students will be selected after the completion of an application and interview commitment form. This course is a four-year elective and students will be expected to stay with the cohort through their senior year.

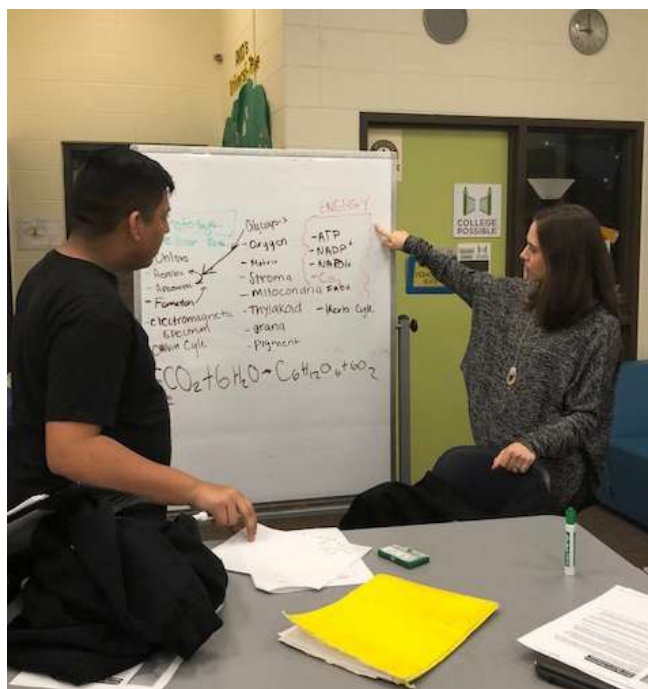
PREREQUISITE: Commitment Form and interview with Kennedy High School faculty and administration.

ET2100A 9th grade AVID
ET2100B
ET2100C

ET2101A 10th grade AVID
ET2101B
ET2101C

ET2102A 11th grade AVID
ET2102B
ET2102C

ET2103A 12th grade AVID
ET2103B
ET2103C



Student - Athletes

NCAA DIVISION I REQUIREMENTS

If you plan to enroll in any Division I college or university you must:

1. Graduate from high school.
2. Must have grade point average of 2.3 or greater and also meet SAT or ACT test score requirements as listed on the NCAA Sliding Scale on their eligibility website.
3. Have completed **16** core courses:
 - 4 years of English
 - 3 years of Mathematics (Algebra I or higher)
 - 2 years of Natural/Physical Science (1 year of lab if offered by high school)
 - 1 year of additional English, Mathematics or Natural/Physical Science
 - 2 years of Social Science
 - 4 years of additional courses of English, Math, Natural/Physical Science, Social Science, Foreign Language, Comparative Religion or Philosophy.

NCAA DIVISION II REQUIREMENTS

If you plan to enroll in any Division II college or university you must:

1. Graduate from high school
2. Must have grade point average of 2.2 or greater and also meet SAT or ACT test score requirements as listed on the NCAA Sliding Scale on their eligibility website.
3. Have completed **16** core courses:
 - 3 years of English
 - 2 years of Mathematics (Algebra I or higher)
 - 2 years of Natural/Physical Science (1 year of lab if offered by high school)
 - 3 years of additional English, Mathematics or Natural/Physical Science
 - 2 years of Social Science
 - 4 years of additional courses of English, Math, Natural/Physical Science, Social Science, Foreign Language, Comparative Religion or Philosophy.

NCAA Eligibility website: www.eligibilitycenter.org

- All student-athletes must register on the NCAA Clearinghouse website. See your Counselor for more information.
- We recommend that student-athletes complete the online information in the 11th grade.
- Remember to have ACT or SAT scores sent to NCAA Eligibility Center by entering code 9999 when you register.
- Conceptual science classes will not meet the NCAA requirement for core science courses, nor will any Beacon classes meet NCAA core course requirements.
- Colleges may have questions about courses students have taken at Kennedy. If this occurs, have your college administrator contact the Counseling Office at 952-681-5027.



Fine Arts Education Requirements

The following courses listed meet the Fine Arts requirement from the Bloomington Public Schools:

Visual Arts:

Introduction to 2-D Art
Advanced 2-D Art
Introduction to 3-D Art
Advanced 3-D Art
Introduction to Craft Design
Advanced Studio Art
AP Art and Design
Introduction to Photography
Advanced Photography
AP Art History

Other Arts:

Film Studies
Intro to Computer Graphics
Introduction to Engineering Design
Civil Engineering and Architecture
Design Studio
Publications/Yearbook
Page to Stage



Music:

Band
Orchestra
Choir
Guitar Techniques I and II
Garage Band 1 and 2
Piano Lab
Ukulele
Ukulele Ensemble



Bloomington Graduation Requirements

Bloomington Students are required to complete 2 credits in the Fine Arts in order to graduate from Independent School District 271.

To earn a diploma from Kennedy High School, students must complete specific courses and earn 65 credits in mathematics, language arts, science, social studies, fine arts, physical education, health, STEM and other electives.

1. Satisfactory completion of 47 required credits.
2. Satisfactory completion of 18 elective credits.
3. Satisfactory completion of PGP (Personal Growth Plan) lessons/plan.

REQUIRED CREDITS:

| | |
|-----------------------------|--------------------------|
| <u>LANGUAGE ARTS</u> | <u>12 CREDITS</u> |
| English 9 | 3 credits |
| English 10 | 3 credits |
| English 11 | 3 credits |
| English 12 | 3 credits |

| | |
|----------------------|-------------------------|
| <u>MATH</u> | <u>9 CREDITS</u> |
| Intermediate Algebra | 3 credits |
| Geometry | 3 credits |
| Algebra 2 | 3 credits |

| | |
|------------------------------|--------------------------|
| <u>SOCIAL STUDIES</u> | <u>11 CREDITS</u> |
| Social Studies 9 | 3 credits |
| World History 10 | 3 credits |
| U.S. History 11 | 3 credits |
| Economics | 1 credit |
| Government | 1 credit |

| | |
|-----------------------|-------------------------|
| <u>SCIENCE</u> | <u>9 CREDITS</u> |
| Physical Science | 3 credits |
| Biology | 3 credits |
| Chemistry or Physics | 3 credits |

| | |
|----------------------------------|-------------------------|
| <u>PHYSICAL EDUCATION</u> | <u>2 CREDITS</u> |
| Physical Education 9 | 1 credit |
| Physical Education 10 | 1 credit |

| | |
|----------------------|------------------------|
| <u>HEALTH</u> | <u>1 CREDIT</u> |
| Health | 1 credit |

| | |
|--------------------------|-------------------------|
| <u>FINE ARTS*</u> | <u>2 CREDITS</u> |
|--------------------------|-------------------------|

* Credits must be completed in visual arts, media arts, theatre, dance or music. See page 19 for courses.

| | |
|---------------------|------------------------|
| <u>STEM*</u> | <u>1 CREDIT</u> |
|---------------------|------------------------|

* One STEM credit is required to graduate. See list of STEM courses on page 16.



TOTAL CREDITS: 65 CREDITS

Kennedy H. S. Credit Status Worksheet

Student Name _____ Grade _____ Date _____

This worksheet is provided to help you be aware of the number of credits you have earned to this point. Kennedy High school graduates need to complete every course listed below, along with a total of 65 credits.

| | 9 | 10 | 11 | 12 |
|-------------------------------------|--|--|--|--|
| | English 9 | English 10 | English 11 | English 12 |
| 12 Credits in English | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> |
| | Social Studies 9 | World History | U.S. History | Econ & Gov't |
| 11 Credits in Social Studies | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> |
| 9 Credits in Math | Algebra I | Geometry | Algebra II | |
| | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | |
| 9 Credits in Science | Physical Science | Biology | Chemistry/Physics | |
| | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | |
| 2 Credits in Fine Arts | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | | | |
| | | Phy Ed 9 | Phy Ed 10 | |
| 2 Credit Physical Education | | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | |
| 1 Credit in Health | | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | | |
| 1 Credit in a STEM Course | | <div style="border: 1px solid black; width: 30px; height: 20px; display: inline-block;"></div> | | |

Total Credits Earned to Date: _____

Credits Required to Graduate : 65

Comments:

Recommended:

Credit Makeup _____

New Courses for 2020-2021

Art Department:

Introduction to Craft Design - AR2015 (Fulfills 1 Art Requirement)

- Introduction to Craft Design is a class in which students develop visual communication skills by creating works of art traditionally known as crafts. These may include jewelry, weaving, textiles, beading, calligraphy, and bookmaking. Students will learn the potential of a variety of materials and explore various processes used in the traditional and modern world. Concepts in craft are studied with an emphasis on the elements and principles of art. Craft artists are studied in correlation with class projects and through these experiences students develop an awareness of style, culture, and originality. Students will learn and appreciate the importance of unique thinking and self-expression. This course cultivates a safe, creative and professional environment where students demonstrate respect for space, materials, and community.

FACS Department:

Food Chemistry - FC2036

- Cooking is really just chemistry! In this course, students will learn how basic chemistry concepts such as atomic structure, chemical reactions, gas laws, solutions, and organic compounds apply to food production. Students will design and conduct food related labs while learning sanitation and food preparation techniques. They will explore careers in the food industry and how food production affects the world we live in. This course meets the new state requirements for chemistry and is intended for those interested in the practical application of science or the food industry.

Educational Technology - FC2019

- This course is designed to provide opportunities to explore and develop skills in using current technology platforms, software, and formats; demonstrating the current best practices of using technology as a tool to enhance learning; integrating technology in today's kindergarten through twelfth-grade classrooms; and raising awareness of technological accessibility tools that could meet the needs of students with impairments or disabilities.

Multicultural Education - FC2020

- Introduces pre-service teachers to core concepts and approaches to multicultural education including issues related to student, family, and community diversity based on culture, language, race, class, gender, sexual identity, and disability. Issues discourses, hierarchy of education with regards to privilege, equity and access to high quality education are topics addressed as students use knowledge of their life experiences and those of diverse students in urban and rural public schools and learn culturally and linguistically responsive classroom strategies. Emphasis is placed on demonstrating the multicultural competence required of all successful teachers working with today's diverse youth.



Language Arts Department:

From Page to Stage - LA2036

- From Page to Stage is a course where students will read, write, and perform plays learning about all aspects of theater production. Students will explore how lighting, sound, props, costumes and text come together to tell a full story on the stage. Visiting theater artists will work with class as available.

Science Department:

Food Chemistry - FC2036

- Cooking is really just chemistry! In this course, students will learn how basic chemistry concepts such as atomic structure, chemical reactions, gas laws, solutions, and organic compounds apply to food production. Students will design and conduct food related labs while learning sanitation and food preparation techniques. They will explore careers in the food industry and how food production affects the world we live in. This course meets the new state requirements for chemistry and is intended for those interested in the practical application of science or the food industry.



Fine Arts Courses

AR2001 Introduction To Two-Dimensional (2D) Art: Drawing And Painting

1 Trimester
Grades 9, 10, 11, 12

Elective
Prerequisite: None

OR

AR2001W Introduction To Two-Dimensional (2D) Art: Drawing And Painting - ONLINE

Course Description: Students will have the opportunity to use and experiment with various two-dimensional tools, materials, and processes. The areas of drawing and painting will be studied among others. The basic elements and principles of art will be applied throughout the term. Evaluation: Each student will be evaluated according to his/her level of craftsmanship, creativity, and fulfillment of assigned objectives for each required assignment. In the ONLINE section, screencasts and video recording will be utilized for student communication and feedback with the instructor.

AR2002 Introduction To Three-Dimensional (3D) Art: Ceramics and Sculpture

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Course Description: In this introductory class, students will have the opportunity to use and express themselves with various tools, materials, and processes to create both functional and non-functional artworks. The area of ceramics and pottery (clay-hand building and wheel-throwing), and sculpture (paper mache, plaster, wood, environmental, and mixed media) will be studied. The basic elements and principles of art will be applied throughout the term. This class will prepare students for the advanced level three-dimensional classes including Sculpture and Ceramics.

AR2008 Introduction to Photography OR

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

AR2008W Introduction to Photography - ONLINE

Description: This course introduces students to the art of digital photography. The objective of this photography course is to provide a format for students to improve their visual and technical skills within the context of Fine Art photography. Coursework emphasizes photo composition and digital editing. Basic digital manipulations of images will be taught and students will present their work by creating an online digital portfolio. Coursework may include: Stop-Motion Animation and Screencast video recording. Screencasts and video recording will be utilized for student communication and feedback with the instructor.

AR2015 Introduction to Craft Design

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Description: Introduction to Craft Design is a class in which students develop visual communication skills by creating works of art traditionally known as crafts. These may include jewelry, weaving, textiles, beading, calligraphy, and bookmaking. Students will learn the potential of a variety of materials and explore various processes used in the traditional and modern world. Concepts in craft are studied with an emphasis on the elements and principles of art. Craft artists are studied in correlation with class projects and through these experiences students develop an awareness of style, culture, and originality. Students will learn and appreciate the importance of unique thinking and self-expression. This course cultivates a safe, creative and professional environment where students demonstrate respect for space, materials, and community.

AR2003A Advanced Two-Dimensional (2D) Art: AR2003B Drawing/Painting/Print Making

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Pass Introduction to Two-Dimensional Art

Course Description: This is an advanced level course in which students deepen their understanding in the fields of drawing painting and/or printmaking. Students use creative problem-solving to produce a series of art works involving planning, research, production, and evaluation of each piece. Emphasis is placed on the mastery of techniques, skills and processes necessary for producing painting works of art. Students gain an increased awareness and respect for various artistic and cultural styles. This course cultivates a safe, creative and productive environment where students demonstrate respect for space, materials and community.

**AR2004 Advanced Three-Dimensional (3D) Art
Ceramics and Sculpture**

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Intro to 3D Art

Description: In this advanced level course, students will refine their skills in ceramic and sculptural media while developing their own ideas and themes. The areas of wheel-throwing and hand-building with clay, plaster, paper mache and mixed media may be studied among other non-traditional 3-D techniques. Emphasis will be placed on idea conception, execution and craftsmanship. Students will use creative problem solving skills to plan, research, produce and evaluate a series of functional and non-functional artworks.

**AR2009A Advanced Photography
AR2009B**

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Intro to Photography

Description: This course provides students with a more in-depth study of photographic techniques and processes. Students will use their advanced skills and creative problem solving to develop their unique photographic vision. Students will explore new equipment and experiment with special effects achieved through filters.

**AR2013A Advanced Studio Art (formerly Honors Art)
AR2013B
AR2013C**

1 Trimester @ Continuous Progress Elective
Open To 11, 12
Prerequisite: Students must demonstrate exemplary performance in one or more advanced level art courses. Each student should express and discuss their interest in Honors Art with their art teacher(s).

Course Description: This course is designed for the mature art student who is self-motivated and self-directed in art. In this course students will be given the opportunity to choose areas of art for individual creative investigation. Students will be guided in developing personalized work that integrates study in three areas: 1. Art Production 2. Critical appreciation 3. Historical inquiry

**AR2014A AP Art and Design
AR2014B
AR2014C**

1 Trimester @ Continuous Progress Elective
Open To 12
Prerequisite: Instructor's approval

Course Description: The AP art class is designed for students who are seriously interested in the practical experience of art. AP Art is not based on a written exam; instead, students submit portfolios for evaluation at the end of the school year. It helps students to develop technical skills and familiarize them with the functions of the visual elements and encourages students to become independent thinkers who will contribute inventively and critically to their culture through the making of art. Students must have studio access for all 3 trimesters. Significant time for planning, experimenting, research, and production outside of class is required for the completion of this portfolio. Students may earn college credit.

**AR2016A AP Art History
AR2016B**

2 Trimesters Elective
Open To 10, 11, 12
Prerequisite: Commitment Form

Course Description: Advanced Placement is a national testing program run by the College Board. Students may earn college credit by passing the AP exam. This course will develop an understanding and knowledge of architecture, sculpture, painting, and other art forms within diverse historical and cultural contexts. In this course, students examine major forms of artistic expression for the past and the present from a variety of cultures. Students will learn to look at works of art critically, with intelligence and sensitivity, and to analyze what they see. This course will prepare students for the AP Art History exam to be given in May. Although creating visual works of art is one minor component of the course, this component is secondary and used to enhance the student's learning experience. No studio art experience is needed.



Performing Arts - Music

All band students should register for Band class. The instructor will conduct brief auditions each spring to determine band placement for the following year. There are two levels of band placement – Concert Band and Symphonic Winds.

AR2050A Band **AR2050B** **AR2050C**

3 Trimesters @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Instructor Approval

Course Description: All bands perform at several curricular and co-curricular functions throughout the school year including Regional and State Music Competition and Conference Festivals. All performances are an extension of the classroom and are therefore a required component of the grade. Students in band will increase their level of musicianship through advanced performance skills as well as the study of music theory and history. Students in Band also perform pep band music at athletic events throughout the year. Students are required to provide their own concert attire at a one-time cost.

Note: Symphonic Winds (AR2097A, B, C) is a full year course, Concert Band is a 2 to 3 Trimester option.

AR2058A Orchestra **AR2058B** **AR2058C**

3 Trimesters @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Audition with Instructor

Course Description: There are two ability-based orchestras at JFK - Concert Orchestra and Sinfonia Orchestra placement is determined by audition assessment, registration, and the overall instrumental needs of each group. All orchestras perform at several curricular and co-curricular functions throughout the school year including Regional and State Music Festivals. All performance settings are an extension of the classroom and are therefore a required component of the grade. Course content includes daily participation and performance in large and small ensembles, study of topics in music theory and music history, and individual performance assessment during each trimester. Students are required to provide their own concert attire at a one-time cost.

Note: Concert Orchestra is a full year course. Sinfonia is a 2 to 3 trimester option.

AR2072 Guitar Techniques I

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: None

Course Description: This course is designed to give students basic guitar proficiency. Students do not need any prior music experience to take Guitar I. Throughout the term, students will learn instrument care, standard tuning, music theory, basic 1st position chord structures and progressions, and how to play single line melodies (“rhythm” guitar and “lead” guitar). Students will also learn how to read standard guitar notation (not tablature). In addition to classroom pieces, which will cover a variety of different styles, students are highly encouraged to work on their own favorite style of music. Classroom instruments will be provided for all; however, students can use their own guitar if they choose.

AR2079 Guitar Techniques II **(Concurrent Enrollment)**

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: Guitar I

Course Description: Students will explore advanced guitar curriculum by performing barre chords, PIMA style finger picking, arpeggiation, tablature, and flat picking, while continuing to develop previously learned guitar techniques from Guitar Techniques I. Students will be encouraged to expand their musical vocabulary by learning songs and styles of their own interest. Reading and playing standard music notation is a required element of this class. This class is aligned with the Guitar course at Normandale Community College. Students in this class will earn dual credit for completing this course from Kennedy High School and Normandale Community College.

AR2076 Ukulele

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: None

Course Description: This introductory course provides students the opportunity to develop skills in playing the ukulele. Students will be involved with performing and singing, listening to and evaluating ukulele music.

AR2077 Ukulele Ensemble

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: Ukulele I

Course Description: Ukulele Ensemble will perform in various settings including large ensembles, quartets and trios, and solo performances. Through a number of projects, students will also develop skills in writing and arranging original music, and music theory.

AR2061A Cantare
AR2061B
AR2061C

3 Trimesters @ Continuous Progress Elective
Open To 9,10,11,12
Prerequisite: No Audition Required

Note: 9th Grade students may take two out of the three trimesters, if necessary, to complete required courses.

Course Description: Cantare is a mixed choir of students in grades 9-12 that meets throughout the year. Attendance is required at rehearsals and performances. It is a curricular choir with a broad range of experience levels (no experience necessary) in which students will work to perform a variety of musical styles, genres, and cultures. Students will learn to sing with a healthy vocal technique as well as work to improve their sight singing skills, musical language, musical knowledge and will demonstrate increased vocal ability by individual and small group performances in class and by community and school concerts.

AR2063A Viva Voce
AR2063B
AR2063C

3 Trimesters @ Continuous Progress Elective
Open To 9,10, 11, 12 (Women Only)
Prerequisite: Audition with Instructor

Course Description: Viva Voce is an advanced auditioned 9-12 women's choir. Attendance is required at rehearsals and performances. Students will work to perform a variety of musical genres, styles and cultures. Students will learn to sing with a healthy vocal technique as well as work to improve their sight singing skills, musical language, musical knowledge and will demonstrate increased vocal ability by individual and small group performances, school concerts and community performances.

AR2098A Kennedy Chorale
AR2098B
AR2098C

3 Trimesters @ Continuous Progress Elective
Open To 10, 11, 12 (Mixed)
Prerequisite: Audition with Instructor

Course Description: The Chorale is the top vocal auditioned concert choir at Kennedy. Students will work to perform a variety of musical genres, styles and cultures. Students will learn to sing with a healthy vocal technique as well as work to improve their sight singing skills, musical language, musical knowledge and will demonstrate increased vocal ability by individual and small group performances, school concerts and community performances.

AR2070 Garageband

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: None

Course Description: This course offers students the opportunity to create their own music using the digital music program Garageband. Students will combine computer skills with music improvisation skills as they work with Garageband software.

AR2071 Garageband 2

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: Garage Band

Course Description: Students will continue to create, perform and record their own music using the digital music program, Garageband. Students will further develop computer skills and combine these with musical improvisation skills as they work with Garageband music software. They will further their learning in the process of music creation and how to use Garageband to create and record their own compositions. Students will describe, interpret and evaluate their musical compositions and the compositions of other students. As a final project, students will create a podcast displaying and describing their musical compositions throughout the term.

AR2075 Piano Lab

1 Trimester Elective
Open to 9,10,11,12 Prerequisite: None

Course Description: Piano Lab introduces students to the fundamentals of piano playing. Students will learn and explore correct playing posture and hand position, musical notation in both treble and bass clef, and specific technique-based exercises and piano repertoire. Opportunities for solo and duet performances will also occur.



Family and Consumer Sciences

The focus of Family & Consumer Sciences is the work of the family, as it relates to the individual, family, community and employment. The courses offered enable students to use critical awareness, reflective thought and to take responsible action on the recurring concerns of the family.

FC2001A Design Studio FC2001B FC2001C

1 Trimester @Continuous Progress Elective
Open To 9, 10, 11, 12 Prerequisite: None

Course Description: This course is for innovative and creative students to develop their talents of interior design and fashion. Units of study will include elements and principles of design, color, recycling/repurposing/repairing and a variety of self-paced projects. Students will use specialized equipment, tools, and supplies to demonstrate basic skills. There will be a computer design component along with web-based sites such as *Pinterest*. Career opportunities in these fields will be discussed. Cost will vary depending on individual student projects. This course is designed for all levels of experience. Combines elements of former courses: Introduction to Creative Textiles, Advanced Creative Textiles, Interior Design and Fashion Design into one course.

FC2002 Introduction To Foods

1 Trimester Elective
Open To 9, 10, 11, 12 Prerequisite: None

Course Description: This introductory course is for the student who wishes to develop basic cooking skills along with the ability to make the best consumer and nutrition choices for their lifestyle. This hands-on class includes many cooking labs that include breads/grains, fruits, vegetables and meal preparation. This course is a prerequisite for all other foods courses.

FC2003 Advanced Foods

1 Trimester Elective
Open To 10, 11, 12
Prerequisite: Intro Foods or Instructor Approval or Food Chemistry

Course Description: This course is designed for students to explore and develop advanced cooking skills and knowledge. Students will discover the culinary world of creative expression, including herbs and spices, pasta, cake decorating and cuisine. Students will build on skills learned in Introduction to Foods. This class is a prerequisite for Culinary and a requirement for Pro-Start certification. The National Restaurant Education Association developed Pro-Start for students interested in entering the restaurant, hospitality or lodging fields.

FC2005A Culinary FC2005B (College Course Articulation)

2 Trimesters Elective
Open To 11, 12
Prerequisite: Introduction To Foods and either Advanced Foods or Multi-Cultural Foods

Course Description: The culinary pathway at Kennedy and Jefferson High Schools will help students explore careers in the restaurant and hospitality industries. Students will learn skills that may lead to becoming a restaurant and food service professional. Students will refine their culinary skills by exploring breads, pastries, garnishing, breakfast foods, poultry, cuisines of the world, soups and stocks, desserts and more! Other topics of study include customer relations, safe food handling, food service costs, business math and working in the hospitality industry. At the completion of this course, students may meet requirements for Pro-Start certification. The National Restaurant Association Educational Foundation develops Pro-Start for students interested in entering the food service industry.

FC2004 Multi-Cultural Foods

1 Trimester Elective
Open To 10, 11, 12
Prerequisite: Introduction To Foods or Food Chemistry

Course Description: The focus of this course is to expose students to cultures around the world with their varying perspectives and ethnic cuisines. All of this will be addressed via hands-on lab experiences. Students will prepare foods from many cultures and gain an understanding of why foods are specific to certain regions. Community speakers will share their personal ethnic cuisines and family life experiences.

SC2036 Food Chemistry

3 Trimesters Elective
Open To 9, 10, 11, 12 Prerequisite: None

Course Description: Cooking is really just chemistry! In this course, students will learn how basic chemistry concepts such as atomic structure, chemical reactions, gas laws, solutions, and organic compounds apply to food production. Students will design and conduct food related labs while learning sanitation and food preparation techniques. They will explore careers in the food industry and how food production affects the world we live in. This course meets the new state requirements for chemistry and is intended for those interested in the practical application of science or the food industry.

FC2009 Early Childhood Development I1 Trimester
Open To 9, 10,11,12Elective
Prerequisite: None

Course Description: This course will focus on the caregiving methods and development of infants (Birth - 1 year), toddlers (1-2 years), and preschoolers (3-5). Prenatal development will also be a focus of the class. Students will explore developmental characteristics in the areas of social, emotional, cognitive, and physical development. Students typically use the RealCare Baby Simulator or an alternative assignment in this class.

*Note: Skills Certificate with Precision Exam: Child Development (320).

*Note: After successful completion of both trimesters, students can potentially earn articulated credit through Hennepin Technical College.

**FC2010 Early Childhood Development II
(College Course Articulation)**1 Trimester
Open To 9, 10,11,12Elective
Prerequisite: Early
Childhood Development I

Course Description: This course prepares individuals for child related careers through personal interaction with children. Instruction is given in developing positive relationships with and learning experiences for children, childcare policies and management, guidance techniques, and health and safety concerns. On-site preschool and/or child care experiences will be a major component of the course.

*Note: Skills Certificate with Precision Exam: Early Childhood Education (323).

*Note: After successful completion of both trimesters, students can potentially earn articulated credit through Hennepin Technical College.

**FC2016A Introduction to Education
FC2016B (Concurrent Enrollment)**2 Trimesters
Open To 11, 12
Prerequisite: Instructor's Approval@ Continuous Progress
Elective

Course Description: This college-level course is designed to encourage students who possess personality traits found in good teachers and have a high level of academic achievement, to consider teaching as a career. Students are exposed to the many facets of education through class discussion, observation, and participation in public school classrooms. The second-trimester Introduction to Education course provides students with an objective look at education careers. Students will be given the opportunity to observe and to assist in a variety of educational settings as they continue to learn the strategies and techniques used by master teachers.

*Note: After successful completion of the class, students can potentially earn Concurrent Enrollment credit through Normandale Community College.

**FC2019 Educational Technology
(Concurrent Enrollment)**1 Trimester
Open To 11, 12Elective
Prerequisite: Intro to Ed

Course Description: This course is designed to provide opportunities to explore and develop skills in using current technology platforms, software, and formats; demonstrating the current best practices of using technology as a tool to enhance learning; integrating technology in today's kindergarten through twelfth-grade classrooms; and raising awareness of technological accessibility tools that could meet the needs of students with impairments or disabilities.

**FC2020 Multicultural Education and Human Relations in Schools
(Concurrent Enrollment)**1 Trimester
Open To 11, 12Elective
Prerequisite: Intro to Ed

Course Description: Introduces pre-service teachers to core concepts and approaches to multicultural education including issues related to student, family, and community diversity based on culture, language, race, class, gender, sexual identity, and disability. Issues discourses, hierarchy of education with regards to privilege, equity and access to high quality education are topics addressed as students use knowledge of their life experiences and those of diverse students in urban and rural public schools and learn culturally and linguistically responsive classroom strategies. Emphasis is placed on demonstrating the multicultural competence required of all successful teachers working with today's diverse youth.

FC2007 Relationships1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: This course is designed to help students understand the impact and influence of the family life cycle on their growth and development. Students will develop effective communication and conflict resolution skills, interpret the warning signs of an unhealthy relationship, and evaluate their own family system so that they are prepared for the changes they will face in their life.

FC2011 Independent Living

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Course Description: Independent Living prepares students to live on their own. Opportunities are provided for practicing decision making. Students will create a spending plan that will let them meet their goals and live within their income. Using computer technology, practical application, and real life simulation, students will enhance their quality of life by developing life skills for themselves and their families.

FC2018 Career and Personal Development

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Course Description: This class provides students with an opportunity to learn and develop the necessary skills to engage in life/career planning. Class topics include many areas of career development, from choosing a major and deciding on occupations to learning about resumes, interviewing, employability skills and job search strategies. Personal development will also be a focus of the class including self-assessments, decision-making, goal setting, and forming habits for success. Students will develop an academic/career development plan for high school and beyond.



Business & Marketing Education

The Kennedy Business Education department curriculum is designed to educate students for and about business. Education about business helps students develop skills which prepare them for the roles they will assume as adults. Education for business builds on these general understandings about business in a way that prepares students to be employed in a variety of careers.

As students continue their studies beyond high school, Business Administration continues to be one of the most popular majors. Occupational outlooks consistently show continued demand for employees with Business skills. The Business Education courses at Kennedy High School provide a solid foundation for continued learning or immediate entry to work. Courses provide hands on learning experiences with skills that everyone can benefit from.

BS2002 Introduction to Business Management (College Course Articulation)

1 Trimester
Open 9,10,11,12

Elective
Prerequisite: None

Course Description: This introductory class will give students exposure to different management styles, big vs. small business, business ethics, economics, and international business. The students will also focus on introductory concepts from financial, marketing, and human resource management. The students will also explore what it takes to make successful business decisions. Students will create a basic marketing plan for a new sports franchise, a human resource help wanted ad, and a taste test comparing generic vs. brand name products. This course will help students decide what other business classes they might want to take in the future.

BS2007 Personal Finance

1 Trimester
Open 9,10,11,12

Elective
Prerequisite: None

Course Description: Now more than ever, learning to handle your finances is very important to personal success. This class starts with career exploration because what you decide to do will impact your finances. This course will also cover budgets, benefits, investments, credit, taxes, all the types of insurance, and banking. Students will create spending and savings plans, as well as investigate numerous investment strategies from a personal and business perspective. This course gives students the opportunity to look into the future and see how managing your finances can positively impact your life.

BS2006 Introduction to Marketing (College Course Articulation)

1 Trimester
Open To 9,10,11,12

Elective
Prerequisite: None

Course Description: How do companies market to you and how do you market yourself? What are insider secrets into how stores like Target, Nike, or Apple operate? We are all influenced by business in one way or another. Whether we will run them, do business with them, or are employed by them. Students will learn about the basic marketing concepts and functions revolving around the "Four P's" of marketing: product, price, place, and promotion. Students will use these foundation marketing skills to create a marketing plan. All occupations require marketing skills, which give an individual an advantage in today's competitive marketplace.

BS2004 Sports and Entertainment Marketing

1 Trimester
Open To 9,10,11,12

Elective
Prerequisite: None

Course Description: This class will give students a unique opportunity to investigate careers available in sports and entertainment marketing. It will involve studying the four P's of marketing, market research techniques, advertising, publicity, and new product development. Students will participate in a virtual business simulation where they operate their own football franchise. This hands-on class will give students the opportunity to make decisions regarding pricing, staffing, research, promotion, and financing of their franchise.

BS2015 Social Media Marketing and Promotion (Concurrent Enrollment)

1 Trimester
Open To 9,10,11,12

Elective
Prerequisite: None

Course Description: The course is designed to provide students with the foundational concepts to digital and social media marketing. Students will make marketing decisions relative to leveraging Facebook, Instagram, Twitter, YouTube, and other social media platforms. Students will learn how to create a personal brand through practical, hands-on projects; and experiencing social media marketing through an online simulation. You will have a foundation to help you succeed in social media and digital marketing today and in your professions.

BS2011 Video Game Programming

1 Trimester
Open To 10,11,12
Prerequisite: C+ or better in Geometry

Elective

Course Description: Video Game Programming is a course designed to prepare you with technical skills for the game development, computer programming, graphic design, animation, and project management. Additionally this course will include exploration of career opportunities in the field of technology development.

**BS2001A Accounting A (Hybrid Option)
(College Course Articulation)**

1 Trimester
Open To 10,11,12
Prerequisite: None

Elective

Course Description: This is a “must have” class for all students who are interested in starting their own business or plan to pursue a business degree. Students will utilize their text along with accounting software to demonstrate an understanding of the accounting cycle focusing on the financial transactions of a service business. Students will work through problems utilizing the accounting journal general ledger, worksheet, and various financial statements. This course does offer six hybrid days to work on problems in a work environment of the student’s choice.

**BS2003 Basic Computer Skills
(College Course Articulation)**

1 Trimester
Open to 9,10,11
Prerequisite: None

Elective

Course Description: Many classes at Kennedy High School require use of computers for completing daily learning activities and projects. If you have limited computer experience this class is for you. Students will learn the basics of using a computer in the Kennedy technology environment. Topics will include managing files and folders, using a web browser, basic and advanced internet research techniques. Students will also learn how to use proper keyboarding techniques and shortcut keys to save time and improve productivity. Students will master basic and advanced features of word processing, spreadsheets and presentations. Upon completion students will be well prepared for technology in the classroom.

BS2009AW Mentorship - ONLINE

1, 2 or 3 Trimesters @ Continuous Progress Elective
Open To 12

BS2009BW**BS2009CW**

Prerequisite: None

Course Description: This course is designed for students who have a designed intern or mentor program set up by a partnering business or organization. If you are a member of Genesys Works program, Society of CPA Scholar program, or another program that sets up a structured program that offers training, orientation, adult mentoring, and/or volunteering opportunities approved by the work coordinators. You need to have a minimum of 10 hours a week in a intern/mentor or volunteer experience to receive 2 credits a trimester. If you put in a minimum of 4 hours a week in an intern/mentor or volunteer experience you can receive 1 credit a trimester.



Work Program - ONLINE COURSES

This is an online course given to students with the opportunity to receive elective credits for working during and outside the school day. The students are provided the advantage of learning entry level skills through work experience to attain career goals. These classes provide credits by holding and maintaining a job with a minimum of 5 hours for 1 credit or a minimum of 15 hours of work a week for 2 credits. Each student works in a school approved job. The teacher and the job supervisor work with the student to become a successful employee. If you want 2 credits each trimester, you must sign up for both Work Program/Seminar Online and Work Program/On-the-Job Online.

BS2040AW Work Program Seminar - ONLINE

BS2040BW

BS2040CW

3 Trimesters @ Continuous Progress Elective
2 years maximum participation
Open To 11, 12

Course Description: Students must register for Seminar course first, especially if you are only taking one credit of work for elective credits. This portion of the online class is used to reflect on the world of work. This part of the course will have weekly assignments based on goals, employment skills, succeeding in work, human relations, personal finance, and career exploration. Must work a minimum of 5 hours a week. Students will not only be held accountable in the workplace but also in the classroom. Students will need to turn copies or pictures of their pay stub preferably by email to their work coordinator. This course is a privilege for the students to help balance school and work responsibilities.

BS2050AW Work Program Experience/On-the-Job - ONLINE

BS2050BW

BS2050CW

3 Trimesters @ Continuous Progress Elective
2 years maximum participation
Open to 11, 12

Course Description: Opportunity for 2 credits a trimester. Students will be employed and earn wages in a job supervised by their employer and receive feedback by their work coordinator. Not only will they take Seminar and do weekly assignments, but each student must work a minimum of 15 hours a week at their job. Quitting or getting fired from their job can result in loss of credit for the course. Students must stay in communication with the work coordinator if they choose to leave their job. Do not leave a job unless you have a new job; except for extenuating circumstances that have been communicated to the work coordinator. These courses may be registered for more than once as continuous progress, but no more than 2 years, during their junior and senior years of high school.



Career and Technical Education



The Career and Technical Education curriculum offers a variety of courses. These courses are intended to offer students an opportunity to pursue a broad technically oriented sample of technology, as well as study in-depth areas of personal interest. After the introductory course in each area, you will find an advanced course listed. These advanced courses may be registered for more than once (continuous progress). Instructors will provide a continuum of instruction so that students will be assured of learning new skills even though students may have taken the course before. Credit will be given for advanced courses that are taken more than once.

Project Lead The Way

Project Lead The Way (PLTW) is a math, science, technology and engineering curriculum designed to address the nation's shortage of engineers and technologists. PLTW engineering courses introduce students to the scope, rigor and disciplines of engineering prior to entering postsecondary education. Students will benefit greatly from the knowledge and logical thought processes that result from taking some or all of the courses provided in the curriculum. By engaging in hands-on, project-based learning, students understand how the skills they are learning in the classroom can be applied in everyday life. PLTW curriculum is centered around the idea of bringing practical application to students while their opinions about careers and interests are still forming.

Students in the PLTW courses are eligible to test for University of Minnesota, Minnesota State University-Mankato, and St. Cloud State University transcript credit upon meeting course requirements and are eligible to receive articulated credit with Normandale Community College upon meeting course requirements. Colleges throughout the country may accept PLTW courses for college credit. You should check with the college or university of your choice for specific criteria in a program or major. Not all credits will move into all programs or majors at these universities.

Note: Students earn a weighted grade credit for the PLTW courses.

CT2001A Introduction To Engineering Design (PLTW) CT2001B (College Course Articulation)

2 Trimesters
Open To 9,10,11,12

Elective
Prerequisite: None

Course Description: Introduction to Engineering Design is for students who are interested in design and engineering. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work. They will use a state-of-the-art 3D solid modeling design software to help them design solutions and solve proposed problems. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards and technical documentation.

CT2003A Civil Engineering and Architecture (PLTW) CT2003B (College Course Articulation)

2 Trimesters
Open To 10,11,12

Elective
Prerequisite: None

Course Description: Students learn important aspects of building and site design and development. They apply math, science, and standard engineering practices to design both residential and commercial projects and document their work using 3D architecture design software.

CT2004A Digital Electronics (PLTW) CT2004B (College Course Articulation)

2 Trimesters
Open To 10,11,12

Elective
Prerequisite: None

Course Description: 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.

CT2002A Principles of Engineering (PLTW) CT2002B (College Course Articulation)

2 Trimesters
Open To 10, 11, 12

Elective
Prerequisite: None

Course Description: Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

CT2008 Digital Imaging1 Trimester
Open to 9, 10, 11, 12Elective
Prerequisite: None

Course Description: Students will learn the techniques and skills of manipulating images through the use of digital cameras and software. Using Photoshop, students will learn how to manipulate resolution, image size, pixels, color modes, enhancement tools and digital output. Students will create an electronic portfolio of their work and learn the criteria for critiquing their own and others digital images.

CT2028 Introduction to IT (Information Technology)1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This course exposes high school students to IT topic areas and a broad range of computing-based skills and competencies that today's employers are seeking: Office Productivity, Digital Media, Trends and Impacts of Computing, Networks and the Internet, Computing Systems and IT Services, Technology Careers, Game Development and Design, Data and Analysis, Algorithms and Programming. This course has been developed by Minnesota State – IT Center of Excellence.

CT2006 Robotics1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: The purpose of this course is to develop the necessary problem-solving and technical skills for a student to design and build robots and machines that perform specific tasks. This course will also provide a foundation for pursuing further engineering careers/pathways including principles of engineering, physics, electronics, mechanics, and computer programming. Laboratory experiments will require students to build simple robots and machines to demonstrate these principles.

CT2009 Introduction to Computer Graphic Arts1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This course is designed to teach students the basic fundamentals of industry standard graphic design software. They will be introduced to and use the design process, along with design principles, to create solutions for a variety of graphic design problems. Students will have an emerging understanding of the field of computer graphics and design.

CT2027 Introduction to Skilled Trades1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This course is intended for students who are looking for a hands-on learning experience, while explore several career areas of Technology Education. It is highly recommended that you have not taken any other Technology Education courses (Woods, Metals, Auto, Computer Graphics or PLTW) yet at Kennedy High School. This course is centered on the Minnesota Career Fields, Clusters and Pathways and will focus on the following career fields; 1) Arts and Communication and 2) Engineering, Manufacturing and Technology. It is designed to offer students a range of opportunities and hands-on experiences in career fields that they may want to pursue in the future. Activities and career research will be focused the following career clusters: Visual Arts, Printing, Digital Communication, Architecture and Construction, Transportation, Manufacturing and Engineering.

CT2011 Introduction to Manufacturing Technology1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This course is designed to provide the student with a hands on learning experience in the basic fundamentals of metalworking. The student's safety will always be the number one priority in class at all time. Units to be covered (but not limited to): machine operation and safety, sheet metal fabrication, MasterCam software, CNC plasma cutting, welding and use of the metal lathe. Final grade will be determined by the student's knowledge and understanding of topics covered, attention to personal safety and completion of projects throughout the trimester.

CT2014 Introduction to Woodworking1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This is a hands-on, project-based course designed to teach the basic fundamentals of woodworking. It is intended to introduce students to basic technologies, principles, concepts, and techniques involved in the woodworking process. Students will safely and correctly use hand and power tools and proper woodworking techniques such as layout, joinery, and finishing to produce several projects.

CT2015A Advanced Woodworking / Building Construction
CT2015B
CT2015C

1 Trimester @ Continuous Progress Elective
 Open To 9, 10, 11, 12
 Prerequisite: Intro to Woodworking

Course Description: This class is intended to build on the skills, techniques, and knowledge learned in the Introduction to Woodworking class. Students will also be exposed to the construction trade through hands-on experience in site development, blueprint reading, carpentry framing, siding, trim work and roofing. Students will design and develop their own plan for an advanced woodworking or carpentry project and construct the project. Students are responsible to buy the materials needed for the project they choose to design and build. Students will learn more advanced woodworking and carpentry skills and also explore career options within the industry. Combines Advanced Woodworking and Building Construction into one course.

CT2019 Introduction to Auto Mechanics

1 Trimester Elective
 Open To 9, 10, 11, 12 Prerequisite: None

Course Description: This course will focus on the basic concepts of the 4-stroke engine and basic car maintenance. Students will disassemble, inspect and reassemble a 4-stroke cycle engine while learning maintenance and repair techniques. Each student will be given a Briggs & Stratton power portal login to access the vast amount of repair knowledge on their website. Students will learn safe and proper use of hand, power and general automotive repair equipment while doing maintenance and troubleshooting activities.

CT3013 Construction Apprentice Prep

1 Trimester Elective
 Open To 11, 12 Prerequisite: Intro to Wood-working or Manufacturing

NOTE: This course is a two hour class, located at Kennedy High School. Students receive 2 high school credits (STEM or Elective).

Course Description: Students will build an understanding of the construction trades and learn about a variety of trade options, including those listed below:

| | | |
|---|--|---|
| <ul style="list-style-type: none"> • Boilermakers • Bricklayers • Cabinet Makers • Carpenters • Cement Masons • Electricians • Elevator Constructors • Glaziers | <ul style="list-style-type: none"> • Heat & Frost Insulators • Iron Workers • General Laborers • Interior Systems • Millwrights • Operating Engineers • Painters • Pipefitters | <ul style="list-style-type: none"> • Plasterers • Plumbers • Roofers • Sheet Metal Workers • Sign, Display & Screen Process • Sprinkler Fitters & Teamsters |
|---|--|---|

Students will build an understanding of the construction trades and learn about a variety of trade options, including those listed in the table above. This course will utilize the Building Trades Curriculum, and periodically utilize the facilities and staff at various Union Training Centers (JATC) for instruction and skill development. Students will have an opportunity to be certified in OSHA 10. Upon completion of the course students will be prepared to possibly enter an apprenticeship in one of the building trades of the construction industry, if desired. This course will only be offered during 5th & 6th hour.

**** OSHA 10 certification is available upon successful completion of course.****

Language Arts

LA2001A English 9
LA2001B
LA2001C

3 Trimesters
Open To 9
Prerequisite: None

OR

LA2001AW English 9 - ONLINE
LA2001BW
LA2001CW

Course Description: In this course students will study literature, mythology, composition, vocabulary and the structure of language. Students will also be required to read independently and develop critical thinking skills. Throughout the year students will focus on sentence, paragraph, and multi-paragraph writing. Students will fulfill the Bloomington Schools Essential Assessments by writing essays and responding to literature. The objectives of this course include developing and improving language skills in order to enhance written and oral communication; analyzing, interpreting and appreciating literature; identifying and increasing understanding of various literary genres (short story, novel, poetry, drama and classical mythology); developing proficiency in essay writing.

LA2002A Honors English 9
LA2002B
LA2002C

3 Trimesters
Open To 9
Prerequisite: None
This Course meets the 9th grade Language Arts requirement

OR

Course Description: This course will offer the academically motivated or gifted student an in-depth study of literature, composition, grammar and usage, vocabulary development, and speaking skills. The objectives of this course include elevating and expanding levels of creative, logical and critical thinking, improving skills in observation, imagination, organization and language fluency, broadening reading experiences and refining critical reading skills.

LA2063A Nobel Honors English 9
LA2063B
LA2063C

3 Trimesters
Open To 9
Prerequisite: Must qualify for Nobel program through Gifted & Talented department

Course Description: This course will offer the academically motivated or gifted student an in-depth study of literature, composition, grammar and usage, vocabulary development, and speaking skills. The objectives of this course include elevating and expanding levels of creative, logical and critical thinking, improving skills in observation, imagination, organization and language fluency, broadening reading experiences and refining critical reading skills.

LA2004A English 10: World Literature
LA2004B
LA2004C

3 Trimesters
Open To 10
Prerequisite: None

OR

LA2004AW English 10: World Literature - ONLINE
LA2004BW
LA2004CW

Course Description: This course covers world literature, critical reading, grammar, composition, research, speaking and listening. It emphasizes distinct forms of literature, i.e. novels, short stories, poetry and nonfiction. The emphasis is on the study of culturally diverse literature, application of literary terms, literary analysis, critical thinking and students' personal response to the literature. Student skills are developed in sentence structure, mechanics and organizing compositions. Vocabulary development will be stressed in reading, writing and speaking. Standards include critical reading, comprehension and persuasive literary analysis.

LA2057A Honors English 10: World Literature
LA2057B (Concurrent Enrollment)
LA2057C

3 Trimesters
Open To 10
Prerequisite: Minimum grade of B in English 9 course

Course Description: This course includes the study and interpretation of classic and contemporary works of world literature. Students will draw connections between literature and elements of culture. Students will be able to identify important patterns in literature. Students will be able to express their ideas logically and systematically in written and oral form. This class is aligned with Intro to Literature course at Normandale Community College. Students in this class will earn dual credit for completing this course from Kennedy High School and Normandale Community College.

**LA2006A / SS2007A Honors English 10: World Literature /
LA2006B / SS2007B (Interdisciplinary) AP World History
LA2006C / SS2007C (Concurrent Enrollment)**

3 Trimesters

Open To 10

Prerequisite: Minimum grade of a B in Social Studies or English course work and Commitment Form

Course Description: Honors World Literature gives students a survey of World Literature from the ancient to the modern. It also focuses on writing sophisticated literary analysis. Since Honors World Literature is taught along with AP World History, we take an interdisciplinary approach to learning. We will view the development of world cultures through the study of history, literature, philosophy, science and art. Students will learn to read more analytically and write more academically about literature, but they will also make connections between literature and important intellectual patterns in historical context. Students will hone their research skills and practice expressing their ideas logically and systematically in written and oral form.

The purpose of the AP World History Interdisciplinary course is to prepare students for the Advanced Placement World History exam and university-level coursework. The AP World History component will enable students to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their cause and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional and technological precedents that, along with parameters of geography, set the human stage.

*Note: All students are expected to take the AP World History exam.

**The Honors World Literature (Interdisciplinary) curriculum is aligned with Intro to Literature course at Normandale Community College. Students in this class will earn dual credit for completing this course from Kennedy High School and Normandale Community College.

**LA2008A English 11 American Literature
LA2008B
LA2008C**

3 Trimesters

Open To 11

Prerequisite: None

OR

**LA2008AW English 11 American Literature - ONLINE
LA2008BW
LA2008CW**

Course Description: This course focuses on a study of American literature and the culture from which it has developed. Critical reading and thinking skills are practiced in analytical writing and speech work. Students will become familiar with the work of major American writers and understand the historical, cultural and social influences on their writing. They will improve the skills needed to read deeply, think critically and communicate ideas clearly and confidently. Applying specific critical criteria and using the vocabulary of literary analysis, they will demonstrate the ability to interpret and evaluate complex works of literature.

**LA2010A / SS2012A AP English Language and Composition /
LA2010B / SS2012B AP U.S. History (Interdisciplinary)
LA2010C / SS2012C**

3 Trimesters

Open To 11

Prerequisite: Commitment Form

This is an interdisciplinary course taught in tandem with AP U.S. History. You must sign up for three trimesters of AP English Language and Composition and AP U.S. History (Interdisciplinary).

Course Description: As this course fulfills the graduation requirement for both AP English Language and Composition and AP US History, an interdisciplinary approach to American studies is utilized. Students view the American experience through the writings of diverse authors from various eras in history. Students understand the historical, social and cultural influences and connectedness of American authors and history. Additionally, the course teaches and requires students to write in several forms (e.g., narrative, expository, analytical, and argumentative essays) about a variety of subjects (e.g., public policies, popular culture, personal experiences). Students read complex texts from historical and contemporary American authors and write prose of sufficient richness and complexity to communicate effectively with mature readers. Students also learn how to analyze authors use language to influence their audiences. Students will develop analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Through the studies in the course, students will be prepared to take the AP English Language and Composition and the AP U.S. History exams in the spring.

*Note: All students are expected to take the AP English and Composition and AP U.S. History exams.

LA2017A AP English Language and Composition
LA2017B
LA2017C

3 Trimesters
Open To 11
Prerequisite: Commitment Form

Course Description: The purpose of this course is to enable students to read complex texts with understanding and to write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will read American novels, speeches, letters and essays, often analyzing how the authors use language to influence their audiences. Additionally, the course teaches and requires students to write in several forms (e.g., narrative, expository, analytical, and argumentative essays) about a variety of subjects (e.g., public policies, popular culture, personal experiences). Students will be prepared to take the AP English Language and Composition exam in the spring.

*Note: All students are expected to take the AP English Language and Composition exam.

LA2066A / LA2066AW English 11/12 - American Lit &
LA2066B / LA2066BW Humanities - ONLINE
LA2066C / LA2066CW

3 Trimesters
Open To 11, 12
Prerequisite: Commitment Form

This course is a two period class. One period will be in-person during the school day, and one period will be online outside of the regular school day. This course meets requirements for English 11 and English 12.

Course Description: The goal of this course is for the student to do an intense study of Language Arts standards. The class focuses on a study of literature and the culture from which it has developed. Students will become familiar with the work of major writers and understand the historical, cultural and social influences on their writing. They will improve the skills needed to read deeply, think critically and communicate ideas clearly and confidently. Applying specific critical criteria and using the vocabulary of literary analysis, they will demonstrate the ability to interpret and evaluate complex works of literature. As a part of the critical thinking process, students will demonstrate the ability to write using proper grammar, language mechanics, and other conventions of standard written English for a variety of academic purposes.

LA2015A English 12: Humanities
LA2015B
LA2015C

3 Trimesters
Open To 12
Prerequisite: None

OR

LA2015AW English 12: Humanities - ONLINE
LA2015BW
LA2015CW

Course Description: Students in this course will explore the question, “What does it mean to be human?” through the reading of a variety of texts. True involvement with the humanities means involvement with one’s self, so students will be expected to stretch and expand their capacities for thought by asking a multitude of questions and reflecting on possible answers. As a part of the critical thinking process, students will demonstrate the ability to write using proper grammar, language mechanics, and other conventions of standard written English for a variety of academic purposes. The three forms of academic writing focus on the personal narrative, the analytic essay, and a paper using the research process. This course may have a hybrid option.

LA2018A AP English Literature & Composition
LA2018B
LA2018C

3 Trimesters
Open To 12
Prerequisite: Commitment Form

Course Description: Includes selections from English American and world literature, its main focus is English literature from Shakespeare to contemporary writers. It includes systems of thought and methods of textual analysis that train students to read literature and to discuss and write about it in a scholarly way. Students will write a documented term paper, critically analyze both prose and poetry, and take a variety of tests to prepare for college work and the Advanced Placement exam in English Literature and Composition. Since the major focus of this course is the Advanced Placement examination in English Literature and Composition students are expected to take the exam in early May. This course may have a hybrid option.

*Note: All students are expected to take the AP English Literature and Composition exam.

LA2023 Creative Writing (Hybrid Option)1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: Student writing may include journals, personal assignments, memoirs, short stories, poetry, and drama. Students will study literary forms, develop style, and explore methods and techniques of a writer which include revising, rewriting, and preparing manuscripts for submission for publication. This course may have a hybrid option.

LA2029 Interpersonal Communication1 Trimester
Open To 11, 12Elective
Prerequisite: None

Course Description: Students will study the real-life, face-to-face communications between persons. Students will study perception, relationships, listening, self-concept, and gender differences. Students will increase their understanding of how perception affects all communication, gain valuable insight of communication nuances, increase their understanding of a positive self-concept, and understand the power of self-fulfilling prophecies.

LA2031 Speech (Hybrid Option)1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: Students will create and deliver informative, persuasive, oral interpretation, special occasion and other speeches. Group and individual speeches will be presented. Students will demonstrate increased poise and confidence in a variety of speaking situations, organizational skills, delivery skills, ability to work in group/team situations, and research skills. This course may have a hybrid option.

LA2034 Film Studies1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: This course is offered for students who are interested in the study of film. Students will study plot structure, characterization, set design, camera work, and editing. Students will demonstrate proficiency with film-related terminology and will demonstrate their ability to appreciate various directing/acting/producing techniques. They will also become familiar with some of the established producers/directors. The following course meets the Fine Arts requirement from the Bloomington Public Schools.

LA2037 Teen Literature1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: Students will read contemporary teen/young adult literature including novels, short stories and non-fiction. Selected texts generally have a publication date of 1990 or later. Students will analyze themes, explore characterization, study narrative structure, and come up with defining characteristics of the teen literature genre. Students will assess characters' motivations and compare the issues in the readings to real-life situations. Students will write a paper analyzing an assigned text. Additionally, they will present a persuasive speech in support of a specific title for inclusion as a required selection for the class. Finally students will participate in literary circles to evaluate novels for the elements of fiction.

LA2021 Mythology1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: This course takes an in-depth look at Greek and Roman mythology, focusing on myths of the gods, heroes and mortals. The course also includes mythologies from other cultures, including Asian, African, South American, European, and North American native cultures. Students will demonstrate familiarity with various mythologies and insight into the cultures that produce them. Students will conduct comparative studies concerning various mythological themes. Students will share their knowledge and insights through discussion, writing activities, research projects, and creative projects. Additionally, the course will explore mythology through contemporary films.

LA2036 From Page to Stage1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: From Page to Stage is a course where students will read, write, and perform plays learning about all aspects of theater production. Students will explore how lighting, sound, props, costumes and text come together to tell a full story on the stage. Visiting theater artists will work with class as available.

LA2028A Digital and Print Journalism
LA2028B (Eastside Edition)
LA2028C

1 Trimester
Open To 9, 10, 11, 12
Prerequisite: None

@ Continuous Progress
Elective

Course Description: Have you ever gone online to read about things that interest you like sports, technology, or music? Have you ever wanted to be part of an online community, writing for an audience to read your stuff? In this course, students apply skills in journalistic design, reporting, photography and production. The course is aimed at production of the student newspaper online and in print. Students work on writing, photography, layout and design, headlining, page design and layout, photo cropping and photo editing. Students learn the importance of meeting deadlines, refining organization and providing the student body with a print and online newspaper.

LA2038 African American Literature
(Concurrent Enrollment)

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Course Description: In this class students will read, discuss and write about major works by African American novelists, poets, dramatists, and essayists (along with selected filmmakers and musicians) in terms of the artistic and historical contexts. The course will survey African American literature from the period of slavery to contemporary society. A mature approach to subject material and discussions about race and racism is required.

****African American Literature is aligned with the same course at Normandale Community College. Students in this class will earn dual credit (concurrent enrollment) for completing this course from Kennedy High School and Normandale Community College.**

LA2039W Public Speaking - ONLINE

1 Trimester
Open To 9, 10, 11, 12

Elective
Prerequisite: None

Course Description: Students develop skills in organizing and developing a variety of effective speeches. Students incorporate a number of high-level skills, including selecting topics, analyzing audiences, researching topics, organizing speeches, using effective vocal and physical delivery, and adapting their presentation to the speaking situation. Students also develop poise and confidence in delivering material to an audience. They may learn aspects of television production, including operating technical equipment and delivering speeches for a television audience. Students may produce programming for distribution over cable television in that event.



Mathematics

MA2002A Intermediate Algebra Support MA2002B MA2002C

1-3 Trimesters Open To 9
Prerequisite: Placement based on test scores or
Teacher Recommendation

Course Description: This is a program for students needing math support. It is taught by a math teacher to review skills needed for algebra, to support the concepts learned in the Algebra course and to assist with organization and homework.

Evaluation: Students will be evaluated by meeting class requirements.

MA2001A Intermediate Algebra MA2001B MA2001C

3 trimesters Open To 9
Prerequisite: None

Course Description: Students are introduced to quadratic equations and inequalities. Using both linear and quadratic relationships, students will solve real-world problems. This will be accomplished using procedures such as factoring, simplifying rational expressions, graphing, and solving equations and inequalities. Students will build on prior learning from Algebra 8 and will deepen their explorations into conceptual understanding of slope, properties of equalities and inequalities, and solving systems of equations. Scientific calculators are required.

MA2005A Geometry Support MA2005B MA2005C

1-3 Trimesters Open To 10
Prerequisite: Placement based on test scores or
Teacher Recommendation

Course Description: This is a program for students needing math and science support. It is taught by a math and science teacher to review geometry and biology skills and to support the concepts learned in the Geometry and Biology courses. It will also assist with organization and homework. Evaluation: Students will be evaluated by meeting class requirements.

MA2004A Geometry MA2004B MA2004C

3 Trimesters Open To 10
Prerequisite: Successful completion of Intermediate
Algebra or Teacher Recommendation

OR

MA2004AW Geometry - ONLINE MA2004BW MA2004CW

Course Description: Students will know and be able to compose and decompose two-and three-dimensional figures; use decomposition to determine the perimeter, area, surface area and volume of various figures. They will be able to apply the trigonometric ratios sine, cosine and tangent to solve problems, such as determining lengths and areas in right triangles and in figures that can be decomposed into right triangles. Students will use flow charts to prove triangle similarity and congruence. Scientific calculators are required.

MA2009A Honors Geometry MA2009B MA2009C

3 Trimesters Open To 9, 10
Prerequisite: Intermediate Algebra Taken 8th Grade

Course Description: Students will know and be able to compose and decompose two-and three-dimensional figures; use decomposition to determine the perimeter, area, surface area and volume of various figures. They will be able to apply the trigonometric ratios sine, cosine and tangent to solve problems, such as determining lengths and areas in right triangles and in figures that can be decomposed into right triangles. Students will use flow charts to prove triangle similarity and congruence. This course moves at an accelerated pace with greater emphasis on self-directed discovery and learning, which allows for topics to be covered in greater depth and for the inclusion of additional topics. Scientific calculators are required.

MA2012A Algebra 2**MA2012B****MA2012C****OR****MA2012AW Algebra 2 - ONLINE****MA2012BW****MA2012CW**

3 Trimesters

Prerequisite: Successful completion of Geometry and Intermediate Algebra

Course Description: Students will represent and solve problems in various contexts using exponential functions, such as investment growth, depreciation and population growth. They will solve these equations graphically or numerically. They will know how to use calculators, graphing utilities or other technology to solve these equations. Students will build on prior learning from Algebra and Geometry, deepening their conceptual understanding of quadratic functions, sets of numbers and patterns.

MA2043A Statway Math Program**MA2043B (Concurrent Enrollment)****MA2043C (Hybrid Option)**

3 Trimesters

Open To 11, 12

Prerequisite:

Successful completion of Algebra

Course Description: Statway is a college level statistics class that focuses on learning statistics from a conceptual, real-world view while working on teams. We will investigate study design, sampling methods, descriptive statistics, graphing methods, linear and exponential models, an introduction to probability, as well as necessary topics from beginning algebra.

For 12th graders with an intention to attend a 4-year university, this course can be taken as a 4th year math credit and will fulfill the Mathematical/Logical Reasoning requirement for both STATWAY I (MATH 1080) & STATWAY II (MATH 1090) at NCC.

For 11th graders who plan to attend **Normandale Community College** and pursuing one of the pathways listed below, the **Statway Math Program** will fulfill the math requirement. **The STATWAY MATH COURSE fulfills the Mathematical/Logical Reasoning requirement at NCC and counts for both STATWAY I (MATH 1080) & STATWAY II (MATH 1090) at NCC.** If attending NCC and pursuing a pathway below, the Statway Math course will also fulfill the Algebra 2 high school graduation requirement. All 3 trimester are required.

Normandale Community College Pathways: Criminal Justice, Law Enforcement, Art, Communication Transfer Pathway, Creative Writing, Dental Hygiene, Exercise Science Transfer Pathway, History Transfer Pathway, Psychology/Sociology Transfer Pathway, Associate of Arts, Computers/Information Management, Business: Marketing & Management, Hospitality Management, Healthcare Systems Technology, Nursing, Theatre Performance Transfer Pathway, Theatre Production and Design Transfer Pathway, Women's Studies

Note: This course is a partnership of the concurrent enrollment program administered by Normandale Community College. Students will earn both high school and college credit for this course.

MA2016A Honors Algebra 2 (Hybrid Option)**MA2016B****MA2016C****OR****MA2016AW Honors Algebra 2 - ONLINE****MA2016BW****MA2016CW**

3 Trimesters

Prerequisite: Successful completion of Honors Geometry with C or above or Teacher Recommendation

Course Description: Students will represent and solve problems in various contexts using exponential functions, such as investment growth, depreciation and population growth. They will solve these equations graphically or numerically. They will know how to use calculators, graphing utilities or other technology to solve these equations. Students will build on prior learning from Algebra and Geometry, deepening their conceptual understanding of quadratic functions, sets of numbers, patterns and trigonometric functions. This course moves at an accelerated pace with greater emphasis on self directed discovery and learning, which allows for topics to be covered in greater depth and for the inclusion of additional topics. This course may have a hybrid option.

MA2013A Algebra 2 Support**MA2013B****MA2013C**

1-3 Trimesters

Open To 11

Prerequisite: Placement based on test scores or Teacher Recommendation.

Course Description: This is a program for students needing math support. It is taught by a math teacher to review algebra skills needed for Algebra 2 and to support the concepts learned in the Algebra 2 course. It will also assist with organization and homework.

MA2018A Pre-Calculus (Hybrid Option)
MA2018B
MA2018C

3 Trimesters Open To 10, 11, 12
Prerequisite: Grade of C- or better in all trimesters of Algebra 2 or Teacher Recommendation.

Course Description: In Pre-Calculus, students will explore and apply trigonometric functions to solve real-world problems. To accomplish this, students will represent and analyze these mathematical relationships using graphs, tables, and equations. They will also similarly explore other types of functions such as: exponential, logarithmic, polynomial, and rational. Students will use technology tools, especially graphing calculators, to solve real-world problems presented in this course. Students will build on prior learning from Algebra 2. They will deepen their explorations into conceptual understanding of exponential, logarithmic, polynomial, and trigonometric functions. Upon completion of this course, students will be prepared to take a calculus course, whether it is in high school, as a post secondary option, or in college. This course may have a hybrid option.

MA2046A Honors Pre-Calculus (Concurrent Enrollment)
MA2046B
MA2046C

3 Trimesters Open To 10, 11, 12
Prerequisite: Grade of B- or better in all trimesters of Algebra 2, C- or better in all trimesters of Honors Algebra 2, or Teacher Recommendation.

Course Description: This course includes an in-depth study of trigonometry, polar coordinates, and parametric equations. Students will also continue exploring several topics introduced in previous mathematics courses, including polynomial and rational functions, exponential and logarithmic functions, conic sections, and systems of non-linear equations. A TI 83/84+ graphing calculator is required.

Note: This course is a partnership of the concurrent enrollment program administered by Normandale Community College. Students will earn both high school and college credit for this course.

MA2024A Algebra 2 & Pre-Calculus **MA2025A**
MA2024B **MA2025B**
MA2024C **MA2025C**

3 Trimesters Open To 10, 11, 12
Prerequisite: Algebra I and Geometry

Course Description: This course is a great opportunity for students to complete Algebra 2 and Pre-Calculus in one year. It is designed for students who wish to complete Calculus by the end of their senior year but did not choose to accelerate in middle school. The design of the course will be to cover two days of material in successive class periods so that Algebra 2 will be completed by the middle of the year and Pre-Calculus by the end of the course. We feel that the course material is very compatible between these two courses with the concepts of Algebra 2 leading right into the material for Pre-Calculus. This course will require more homework and faster pacing due to the amount of material covered each day. However, the current Pre-Calculus course has been “flipped” (students watch videos out of class and work on practice / homework assignments in class with teacher assistance) and we will try to extend this idea to the Algebra 2 part of the course as well. This course may also be adapted to a hybrid. See course descriptions for Algebra 2 and Pre-Calculus for more details.

MA2020A AP Calculus AB
MA2020B
MA2020C

3 Trimesters Open To 11, 12
Prerequisite: Successful completion of Honors/Regular Pre-Calculus

Course Description: Students develop the idea of a rate of change into the concept of a derivative. They then learn several ways to calculate and approximate derivatives and use them to solve a wide variety of problems, including problems involving optimization and motion. Students develop the idea of net accumulation of change into the concept of a definite integral. They then learn several ways to calculate and approximate integrals and use them to solve a wide variety of problems, including problems involving area, volume, motion, and exponential growth. Students will understand the Fundamental Theorem of Calculus and the relationship between derivatives and integrals. Students will be able to solve separable differential equations and use them in a wide variety of applications. Students will use technology, especially graphing calculators, to solve real world problems throughout the course.

Note: Students should select either AP Calculus AB or AP Calculus BC, not both courses.

Note: Students are expected to take the AP Calculus exam.

MA2021A AP Calculus BC
MA2021B
MA2021C

3 Trimesters Open To 11, 12
Prerequisite: Successful completion of Honors/Regular Pre-Calculus

Course Description: In Advanced Placement Calculus BC, students will cover the entire content of AP Calculus AB, and also learn advanced techniques for evaluating limits and integrals, such as L'Hospital's rule, integration by parts, and partial fractions. Students will also extend the concepts of derivatives and integrals to parametric, polar, and vector functions. Students will understand the concept of an infinite series and how series can be used to approximate a variety of functions. Students will use technology, especially graphing calculators, to solve real world problems presented throughout the course.

Note: Students should select either AP Calculus AB or AP Calculus BC, not both courses.

Note: Students are expected to take the AP Calculus exam.

MA2023A Calculus
MA2023B
MA2023C

3 Trimesters Open To 11, 12
Prerequisite: Grade of C- or better in Pre-Calculus or
Teacher Recommendation

Course Description: In Calculus, students build on their knowledge of functions from previous math classes. Students develop the idea of a rate of change into the concept of a derivative. They then learn several ways to calculate and approximate derivatives and use them to solve a wide variety of problems, including problems involving optimization and motion. Students develop the idea of net accumulation of change into the concept of a definite integral. They then learn several ways to calculate and approximate integrals and use them to solve a wide variety of problems, including problems involving area, volume, motion, and exponential growth. Students will understand the Fundamental Theorem of Calculus and the relationship between derivatives and integrals. Students will use technology, especially graphing calculators, to solve real world problems throughout the course. **Note:** Students enrolled in this course are not being prepared to take the AP Calculus exam.

MA2032A AP Statistics
MA2032B
MA2032C

3 Trimesters Open To 11, 12
Prerequisite: Grade of C- or better in Algebra 2 or
Teacher Recommendation and Commitment Form.

Course Description: The AP Statistics course is composed of topics of data exploration, sampling and experimental design, probability, and statistical inference. Data exploration includes using graphical and numerical techniques to study patterns and departures from patterns. Sampling and experimental design emphasizes using a well-developed plan to collect data. Probability will compare and contrast theoretical probabilities with the actual outcomes of real-world situations. Statistical inference is a guide for drawing conclusions from sample data about a population parameter.

*Note: All students are expected to take the AP Statistics exam.

MA2034 Senior Math

1 Trimester Open To 12
Prerequisite: None

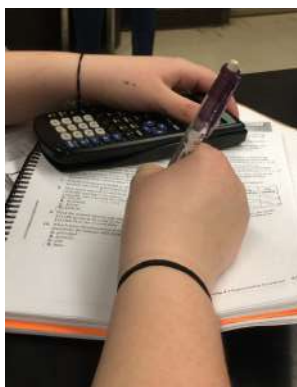
Course Description: The student will review math topics such as fractions, percents, ratio and proportion, integers, and basic algebra. This course will review math skills needed for post high school jobs and education options. The student will be able to problem solve using basic math computations and basic algebra solving techniques.

MA2026A College Algebra & Probability
MA2026B (Concurrent Enrollment)
MA2026C (Hybrid Option)

3 Trimesters Open To 11, 12
Prerequisite: Successful Completion of Algebra 2

Course Description: This is a math course for those students who are planning to go on to college in some form, but are not currently intending to take Calculus. Topics will include functions, models, inequalities, logarithms, systems, and various probability concepts. It will include many topics that began in Algebra 2, but with a deepened focus. Topics will be approached in a style more consistent with college learning. This course may offer a hybrid option.

Note: This course is a partnership of the concurrent enrollment program administered by Normandale Community College. Students will earn both high school and college credit for this course.



World Language

Why study a World Language? For many reasons! It not only provides practice in higher level thinking skills, but it also provides increased occupational opportunities in such fields as social services, law enforcement, tourism, health care, education, and journalism and international business. Studies have shown that studying a foreign language improves a student's performance on standardized tests of English. Students will become more culturally self aware and inter-culturally sensitive by studying a world language at Kennedy. Many colleges require at least two or three levels of world language study for admission. Students who are likely to choose a liberal arts major are strongly encouraged to begin world language study early and complete three or more years. This path is also recommended for students who plan to study abroad. Students who complete high school world language study may also be able to earn college credit at some colleges and universities. Students taking world language as a college prerequisite are advised to take four levels of the language.

IMPORTANT INFORMATION FOR INCOMING FRESHMAN:

Current 8th grade students who have participated in the Bloomington Middle Schools' French or Spanish programs and wish to continue French or Spanish at the high school level, will register for the level recommended for them by their 8th grade language teacher.

French

| | | |
|-------------------------|-----------------------|----------|
| WL2001A French 1 | 3 Trimesters | Elective |
| WL2001B | Open To 9, 10, 11, 12 | |
| WL2001C | Prerequisite: None | |

Course Description: This course is an introduction to the language and culture of French speaking countries. Students will learn to communicate about real-life topics including school, family, weather, leisure activities, places and telling time. Students will learn to communicate in simple present tense. Students will develop listening, reading, writing, speaking and culture awareness skills. Student will learn to understand spoken and written French in a variety of situations and will learn to speak and write appropriate to their level.

| | | |
|-------------------------|---|----------|
| WL2002A French 2 | 3 Trimesters | Elective |
| WL2002B | Open To 9, 10, 11, 12 | |
| WL2002C | Prerequisite: French 1 or Instructor's Approval | |

Course Description: After reviewing topics learned in French 1, students will learn to communicate about real-life topics including personal descriptions, food, clothing, shopping, vacations, and travel. Students will learn to communicate in the present tense, the near future and a simple past tense. Students will develop listening, reading, writing, speaking and culture awareness skills. Student will learn to understand spoken and written French in a variety of situations and will learn to speak and write appropriate to their level.

| | | |
|-------------------------|--------------------------------------|----------|
| WL2003A French 3 | 3 Trimesters | Elective |
| WL2003B | Open To 10, 11, 12 | |
| WL2003C | Prerequisite: Completion of French 2 | |

Course Description: Students will continue to review, reinforce and expand previously learned materials. Topics include: Sports, shopping, food, relating events in the past, autobiographical information, talking about health, body parts, giving and understanding commands, schools in France, the Francophone world and music of French-speaking countries. Students will learn to understand spoken and written French in a variety of situations and will learn to speak and write appropriate to their level. 80% of this class is taught in French.

| | | |
|-------------------------|--------------------------------------|----------|
| WL2004A French 4 | 3 Trimesters | Elective |
| WL2004B | Prerequisite: Completion of French 3 | |
| WL2004C | | |

Course Description: This is an upper level French course. Topics include: talking about the way things used to be, making comparisons and suggestions, describing emotions, giving advice, making excuses, outdoor activities, household chores, music, expressing doubt and necessity, and talking about the future. The course includes further study of France and other Francophone countries, as well as French films and short stories. Students will learn to understand spoken and written French in a variety of situations and learn to speak and write appropriate to their level. Taught 100% in French.

| | | |
|-------------------------|--------------------------------------|----------|
| WL2005A French 5 | 3 Trimesters | Elective |
| WL2005B | Prerequisite: Completion of French 4 | |
| WL2005C | | |

Course Description: Students will continue to review, reinforce and expand previously learned materials. French 5 builds on and expands listening, speaking, reading, and writing skills and cultural understanding that the student has acquired in levels 1, 2, 3, and 4. Units will include: movies, television, short stories, skits, presentations, journals, letters, summaries, and selected cultural topics. Students will learn to understand spoken and written French in a variety of situations and will learn to speak and write appropriate to their level. Taught 100% in French.

Spanish

WL2021A Spanish 1 **WL2021B** **WL2021C**

3 Trimesters Elective
Open To 9, 10, 11, 12
Prerequisite: None

Course Description: Students will work on mastery of beginning skills. Students will learn to understand spoken and written Spanish in a variety of situations and will learn to speak and write appropriate to their level. Students will be assessed in speaking, reading, writing, and listening. Topics include: greetings and introductions, telling time, numbers, the classroom, likes and dislikes, describing families, discussing past times, learning vocabulary associated with vacations, and understanding cultural perspectives.

WL2022A Spanish 2 **WL2022B** **WL2022C**

3 Trimesters Elective
Elective Open To 9, 10, 11, 12
Prerequisite: Successful completion of Spanish 1

OR

WL2022AW Spanish 2 - ONLINE **WL2022BW** **WL2022CW**

Course Description: Students will review and expand material learned in Spanish 1. Topics include: clothing and shopping, negotiating a price and buying, colors, daily routine, personal hygiene, food and descriptions of food, parties and celebrations, personal relationships, and stages of life. Students will work on mastery of introductory skills. Students will learn to use and understand Spanish in a variety of situations appropriate to their level.

WL2023A Spanish 3 **WL2023B** **WL2023C**

3 Trimesters Elective
Open To 9, 10, 11, 12
Prerequisite: Successful completion of Spanish 2

Course Description: Students will continue to grow in their proficiency and fine-tuning of their Spanish skills as they continue to learn, understand, and communicate at their appropriate level. Students will be assessed in speaking, reading, writing, and listening in a variety of formats. Topics include: health care, technology, the environment, childhood, art, politics, speaking in the past, present, and future grammatically -- all with a strong emphasis on cultural perspectives and comparisons.

WL2024A Spanish 4 **WL2024B** **WL2024C**

3 Trimesters Elective
Elective Open To 10, 11, 12
Prerequisite: Successful completion of Spanish 3

Course Description: Students will read short stories and further their understanding of the cultures of the Spanish-speaking world. Students will learn to understand spoken and written Spanish in a variety of situations and will learn to speak and write appropriate to their level.

WL2025A Spanish 5 **WL2025B** **WL2025C**

3 Trimesters Elective
Prerequisite: Successful completion of Spanish 4

Course Description: Students will continue to review, reinforce and expand previously learned materials. Spanish 5 expands listening, speaking, reading and writing skills and cultural understanding that the student has acquired in levels 1, 2, 3, and 4. Students will learn to understand spoken and written Spanish in a variety of situations and will learn to speak and write appropriate to their level. Spanish 5 is an appropriate class for Hispanic students who want to read and write in their native language.

Japanese

WL2041A Japanese 1
WL2041B
WL2041C

3 Trimesters
 Open To 9, 10, 11, 12
 Prerequisite: None
 Elective

OR

WL2041AW Japanese 1 - ONLINE
WL2041BW
WL2041CW

3 Trimesters
 Open To 9, 10, 11, 12
 Elective

Course Description: In Japanese 1, students will learn the grammatical structures and vocabulary to enable them to carry out activities at a very basic level with limited vocabulary and memorized phrases. They can ask and answer simple personal questions, express likes and dislikes, use basic courtesy expressions, and comprehend and respond to simple written personal communications. The students can introduce themselves, talk about their families, talk about daily routines, describe food preferences, tell time, use money, and talk about school subjects. Students will learn to read and write Hiragana and basic Kanji related to the other vocabulary that they are studying. Seventeen basic kanji are also introduced. Students will explore their own culture and learn the tools to develop intercultural sensitivity. The highly engaging textbook *Adventures in Japanese* and the *Shikansen Readers* will be used along with the teacher's created materials.

WL2042A Japanese 2
WL2042B (College in the Schools Credit)
WL2042C

3 Trimesters
 Open To 10, 11, 12
 Prerequisite: Japanese 1 and Instructor Approval
 Elective

Course Description: This course could be a concurrent enrollment course taught for college credit through the University of Minnesota based on teacher discretion. The first part of the course will teach Katakana and review grammar taught in Japanese 1. Trimesters 2 and 3 will follow the college curriculum. The CIS Japanese course aims to begin development of communication skills in Japanese. Therefore, we will learn the four skills of language (speaking, listening, reading and writing) as well as culture-specific skills. This course will cover Lessons 1 - 6 of *Genki*, including both sections of dialogue/grammar and reading/writing. It is expected that by the end of this course, students will have basic conversation skills in situations like those above and rudimentary literacy in Japanese. The students will master hiragana, katakana and 58 Chinese characters.

WL2043A Japanese 3
WL2043B (College in the Schools Credit)
WL2043C

3 Trimesters
 Open To 10, 11, 12
 Prerequisite: Japanese 2 and Instructor Approval
 Elective

Course Description: This course could be a concurrent enrollment course taught for college credit through the University of Minnesota based on teacher discretion. The CIS Japanese course aims to develop communication skills in Japanese. Therefore, students will continue learning the four skills of language (speaking, listening, reading and writing) as well as culture-specific skills. This course will cover Lessons 7-12 of *Genki 1*, including both sections of dialogue/grammar and reading/writing. It is expected that, by the end of this course, students will be able to use the above functions to talk about family and friends, describe health concerns and so on. Students will also be able to read and write short paragraphs, such as a report or letter. To facilitate literacy, students will also learn 87 kanji or Chinese characters (a total of 145 for the JPN 1011-1012).



Physical Education & Health

Note: Students must have a Kennedy t-shirt to wear while participating in Physical Education classes.

Note: 9th grade students can sign up for PH2001 or PH2002 to satisfy the 9th grade Physical Education requirement.

PH2001 Physical Education 9: Sports Activities for Life

1 Trimester
Open To 9

Required
Prerequisite: None

Course Description: This course fulfills the Physical Education graduation requirement for grade 9. This course will include dual, team and individual sport activities that can be performed throughout a lifetime. The student will demonstrate the basic knowledge of all concepts in class through discussion, presentations and activities. The student will understand and demonstrate how sportsmanship and teamwork can be used in all life situations. This course is ideal for students who enjoy playing games and sports while in physical education class.

PH2002 Physical Education 9: Personal Fitness and Nutrition

1 Trimester
Open To 9

Required
Prerequisite: None

Course Description: This course will have an emphasis and focus on fitness and nutrition, however it will also include team sports and sportsmanship components. Students will understand and demonstrate how sportsmanship and teamwork can be used in all life situations. This class is ideal for students who are interested in improving their own personal health and fitness level while participating in a non-competitive environment.

Note: 10th grade students can sign up for PH2005 or PH2006 to satisfy the 10th grade Physical Education requirement.

PH2006 Physical Education 10: Fitness in Team Sports (F.I.T.)

1 Trimester
Open To 10

Required
Prerequisite: None

Course Description: Fitness in Team Sports fulfills the Physical Education graduation requirement for Grade 10. This course will include dual, team and individual sport activities that can be performed throughout a lifetime. This course will have an emphasis on sports, games, participation and sportsmanship while also covering important fitness components. Students will analyze current fitness levels, study fitness concepts crucial to understanding total fitness, set fitness goals, prepare and implement a fitness plan and analyze fitness programs. This course is ideal for students who enjoy playing games and sports while in physical education class.

PH2005 Honors Physical Education (Concurrent Enrollment)

1 Trimester
Open To 10

Required
Prerequisite: None

Course Description: This course covers all standards being covered in regular PE 10, but with additional academic topics and requirements to fulfill concurrent enrollment credit at Normandale Community College. In addition to the PE 10 standards, this course will also include the American College of Sports Medicine Guidelines, Weight Management Theories, Nutritional Analysis, Essential Nutrients, and Eating Patterns, Exercise Selection and Equipment Use, Body Composition and Assessment. Students will participate in both physical fitness activities and classroom activities.

Note: This course is a partnership of the concurrent enrollment program administered by Normandale Community College. Students will earn both high school and college credit for this course.

PH2013A Advanced Physical Education PH2013B PH2013C

1 Trimester @ Continuous Progress Elective
Open To 11, 12
Prerequisite: Completion of PE 9 & 10

Course Description: Advanced Physical Education is for those who enjoy the competition that a physical education setting provides. This course will utilize games and sports to enhance individual fitness and sportsmanship. Students will gain a deeper understanding of advanced strategies while participating in selected activities and tournament play.

PH2015A Sports Training
PH2015B
PH2015C

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12 Prerequisite: None

Course Description: This course is intended for student athletes to develop personal strength, fitness, and skills related to their specific sport. Students will participate in aerobic and anaerobic activities, plyometrics, core training and power exercises for quickness, agility, coordination and explosiveness. This course is designed to improve sport specific skills and will emphasize cardiovascular fitness, weight control, speed, power, agility and flexibility. Students develop responsible behavior and work ethic through daily activities.

PH2014A Women's Weight Training
PH2014B
PH2014C

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: None

Course Description: Women's weight training is designed for girls who want to explore weight training. Students will gain the knowledge and experience in using free weights, machines and body weight exercises to develop a stronger and more toned body. An understanding of how the muscles perform and the effects of exercise has on the body, along with nutrition, will be emphasized. Application of these principles will be used in developing an individual fitness plan. A general introduction to the weight room, as well as weight training safety and etiquette are all a part of this course. Students develop responsible behavior and work ethic through daily workouts.

PH2016A Weight Training
PH2016B
PH2016C

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: None

Course Description: Weight training will give students the knowledge and experience to feel comfortable strength training using free weights, machines and body weight exercises. Students will understand how the muscles perform and the effects exercise has on the body. Application of these principles will be used in developing an individual fitness plan. A general introduction to the weight room and weight training safety and etiquette are a part of this course. This class is designed to meet the needs of beginning, intermediate and advanced weight trainers. Students develop responsible behavior and work ethic through daily workouts.

PH2026 Unified Physical Education

1 Trimester @ Continuous Progress Elective
Open To 10, 11, 12 Prerequisite: PE9, PE10

Course Description: This course combines students of all abilities to participate in developmentally appropriate activities including lifetimes activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

PH2010 Health

1 Trimester Required
Open To 10, 11, 12 Prerequisite: None

Course Description: The purpose of this course is to develop the basic knowledge and skills important for health literacy. Our students will become health literate, and take personal responsibility for their health and well being by learning to obtain, interpret and understand basic health information and services in ways that contribute to positive lifestyle changes.

The study of these topics will facilitate health literacy in:

- Chemical Abuse and Addiction
- Healthy Nutritional Habits
- Human Sexuality
- Mental Health and Wellness
- Lifesaving Techniques



Physical Education & Health - ONLINE

Note: Students taking these online physical education classes must be tech savvy, responsible, self-motivated, and have a strong work ethic. It is important to note that these classes are not for everyone.

PH2001W Physical Education 9: Personal Fitness & Nutrition **ONLINE**

1 Trimester
Open To 9

Required
Prerequisite: None

Course Description: This course will have an emphasis and focus on fitness and nutrition, however it will also include team sports and sportsmanship components. Students will understand and demonstrate how sportsmanship and teamwork can be used in all life situations. This class is ideal for students who are interested in improving their own personal health and fitness level while participating in a non-competitive environment.

PH2005W Physical Education 10: Fitness for Life **ONLINE**

1 Trimester
Open To 10

Required
Prerequisite: None

Course Description: This course fulfills the Physical Education graduation requirement for grade 10. Students will develop an understanding of their own fitness levels and how to maintain a healthy lifestyle. Students will analyze current fitness levels, study fitness concepts crucial to understanding total fitness, set fitness goals, prepare and implement a fitness plan and analyze fitness programs. A basic knowledge of human movement will also be emphasized in order for students to understand how physical activity is affecting their bodies. The importance of sportsmanship and teamwork is emphasized daily. Students will demonstrate personal and responsible behavior leading to a life long respect for healthy living.

PH2010W Health **ONLINE**

1 Trimester
Open To 10, 11, 12

Required
Prerequisite: None

Course Description: The purpose of this course is to develop the basic knowledge and skills important for health literacy. Our students will become health literate, and take personal responsibility for their health and well being by learning to obtain, interpret and understand basic health information and services in ways that contribute to positive lifestyle changes.

The study of these topics will facilitate health literacy in:

- Chemical Abuse and Addiction
- Healthy Nutritional Habits
- Human Sexuality
- Mental Health and Wellness
- Lifesaving Techniques



Photo by: Don Le

Summer Phy. Ed. & Health

Kennedy High School will be offering summer opportunities in Physical Education 9, Physical Education 10 and/or Health for students who need this option because they are taking elective courses that are full year electives, such as World Language, AVID or Music. The courses below will be offered during the summer at Kennedy. Please note the number of summer classes a student will receive is based on staffing and availability. There are no guarantees that students will be placed in one of the courses below.

For a description of any of the courses listed below, please see the Physical Education & Health section in this guide.

Note: Students taking these summer online classes must be tech savvy, responsible, self-motivated, independent and have a strong work ethic. It is important to note that these classes are not for everyone. To register, enter the course number on your computer when registering for classes.

SUMMER DATES: June 8 - July 31, 2020 (tentative)

SUMMER PHYSICAL EDUCATION 9: ONLINE

PH2004 Physical Education 9: Personal Fitness and Nutrition

1 Trimester
Open To 9, 10, 11, 12

Required

SUMMER PHYSICAL EDUCATION 10: ONLINE

PH2008W Physical Education 10: Fitness for Life
ONLINE

1 Trimester
Open To 10, 11, 12

Required

SUMMER HEALTH: ONLINE

PH2012W Health **ONLINE**

1 Trimester
Open To 10, 11, 12

Required



Science

SC2001A Physical Science 9
SC2001B
SC2001C

3 Trimesters
Open To 9

Prerequisite: None

Course Description: Physical Science consists of an introduction to chemistry and physics and also addresses new Minnesota state standards in earth science. Topics will include: The History and Nature of science, Measurement, Properties of Matter, States of Matter, Atomic structure and the Periodic table, Chemical Bonding, Chemical Reactions, Forces and Motions, Work, Power and Simple Machines, Energy forms and Transformations, Thermal Energy and Heat, Plate Tectonics, Relative and Absolute Dating (changes in the earth over time) formation of the Solar system and the Universe, Climate and Climate changes and Environmental issues. Skills Learned: Students will learn and apply fundamental inquiry skills, heighten their appreciation of the processes of science, learn how to solve problems as a member of a group, understand the impact of science on the world and apply basic laboratory techniques to the solution of problems.

SC2003A Honors Physical Science 9
SC2003B
SC2003C

3 Trimesters
Open To 9

This course meets the 9th grade science requirement

Prerequisite: Students should take this course based on the considerations of the student's GPA, recommendation of the student's middle school teacher or the aptitude and a strong desire to work at this level. It is expected that students who intend to take AP courses later in high school will enroll in this course.

Course Description: Physical Science consists of an introduction to chemistry and physics and also addresses new Minnesota state standards in earth science. Topics will include: The History and Nature of science, Measurement, Properties of Matter, States of Matter, Atomic structure and the Periodic table, Chemical Bonding, Chemical Reactions, Forces and Motions, Work, Power and Simple Machines, Energy forms and Transformations, Thermal Energy and Heat, Plate Tectonics, Relative and Absolute Dating (changes in the earth over time), formation of the Solar system and the Universe, Climate and Climate changes and Environmental issues. This course covers more material and in greater depth than the regular physical science course. Skills Learned: Students will learn and apply fundamental inquiry skills, heighten their appreciation of the processes of science, learn how to solve problems as a member of a group, understand the impact of science on the world and apply basic laboratory techniques to the solution of problems.

SC2005A General Biology
SC2005B
SC2005C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Physical Science 9

OR

SC2005AW General Biology - ONLINE
SC2005BW
SC2005CW

Course Description: The topics listed below will provide the student with a solid background in biology and help them prepare for the state science test. The topics covered in this course will include biochemistry, various aspects of cell biology, genetics, heredity, biological changes over time and ecology. Students will learn important concepts and information related to biology, experience working with a variety of scientific equipment and techniques; and gain an appreciation for the complexity and beauty of the biological world.

SC2007A Honors Biology 10
SC2007B
SC2007C

3 Trimesters
Open To 10, 11, 12

Prerequisite: C or better in Physical Science 9

Course Description: This course is a gateway to AP Biology, AP Chemistry and/or AP Physics. It is designed to be rigorous and will use a college level text. The topics listed below will provide the student with a solid background in biology and help them prepare for the state science test as well as AP science courses. The topics covered in this course will include biochemistry, various aspects of cell biology, genetics, heredity, biological changes over time and ecology. Students will be expected to complete a good deal of preparation and reading outside the classroom.

SC2009A AP Biology
SC2009B
SC2009C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Physical Science 9 & Commitment Form

Course Description: This course is a college level Biology course. It is designed to replace General Biology in college. Topics covered include: Molecules and cell, heredity and evolution, and organisms and populations. The purpose of the course is to prepare students for the AP Biology exam. The student will study the topics above to become proficient in the concepts that will enable them to pass the AP Biology exam and earn college credit.

*Note: All students are expected to take the AP Biology exam.

SC2011A General Chemistry
SC2011B
SC2011C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Physical Science 9

OR

SC2011AW General Chemistry - ONLINE
SC2011BW
SC2011CW

Course Description: The student will understand the atomic theory, structure and properties of matter, chemical bonding, periodicity, solutions, chemical reactions, interactions of energy and matter, and the historical significance of major scientific advances. The student will design and conduct an experiment by using the scientific method. Students will understand important chemical concepts, principles, and theories stated above through investigation and analysis. This course will prepare students who plan to go to college.

SC2010A Conceptual Chemistry
SC2010B
SC2010C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Physical Science 9

Course Description: This course emphasizes real world examples and lab experiences as it addresses the Minnesota State Standards for Chemistry. Chemistry explores the universe in terms of matter and the changes it undergoes. This course will provide a history of Chemistry and students will learn about the structure of the atom, the arrangement of the periodic table, ions, the mole concept and will design and conduct a scientific investigation. Conceptual Chemistry is a less rigorous course than General Chemistry that is intended to meet the MN science graduation requirement. This course is intended for students as a general background in Chemistry as part of their comprehensive education. Concepts classes do not meet NCAA athletics eligibility requirements.

SC2012A AP Chemistry
SC2012B
SC2012C

3 Trimesters
Open To 11,12
Prerequisite: Physical Science 9 & Commitment Form

Course Description: The student will investigate the specifics of chemical reactions. The main areas of investigation will include rates, equilibrium, redox reactions, acids-bases and neutralization. A major emphasis will be placed on problem solving and preparation for the AP exam. The student will study the topics listed above to become proficient in the mathematical and scientific concepts that are included on the AP Chemistry Exam. Students will use a college-level textbook and should expect rigorous reading and problem-solving challenges in order to prepare for the AP exam.

*Note: All students are expected to take the AP Chemistry exam.

SC2036 Food Chemistry

3 Trimesters
Open To 9, 10, 11, 12
Elective
Prerequisite: None

Course Description: Cooking is really just chemistry! In this course, students will learn how basic chemistry concepts such as atomic structure, chemical reactions, gas laws, solutions, and organic compounds apply to food production. Students will design and conduct food related labs while learning sanitation and food preparation techniques. They will explore careers in the food industry and how food production affects the world we live in. This course meets the new state requirements for chemistry and is intended for those interested in the practical application of science or the food industry.

SC2014A General Physics
SC2014B
SC2014C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Physical Science 9

OR

SC2014AW General Physics - ONLINE
SC2014BW
SC2014CW

Course Description: This course includes kinematics, Newton's Laws of Motion, gravitation, momentum, conservation of energy, wave motion, sound, light, electricity, electric circuits, magnetism and modern physics. Through acceptable performance in tests and activities, the student will demonstrate the ability to determine or designate the state of motion of an object from a record or from a set of observations. Students will demonstrate the ability to indicate an awareness and understanding of various wave phenomena, electricity and magnetism.

SC2013A Conceptual Physics
SC2013B
SC2013C

3 Trimesters
Open To 11, 12
Prerequisite: Physical Science 9

Course Description: This course emphasizes real world examples and lab experiences as it addresses the Minnesota State Standards for Physics. Physics is the study of the fundamental laws of nature. Students will explore the topics in mechanics including motion, forces, Newtons Laws, work, power and energy. Students will also analyze topics in electricity and magnetism, including electric fields, Coulomb's law, electric potential, circuits, induction and electric motors. Students will be introduced to waves, sound and light . Conceptual Physics is a less rigorous course than General Physics that is intended to meet the MN science graduation requirement. This course is intended for students as a general background in Physics as a part of their comprehensive education. Concepts classes do not meet NCAA athletics eligibility requirements.

SC2016A AP Physics
SC2016B
SC2016C

3 Trimesters
Open To 11, 12
Prerequisite: Physical Science 9 & Commitment Form

Course Description: The student will investigate physical occurrences, their relationships and causes. There will be a major emphasis on problem solving with preparation for the AP Physics 1 exam. Through acceptable performance in tests and activities, the student will demonstrate the ability to determine or designate the state of motion of an object from a record or set of observation. Systems will be described in terms of momentum and energy.

*Note: All students are expected to take the AP Physics exam.

SC2020 Astronomy

1 Trimester
Open To 9, 10, 11, 12
Elective
Prerequisite: None

Course Description: Astronomy is a science elective class that will acquaint students with the nature of the Universe. The course will cover the following topics: Motions of the Sky (celestial coordinates, rotation/revolution, seasons, constellations); The Sun-Earth-Moon system; The Tools of Astronomy; The Types, Composition, and Life Cycles of Stars; The Structure and Origin of the Universe; Space Travel; and the Solar System.

SC2023 Science Olympiad

1 Trimester
Open To 9, 10, 11, 12
Elective
Prerequisite: None

Course Description: This course allows students to explore and apply their knowledge in a competitive way. Those who enjoy exploring and applying their scientific knowledge to specific activities are encouraged to join. Students will design and construct structures, solve science problems, and use their competitive teamwork skills in a classroom setting. All events introduced in this class are relevant to the Minnesota Science Olympiad activities, and each student is encouraged to compete at the regional and conference Science Olympiad meets.

SC2027 Introduction to Anatomy & Physiology

1 Trimester
Open To 9, 10, 11, 12
Elective
Prerequisite: None

Course Description: This course is an introduction to the structure and function of the organ systems in the human body. Students will learn the terminology of anatomy, and will explore the gross (macroscopic) anatomy and functions of the musculoskeletal, cardiovascular, digestive, excretory and reproductive systems. Students will be exploring these systems utilizing physical models, virtual models, inquiry-based lab activities, and The Anatomy Coloring Book. Throughout this course, students will gain an understanding of basic medical terminology, and gain a working knowledge of human organ systems. This course is designed for students that having taken Biology and are interested in the medical field, and is designed to prepare students to take Anatomy and Physiology courses at the college level.

SC2017A Human Anatomy & Physiology
SC2017B (Hybrid Course)
SC2017C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Passed Physical Science and Biology

Elective

Course Description: This course will concentrate on the structural and functional aspects of the human body. The course will primarily study the various systems making up the body. A college level textbook is used. Students will understand or master important concepts and information by using the Clay Maniken model system. There is also the opportunity to do several dissections. Registering for all three trimesters is advised but not required.

SC2022A Forensic Science
SC2022B

2 Trimesters
Open To 10, 11, 12
Prerequisite: Pass Biology

Elective

Course Description: This course is for students who have an interest in law enforcement or the practical application of science. This course will examine what forensic science is, how crime scenes are processed, and the analysis of various forms of evidence. Topics include Physical Evidence, Physical Properties, Organic Analysis, Inorganic Analysis, Drugs, Toxicology, Arson, DNA, Fingerprints, Firearms and Document and Voice Examination.

SC2028 Minnesota Biology

1 Trimester
Open To 9, 10, 11, 12
Prerequisite: None

Elective

Course Description: This class is designed for students who have an interest in our local environment, its ecology, and the organisms that inhabit it. This 1 trimester course will survey Minnesota's plants and animals from basic identification, classification, physiology and behaviors. The course will focus on our trees, mammals and birds of our state. Additional topics will be the geological history of MN as well as environmental issues that affect MN. Field experiences outside of the classroom will include visits to our regional and state parks and undertaking an on-site restoration of our prairies.

CT2030A AP Computer Science Principles
CT2030B
CT2030C

3 Trimesters
Open To 10, 11, 12
Prerequisite: Video Game Program or Geometry

Elective

or

CT2030AW AP Computer Science Principles - ONLINE
CT2030BW
CT2030CW

Course Description: The AP Computer Science Principles course is designed to be equivalent to a first-semester introductory college computing course. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.

*Note: All students are expected to take the AP Computer Science Principles exam.

CT2031A Computer Science Principles
CT2031B
CT2031C

3 Trimesters
Open To 10, 11, 12
Prerequisite: None

Elective

Course Description: Computer Science Principles is designed to introduce students to the discipline of computer science. In this course, students will develop computational thinking vital for success across all disciplines, such as using computational tools to analyze and study data and working with large data sets to analyze, visualize, and draw conclusions from trends. The course is unique in its focus on fostering student creativity. Students are encouraged to apply creative processes when developing computational artifacts and to think creatively while using computer software and other technology to explore questions that interest them. They will also develop effective communication and collaboration skills, working individually and collaboratively to solve problems, and discussing and writing about the importance of these problems and the impacts to their community, society, and the world.

Social Studies

SS2001A Social Studies 9

SS2001B

SS2001C

3 Trimesters

Open To 9

Prerequisite: None

Required

Course Description: Students in this course will enhance their knowledge of United States history from the establishment of colonies through the ratification of the Constitution. They will develop an understanding of how political concepts impact civic life, society, politics, economics and government, and how their decision making role as citizens can impact public policy. Through the study of the Constitution, students will understand the purpose of constitutional government, and the meanings, requirements, obligations and privileges of United States citizenship. These will include the knowledge and skills required to be ethical, effective citizens in a democratic, multicultural society. In addition, students will make connections beyond the classroom and between economics and government by analyzing the characteristics of different economic systems, economic institutions and economic incentives. Students will also analyze how geography impacts social, political and economic activities

SS2059A Honors Social Studies 9 / AP Human Geography

SS2059B

SS2059C

3 Trimesters

Open To 9

This course fulfills the required Social Studies 9 credit

Prerequisite: Commitment Form

Course Description: Students in this course will enhance their knowledge of United States history from the establishment of colonies through the ratification of the Constitution. They will develop an understanding of how political concepts impact civic life, society, politics, economics and government, and how their role as citizens can impact public policy. Through the study of the Constitution, students will understand the purpose of constitutional government, and the meanings, requirements, obligations, and privileges of United States citizenship. In addition, students will make connections beyond the classroom and between economics and government by analyzing the characteristics of different economic systems, economic institutions, and economic incentives. This course offers students an opportunity to complete studies equivalent to a college-level introductory course in human geography. This course will serve as an excellent transition for students to Advanced Placement work in the high school. AP Human Geography is designed to introduce students to the study of patterns and processes that have shaped human understanding, use and alteration of the Earth's surface. Using spatial concepts and landscape analysis, students learn to examine human socioeconomic organization and its environmental consequences. The methods and tools used by geographers will be explored. Students will learn to analyze how cultural values, political regulations, and economic constraints work together to create landscapes. Geographic relationships and patterns at different scales (local, regional, national, global) will be analyzed. Students will learn to define regions and consider how and why they came into being and their broader significance in the world. The interplay of patterns and processes among different areas of the world will be investigated. Topics will include (1) Geography: Its Nature & Perspectives, (2) Population & Migration, (3) Cultural Patterns & Processes, (4) Political Organization of Space, (5) Agriculture, Food Production, and Rural Land Use, (6) Industrialization & Economic Development, and (7) Cities & Urban Land Use.

*Note: All students are expected to take the AP Human Geography exam.

SS2004A World History

SS2004B

SS2004C

3 Trimesters

Open To 10

Prerequisite: None

Required

OR

SS2004AW World History - ONLINE

SS2004BW

SS2004CW

Course Description: The course in World History is divided into two parts: ancient history and modern history. Students will examine and develop respect for the social, political, economic, technological and cultural institutions of early civilizations around the world. They will also examine how the spread of world religions impacted the world. Students will study the modern world since the Renaissance. The study of these eras will facilitate students' development of an information base in history. Students will make connections with previous learning about world history, analyze cause and effect relationships, communicate different interpretations of history, and recognize the nature of change and continuity as forces in our society. They will develop an individual identity and world view, and illustrate the influence of diverse ideals and beliefs on a theme or an event in the historical development of the world. This study will lead them to a greater understanding and appreciation of the world in which they live.

SS2007A / LA2006A AP World History / (Interdisciplinary)
SS2007B / LA2006B English 10: Honors World Literature
SS2007C / LA2006C (Concurrent Enrollment)

3 Trimesters
Open To 10
Prerequisite: Minimum grade of a B in Social Studies or
English course work and Commitment Form

Course Description: The purpose of the AP World History Interdisciplinary course is to prepare students for the Advanced Placement World History exam and university-level coursework. The AP World History component will enable students to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their cause and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional, and technological precedents that, along with parameters of geography, set the human stage.

Honors World Literature is designed to give students a comprehensive survey of World Literature from the ancient to the modern. It will also focus on writing sophisticated literary analysis. Since Honors World Literature is taught along with AP World History, we take an interdisciplinary approach to learning. We will view the development of world cultures through the study of history, literature, philosophy, science, and art. Students will learn to read more analytically and write more academically about literature, but they will also make connections between literature and important intellectual patterns in historical context. Students will hone their research skills and practice expressing their ideas logically and systematically in written and oral form.

*Note: All students are expected to take the AP World History exam.

**Honors World Literature (Interdisciplinary) will have curriculum aligned with the Modern World Literature course at Normandale Community College. Students in this class will earn dual credit for completing this course from Kennedy High School and Normandale Community College.

SS2006A AP World History
SS2006B
SS2006C

3 Trimesters
Open To 10
Prerequisite: Commitment Form

Course Description: The purpose of the AP World History course is to develop greater understanding of the evolution of global processes and contacts, in interaction with different types of human societies. This understanding is advanced through a combination of factual knowledge and appropriate analytical skills. The course highlights the nature of changes in international frameworks and their cause and consequences, as well as comparisons among major societies. The course emphasizes relevant factual knowledge deployed in conjunction with leading interpretive issues and types of historical evidence. The course builds on an understanding of cultural, institutional and technological precedents that, along with parameters of geography, set the human stage. Periodization, explicitly discussed, forms an organizing principle for dealing with change and continuity throughout the course. Specific themes provide further organization in the course, along with the consistent attention to contacts among societies that form the core of world history as a field of study. The program is designed to prepare students for intermediate and advanced college level courses by making demands upon them equivalent to those made by full year introductory college courses.

*Note: All students are expected to take the AP World History exam.

SS2008A U.S. History
SS2008B
SS2008C

3 Trimesters
Open To 11
Prerequisite: None

OR

SS2008AW U.S. History - ONLINE
SS2008BW
SS2008CW

Course Description: The course in United States History is divided into two parts: American history before and since 1900. The first half will focus on analyzing the social, political, and economic development of the U.S. from colonization through industrialization. During the second half students will examine how change over time occurred within society as a result of the major events of the twentieth century. The goal is to foster an appreciation for the history and culture of the nation in which they live.

The study of these eras will facilitate students' development of:

- An information base in history.
- An ability to make connections with previous learning.
- An ability to analyze cause-effect relationships.
- An ability to communicate different interpretations of history.
- An ability to recognize the nature of change and continuity as forces in our society.
- An ability to develop an individual identity and world view.

Students will illustrate the influence of diverse ideals or beliefs on a theme or an event in the historical development of the United States.

SS2012A / LA2010A AP U.S. History (Interdisciplinary) /
SS2012B / LA2010B AP English Language and Composition
SS2012C / LA2010C

3 Trimesters
Open To 11
Prerequisite: Commitment Form

This is an interdisciplinary course taught in tandem with AP English Language and Composition. You must sign up for three trimesters of AP English Language and Composition and AP U.S. History (Interdisciplinary).

Course Description: As this course fulfills the graduation requirement for both AP English Language and Composition and AP US History, an interdisciplinary approach to American studies is utilized. Students view the American experience through the writings of diverse authors from various eras in history. Students understand the historical, social and cultural influences and connectedness of American authors and history. Additionally, the course teaches and requires students to write in several forms (e.g., narrative, expository, analytical, and argumentative essays) about a variety of subjects (e.g., public policies, popular culture, personal experiences). Students read complex texts from historical and contemporary American authors and write prose of sufficient richness and complexity to communicate effectively with mature readers. Students also learn how to analyze authors use language to influence their audiences. Students will develop analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. Through the studies in the course, students will be prepared to take the AP English Language and Composition and the AP U.S. History exams in the spring.

*Note: All students are expected to take the AP English Language and Composition and AP U.S. History exams.

SS2011A AP U.S. History
SS2011B
SS2011C

3 Trimesters
Open To 11
Prerequisite: Commitment Form

Course Description: The AP program in United States History is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students will learn to assess historical materials, their relevance to a given interpretive problem, their reliability and their importance and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in an essay format.

*Note: All students are expected to take the AP U.S. History exam.

SS2014 Economics (Hybrid Option)

OR

1 Trimester
Open To 12

Required
Prerequisite: None

SS2014W Economics - ONLINE

Course Description: The study of economics will focus on local, national, and global economics decision-making. Central to economic decision-making is the examination of how individuals, households, businesses, and governments use scarce resources to satisfy unlimited wants and needs. Through the course of this study, students will compare how the rules and procedures of various economic systems will impact market outcomes (demand, supply, price) in the product market and in the resource market. Students will examine resource use decisions by analyzing public issues (in terms of production, distribution and consumption) and by exploring how policy alternatives impact local, national and global economic systems. Economic change and the resultant effects of such change on individuals, households, businesses, government and the environment will be studied.

Students will also analyze the behavior of public policy officials in the context of their honesty and integrity. Students will thus understand how economic change influences their lives and will recognize the importance of using economic reasoning as a tool to evaluate public policy alternatives. This course may have a hybrid option.

SS2033A AP Macro Economics
SS2033B

2 Trimesters
Open To 11,12

Prerequisite: Commitment Form

Course Description: The study of AP Economics will provide students with the analytical tools to examine how the central issue of scarcity impacts the decision-making of individuals, businesses and government. At the micro level emphasis will be placed on product markets, factor markets and the role of government. At the macro level emphasis will be placed on fiscal and monetary policies to alleviate unemployment, stabilize prices and promote economic growth. This course is consistent with College Board guidelines. Students will experience the academic rigor of a college course culminating in the successful completion of the AP Economics exam. This course will alternate every other year between AP Macro Economics and AP Micro Economics. Students who wish to take both the AP Macro and the AP Micro Economics Exams can take the course two years in a row.

*Note: All students are expected to take the AP Economics exam.

SS2016 U.S. Government1 Trimester
Open To 12Required
Prerequisite: None**OR****SS2016W U.S. Government - ONLINE**

Course Description: This course expands on the student's Civics and American History education. It focuses on how the federal government works, and the rights and responsibilities of citizens. Students will review the basic principles and foundations of American Government. This course will also prepare students to be active participants in their government and society by requiring them to observe a government or civic meeting. In numerous activities, students will analyze their role in a democratic society. They will examine how governmental issues are observable in current events, thus making strong connections between what is studied in class and what is happening in the world outside the classroom.

**SS2017A AP U.S. Government
SS2017B**2 Trimesters
Open To 12

Prerequisite: Commitment Form

Course Description: This course will explore the nature of the American political system, its development over the past two hundred years, and how it works today. Special attention will be given to the processes and institutions through which the political system functions as well as the public policies these institutions establish and implement. We will primarily look at the national government. This course will prepare students for the AP American Government exam. In addition, the course will help students develop the reading, writing, studying and critical thinking skills necessary for success in college. Students will have actual experience with a local, state or national governmental process or action which will prepare them for their own political participation as citizens of the US. Students will examine who governs and to what ends, with an ethical lens emphasizing citizenship, integrity and responsibility. Students will evaluate the government's decisions and institutions in relation to the students' ethical criteria. Students will develop criteria for evaluating public policy choices and through the use of oral and written language develop the ability to synthesize social science data to support a coherent argument. Students will identify important political, social and economic issues in American life and evaluate the impact of these issues on American political processes and institutions through time.

*Note: All students are expected to take the AP U.S. Government exam.

SS2058 Debate - Classic1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: Students will research a current debate topic and write debate arguments on each side of an issue. Students will debate their fellow students as they learn how to improve their own debate performance. Students will improve their individual debate skills and build skills in thinking, speaking and writing. The class will employ cooperative learning techniques and stress peer evaluation. Students will demonstrate proficiency in research, organization and presentation of information and arguments. Students will learn to develop a personal research plan, evaluate and assess their plan and implement it. They will learn to think, write and speak in a logical and concise manner, and learn to recognize sound arguments and identify faulty reasoning. Students will develop criteria for evaluating speakers based on ethical means of persuasion emphasizing honesty, integrity, respect and responsibility. Students will leave the course with the ability to research and write persuasively about a variety of topics. Students will be able to critically evaluate arguments they encounter outside of class.

SS2023 Wars In U. S. History I1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: Students will learn how America's first century was profoundly affected by wars, including the American Revolution, Wars with Mexico, Civil War, Native-American Conflicts and the Spanish-American War. Each Conflict will be examined from before, during and after to understand the causes and ramifications of the most significant wars in US History. Ethical and moral issues will be considered, to view American warfare through the eyes of politicians and commanders as well as soldiers and their families. Upon completion of the course, students will be able to see contemporary conflicts through the perspective of America's experience in previous wars.

SS2024 Wars In U. S. History II1 Trimester
Open To 9, 10, 11, 12Elective
Prerequisite: None

Course Description: Students will learn how America's recent century was profoundly affected by wars, including World War I, World War II, Korea and Vietnam during the Cold War, as well as the current War on Terror. Each Conflict will be examined from before, during and after to understand the causes and ramifications of the most significant wars in US History. Ethical and moral issues will be considered as we view American warfare through the eyes of politicians and commanders as well as soldiers and their families. Upon completion of the course, students will be able to see contemporary conflicts through the perspective of America's experience in previous wars.

SS2026 Criminal Justice I1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: This class focuses on the Criminal Justice System and its affect on students' lives. Students will begin by examining the makeup of criminal law and their basic rights related to criminal justice. Students will learn about law enforcement at both the local and federal levels and the responsibilities of these agencies. Students will examine discretion and criminal procedure and their role in police work. Students will investigate the steps of the judicial process. They will analyze the history and theories of the corrections system. Students will analyze the struggle of the criminal justice system to balance the rights of citizens with the protection of society.

SS2027 Criminal Justice II1 Trimester
Open To 10, 11, 12
Prerequisite: Criminal Justice I

Elective

Course Description: This course will build on what students learned in Criminal Justice I. Students will investigate some of the theories of why someone commits a crime. The class will identify examples of corruption in law enforcement and plans to reduce corruption. Students will examine many of the different occupations related to criminal justice system. Other topics that will be studied include hate crimes, major Supreme Court cases, the role of the media, serial killers, organized crime and the war on drugs.

SS2028 Psychology I1 Trimester
Open To 10, 11, 12Elective
Prerequisite: None

Course Description: Psychology I will develop students' understanding of the human mind and human behavior. Students will gain insight into themselves, others and society. The course serves as an introductory survey of the general concepts in psychology. Students will also demonstrate basic skills of psychological research. Students may take Psychology I alone or Psychology I & II. In Psychology I, students will develop an understanding of the core concepts of psychology in the following areas: Human Development, Social Psychology, and Research Methods.

SS2029 Psychology II1 Trimester
Open To 10, 11, 12
Prerequisite: Psychology I

Elective

Course Description: Psychology II will enhance students' understanding of the human mind and human behavior. Students will gain insight into themselves, others and society. The course serves as an introductory survey of the general concepts in psychology. Students will also demonstrate basic skills of psychological research. In Psychology II, students will develop an understanding of the core concepts of psychology in the following areas: Personality Theory, Psychological Disorders & Treatment, and the Brain and Behavior.

**SS2031A AP Psychology
SS2031B**2 Trimesters
Open To 10, 11, 12
Prerequisite: Commitment Form

Elective

Course Description: Advanced Placement Psychology is equivalent to an introductory college Psychology course, with the potential to earn college credit. The purpose of AP Psychology is to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to the psychological facts, principles and phenomena associated with the major sub-fields within psychology. Students will develop an understanding of the core concepts of psychology in the following sub fields: Biological Bases of Behavior, History of Psychology, Human Development, Sensation & Perception, States of Consciousness, Learning, Cognition, Motivation & Emotion, Personality, Abnormal Psychology, Treatment of Psychological Disorders, Testing and Individual Differences and Social Psychology.

Students will be able to apply psychological concepts to their own lives. They will be able to recognize psychological principles when they encounter them in everyday situations. Students will devise simple research projects, interpret and generalize from the results, and evaluate the validity of research reports. Students will develop critical thinking skills. They will become aware of the danger of blindly accepting or rejecting reports of research findings without careful and objective evaluation.

*Note: All students are expected to take the AP Psychology exam.

**SS2061A Minnesota History (Concurrent Enrollment)
SS2061B**2 Trimesters
Open To 11, 12Elective
Prerequisite: None

Course Description: Minnesota Heritage and Culture takes a deep look at Minnesota's past, present, and future. The course will use many of the social studies to get a well-rounded view of our home state. Geography, history, and anthropology will be used to help explore Minnesota's rich heritage. This course will focused on a multi-cultural perspective of Minnesota's History by analyzing the connections between geography, culture, politics and history. We will explore Native American perspectives, immigration, political activity, economic development and Minnesota's current status in the world. Throughout the two trimesters, we will analyze primary sources, watch documentaries, role play, debate, and travel to historical sites.

Note: This course is a partnership of the concurrent enrollment program administered by Normandale Community College. Students will earn both high school and college credit for this course.

Other Department Elective Options

ET2203 Senior Capstone Demonstration Project

1 Trimester Elective
Open To 12
Prerequisite: 3.5 GPA or Higher

Course Description: This course is an activity that provides a way for Kennedy students to demonstrate the knowledge and skills they acquired during their secondary school years of education. It engages students in a project/experience that focuses on an interest, career path or academic pursuit that synthesizes classroom study and real world perspective. High school students are asked to demonstrate their ability to apply key knowledge and skills by planning, completing and presenting a project linked to one or more areas of personal interest and the individual's post-secondary plan.

Students will work with a community advisor and faculty coordinator to develop an in-depth project, reflective portfolio, community service and/or internship. As a required part of the experience, the student will demonstrate the results of their study to a committee at the end of the term.

ET2202A Publications (Yearbook) ET2202B

2 Trimesters @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: None

Course Description: In Publications / Yearbook students apply skills in journalistic design, reporting, photography and production. The course is aimed at production of the student yearbook. Students work on writing, photography, layout and design, headlining, page design and layout, photo cropping and photo editing. Students learn the importance of meeting deadlines, refining organization and providing the student body with a history of the year. Students enrolled in the course are required to take terms one and two. Yearbook editors enroll in additional terms.

ET2204A Student Government ET2204B ET2204C

3 Trimesters @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Instructor's Approval

Course Description: Do you have opinions on how to improve Kennedy? Do something about it. Join Student Government. Student Government is designed to improve school climate using the leaders of the school. If you would like to be part of making a positive change at Kennedy, sign up for Student Government. Student who sign up will be interviewed prior to being enrolled in the class. There will be a community service component to the class. Students can take 1, 2 or 3 trimesters, unless otherwise approved by the instructor.

ET2200 Driver Education

1 Trimester Elective
Open To 9, 10, 11, 12 Prerequisite: None

Course Description: Students will complete units on: the driving task; controlling your vehicle; driving in different environments and situations; being a responsible driver; and vehicle ownership, care and maintenance. Students will learn to recognize and describe automobile driving as primarily a mental and social task involving the interaction of people, vehicles and environment in a complex transportation system. By successfully completing this course, students will satisfy the requirements for the classroom portion of the driver education program required by the State of Minnesota and be qualified to take the written test for their driver's permit. Student's will learn the basic principles of owning and operating a vehicle. Students will become aware of the various maintenance procedures needed to maintain a safe running vehicle.

IS2024 Genius Bar Independent Study

1 Trimester @ Continuous Progress Elective
Open To 9, 10, 11, 12
Prerequisite: Instructor Approval

Course Description: Students taking this independent study course will be learning and applying skills in a real-life experience while working at the Genius Bar in the media center. Students will focus their learning around three strands: Customer service and support skills, device management and troubleshooting, and an independent technology related project of the student's choice. A typical day for a Genius Bar student would involve self-paced learning of device repair or troubleshooting skills, developing help documents or videos for students or teachers, fixing broken Chromebooks, or working on an independent study project involving website design, coding, programming Arduino or Raspberry Pi, or any technology of the student's choice.

English Learners

| <u>T1:</u> | <u>T2:</u> | <u>T3:</u> | <u>Courses:</u> |
|----------------|----------------|----------------|---|
| EL2001A | EL2001B | EL2001C | Level 1 EL Reading |
| EL2002A | EL2002B | EL2002C | Level 1 EL Language Skills |
| EL2003A | EL2003B | EL2003C | Level 2 EL Grammar & Writing |
| EL2004A | EL2004B | EL2004C | Level 2 EL Reading |
| EL2006A | EL2006B | EL2006C | Level 3 EL Nonfiction Reading |
| EL2007A | EL2007B | EL2007C | Level 4 EL Reading and Writing |
| EL2008A | EL2008B | EL2008C | Level 1 EL Intermediate Algebra |
| EL2016A | EL2016B | EL2016C | Level 2 EL Intermediate Algebra |
| EL2009A | EL2009B | EL2009C | EL Intermediate Algebra Support |
| EL2010A | EL2010B | EL2010C | Level 2 EL Physical Science |
| EL2011A | EL2011B | EL2011C | Level 3 EL Biology |
| EL2012A | EL2012B | EL2012C | Physical Science 9 (EL Inclusion Class) |
| EL2013A | EL2013B | EL2013C | Biology 10 (EL Inclusion Class) |
| EL2017A | EL2017B | EL2017C | Level 3 EL English 9 |
| EL2065A | EL2065B | EL2065C | Level 3 EL English 10 |
| EL2015A | EL2015B | EL2015C | U.S. History (EL Inclusion Class) |
| EL2022A | EL2022B | EL2022C | EL Academic Language |

Special Education Programming

Students who have disabilities and identified educational needs determined from an evaluation related to hearing, vision, speech, physical mobility, learning, social, emotional, or behavioral needs may be eligible for special education services. Special education services may include the following: reading, writing, math, executive functioning (organization, time management, study skills), behavioral and emotional regulation, social skills, developmental adaptive physical education, and transition planning for postsecondary programs. These services could also include speech, language, fine motor, functional/life skills, and work programs. Students may not register for these services; Enrollment in these classes is a team decision and based upon the overall educational needs as outlined by a student's special education evaluation.



Career & College Academy



The Bloomington Career and College Academy (BCCA) is a unique, innovative high school option giving students the opportunity to explore or begin a career path, experience job training and applied learning from college instructors, earning college credit and high school STEM or elective credit. Students will graduate ready to continue their education and training, or begin a career. Upon successfully completing a BCCA pathway, students may graduate high school with one or more industry-recognized certificates or credentials.

Career and College Academy Pathway options include:

At Kennedy High School:

- **Construction Apprenticeship Preparedness**

On-Site at BCCA:

- **Cosmetology and Nail Technology**
- **Criminal Justice / Law Enforcement**
- **Healthcare: EMR, Health & Wellness Exploration, Introduction to Health Careers**
- **Health Unit Coordinator (HUC)**
- **Information Technology**
- **Nursing Assistant Registry / Home Health Aide**

At the BCCA Hub at Hennepin Technical College - Eden Prairie:

- **Automotive Technology Program**
- **Engineering, Robotics and Virtual Reality Manufacturing**

At the BCCA site, in the Community Education Building, courses are offered in two hour blocks (3&4 or 5&6) in order to complete all of the curriculum per trimester. Students will take core classes at Kennedy High School. Transportation will be provided between BCCA and the high school.

At the BCCA hub at HTC Eden Prairie, courses are offered in 3 hour blocks (4, 5 & 6) in order to complete the curriculum per trimester. The Automotive Technology and Engineering, Robotics and Virtual Reality Manufacturing pathways are based at Hennepin Technical College - Eden Prairie campus (HTC). Students will take core classes at Kennedy High School during periods 1-3. Transportation will be provided between HTC and the high school.

BCCA is closely aligned with the district's strategic plan, Pathways to Graduation, and Minnesota's World's Best Workforce legislation. Parents and students can learn more about the Career & College Academy at upcoming informational meetings or by calling or visiting:

Career & College Academy
Community Education Center
8800 Queen Ave. S. Suite 219
Bloomington, MN 55431
952-681-6138
www.bloomington.k12.mn.us/bcca

Courses are listed in the following pages. You can register for these elective courses during the registration process.

COSMETOLOGY:

NOTE: Cosmetology Introduction course must be taken first, but then students can double up the other classes, or take them a single trimester at a time. All hours accumulated in Cosmetology classes listed below will apply to the 1550 hours required for the MN Cosmetology License. Students with regular attendance will earn approximately 90 hours per course per trimester.

CHEMISTRY REQUIREMENT: Students who successfully complete the Introduction to Cosmetology, Cosmetology Concepts 1 and Cosmetology Concepts 2 sequence will earn 3 High School Chemistry credits. These courses must be taken in sequence over the three trimesters.

CT3001 Cosmetology Introduction

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive hours toward a Cosmetology License and 2 High School credits (STEM, 1 Chemistry or Elective).

Course Description: Includes an introduction to Cosmetology concepts and skills. This course is designed to help students explore a career in Cosmetology. The emphasis is on hair care, hair styling/braiding, special occasion hair styles, manicuring, basic facials, nail art, infection control, communication skills, basic electricity, anatomy and physiology, professional image, MN State laws and rules, safety and sanitation. Hands on workshops will include: shampooing, conditioning treatments, braiding, hair styling techniques, manicures, and basic facials.

CT3002 Cosmetology Concepts 1

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: CT3001

NOTE: Students receive receive hours toward a Cosmetology License and 2 High School credits (STEM, 1 Chemistry or Elective).

Course Description: This course is designed to help advance students toward their career in Cosmetology. The emphasis is on haircutting, artificial nail enhancements, facial waxing, infection control, life skills, diseases and disorders, nail structure and growth, MN State laws and rules, safety and sanitation. Hands on workshops will include: haircutting, hair styling, artificial nail enhancements, facials and facial waxing.

CT3003 Cosmetology Concepts 2

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: CT3002

NOTE: Students receive hours toward a Cosmetology License and 2 High School credits (STEM, 1 Chemistry or Elective).

Course Description: This course is designed to help advance students toward their career in Cosmetology. The emphasis is on hair color, foiling, artificial nail enhancements, advanced makeup, advanced facials, brow tinting, skin disorders and diseases, skin structure, growth and nutrition, infection control, communication, anatomy and physiology, MN State laws and rules, safety and sanitation. Hands on workshops will include: hair coloring, foiling, facials, waxing, all nail services, makeup, and brow tinting.

CT3026 Cosmetology Concepts 3

1 Trimester
Open To 11, 12

Elective
Prerequisite: CT3003

NOTE: Students receive hours toward a Cosmetology License and 2 High School credits (STEM or Elective).

Course Description: This course is designed to help advance students toward their career in Cosmetology. The emphasis is on corrective hair color, lightening of hair, perming, all nail services, advanced makeup, advanced facials, disorders and diseases, skin & nail structure, growth and nutrition, infection control, communication, anatomy and physiology, MN State laws and rules, safety and sanitation. Hands on workshops will include: corrective hair coloring, perming, all nail, skin and hair services.

CT3027 Cosmetology Clinic 1-6

1 Trimester
Open To 11, 12

Elective
Prerequisite: CT3027

NOTE: Students receive hours toward a Cosmetology License and 2 High School credits (STEM or Elective).

Course Description: This course is designed to help advance students toward their career in Cosmetology. The emphasis is on transitioning to the clinic floor services and working on clients, chemistry, communication skills, MN State laws and rules, safety and sanitation. Hands on clinic will include: all hair, skin and nail services.

NAIL TECHNOLOGY:

CT3041 Nail Technology Introduction

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive hours toward a Nail Technology License and 2 High School credits (STEM or Elective).

Course Description: This course is designed to help advance students toward their career in Nail Technology. The emphasis is on manicuring, pedicuring, artificial nail enhancements, infection control, life skills, nail diseases and disorders, nail structure and growth, MN State laws and rules, safety and sanitation. Hands on workshops will include: manicuring, pedicuring and artificial nail enhancements.

CT3042 Nail Technology Concepts 1

1 Trimester
Open To 11, 12

Elective
Prerequisite: Nail Technology
Introduction

NOTE: Students receive hours toward a Nail Technology License and 2 High School credits (STEM or Elective).

Course Description: This course is designed to help advance students toward their career in Nail Technology. The emphasis is on advanced manicuring, advanced pedicuring, artificial nail enhancements including acrylic and gel, chemistry, MN State laws and rules, safety and sanitation. Hands on workshops will include: manicuring, pedicuring and artificial nail enhancements.

CT3043 Nail Technology Concepts 2

1 Trimester
Open To 11, 12

Elective
Prerequisite: Nail Technology
Concepts 1

NOTE: Students receive hours toward a Nail Technology License and 2 High School credits (STEM or Elective).

Course Description: This course is designed to help advance students towards their career in Nail Technology. The emphasis is on artificial nail enhancements including acrylic and gel, nail art, MN State laws, rules, safety and sanitation. Hands on clinic will include: manicuring, pedicuring, and artificial nail enhancements.

****Students will be able to earn 270 out of 350 hours towards the MN Nail Technology License and prep for the State Board Exam. Upon High School Graduation or G.E.D., completing all hours, and passing the State Board Exams; the student should be able to obtain a full MN Nail Technology License.****



INFORMATION TECHNOLOGY COURSES:

NOTE: The IT pathway has classes that fulfill all of the requirements for the IT Service Desk Technician Occupational Certificate. CompTIA A+ Hardware/Software Certification is also available with successful completion of an additional exam as part of the A+ course.

| IT Service Desk Technician Occupational Certificate: |
|--|
| Information Systems (3 cr.) & Computer Security Awareness (3 cr.) bundle |
| Microsoft Office 365 (2 cr.) & Microsoft Office Productivity Apps 1 (3 cr.) bundle |
| A+ Hardware (3 cr.) & Software Support (3 cr.) bundle |
| PC Operating Systems (3 cr.) |
| Help Desk / User Support (3 cr.) |
| HTML and CSS (3 cr.) |

| | | |
|---|-----------------------------------|--------------------------------|
| CT3052 Information Systems & Computer Security Awareness (Concurrent Enrollment) | 1 Trimester Open To 10, 11, 12 | Elective Prerequisite: None |
|---|-----------------------------------|--------------------------------|

NOTE: Students receive **6 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description:

Information Systems - This course gives students a solid and detailed foundation in the principals of Information Systems through the most recent research, references, and examples in the field. Students will explore topics such as multimedia in today's business, application development for the iPhone, iPad, and similar devices, should computing, forecasting, and environmental design and green computing.

Computer Security Awareness - This portion of the course will be an online course facilitated by an in class instructor. This course will examine the issues surrounding computer security in today's highly technological world. The course is designed to provide an overview of security problems and overs information about staying secure, including maintaining a secure environment and how to avoid security attacks.

| | | |
|--|-----------------------------------|--------------------------------|
| CT3044 Microsoft Office 365 & Productivity Apps 1 (Concurrent Enrollment) | 1 Trimester Open To 10, 11, 12 | Elective Prerequisite: None |
|--|-----------------------------------|--------------------------------|

NOTE: Students receive **5 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description:

Microsoft Office 365 - This course helps students become familiar with Outlook and learn the core operations of the program. Outlook is a personal information manager available as a part of the Microsoft Office suite. Although often used mainly as an email application, it also includes a calendar, task manager, contact manager, note taking, a journal and web browsing.

Productivity Apps - This course provides students with training in the Microsoft Office Suite. Students will receive instruction in Word, Excel, Access and PowerPoint.

| | | |
|--|-----------------------------------|--------------------------------|
| CT3006 A+ Hardware & Software Support (Concurrent Enrollment) | 1 Trimester Open To 10, 11, 12 | Elective Prerequisite: None |
|--|-----------------------------------|--------------------------------|

NOTE: Students receive **6 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: Students will gain practical knowledge of PC hardware and printers needed to provide technical support to computer users. Students will acquire many of the hardware skills necessary for the CompTIA A+ certification.

****Comp TIA A+ certification exams will be scheduled after the successful completion of the class for those who wish to take them.****

**CT3045 PC Operating Systems
(Concurrent Enrollment)**

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: Examines the functions of the Windows Operating System and the Linux operating system, including command line interface, and essential open source software concepts. Students will be able to manage their own desktop or laptop computers, including installing and running applications, managing files and using the Internet. This course takes a hands-on approach to exploring the day-to-day operations of operating systems.

**CT3046 Help Desk / User Support
(Concurrent Enrollment)**

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: This is a capstone course, designed to provide students the broad range of concepts and practices required of an entry-level technology professional. Students will be engaged in activities and projects designed to prepare and provide them with the knowledge, skills, and attitudes (KSA's) required to become technical service providers.

**CT3009 HTML & CSS
(Concurrent Enrollment)**

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: This course is an introduction to web development with HTML and CSS. In this course, students will learn about key technologies and standards behind the internet and world wide web. Students will develop website projects that meet current web standards and industry best practices using modern tools and techniques. The focus of this course is on the use of basic HTML and CSS as a technical foundation for later coursework in web application development in JavaScript, .Net or Java.



CRIMINAL JUSTICE / LAW ENFORCEMENT:

CT3010 Introduction to Criminal Justice (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Normandale Community College credits** and 2 High School Elective credits.

Course Description: Provides an overview of the criminal justice system. Includes the historical development of law enforcement as well as an exploration of the components of the criminal justice system and the functions, jurisdictions, and interrelationships of various law enforcement agencies.

CT3011 Juvenile Justice (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Normandale Community College credits** and 2 High School Elective credits.

Course Description: This course provides an overview of theories of delinquency and the Juvenile Justice System. Special emphasis will be on Minnesota Statutes, Rules for Juvenile Court, and Supreme Court cases which mandate how the Juvenile Justice System works in Minnesota. This course meets specific POST-learning objectives for pre-service law enforcement students to understand what police officers are mandated to do when juveniles are victims or offenders, and how those laws are different from the adult criminal justice system.

CT3015 Police and Community (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Normandale Community College credits** and 2 High School Elective credits.

Course Description: Examines the interaction of peace officers with members/groups in the communities with a focus on minority groups and the application of community oriented policing principles. This course meets specific POST-learning objectives (as listed in the outline) for pre-service law enforcement students including community oriented policing philosophy, crime prevention, cultural diversity, bias motivated crime and the proper police response, domestic abuse and assault state mandates, ethics, police professionalism, and the use of discretion by the police.

CT3022 Corrections (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Normandale Community College credits** and 2 High School Elective credits.

Course Description: A sociological analysis of corrections and punishment in modern society, exploring the prison system, community based corrections, and alternatives to incarceration.

CT3038 Criminology (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **3 Normandale Community College credits** and 2 High School Elective credits.

Course Description: An exploration of crime: the definitions of crime, the patterns that follow, and the prevalence of certain types of crimes. Factors that cause crime and society's responses to crime are investigated. Also included: terrorism, religious extremism, spree killers and other recent trends.

HEALTH CARE:

CT3008 Introduction to Health Careers (Concurrent Enrollment)

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive **4 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: This course is designed to serve as an exploration and orientation to various fields in the healthcare industry, such as medical assisting, medical office careers, nursing, pharmacy technician, emergency medical services and health unit coordinator. It is intended to be a survey of the healthcare industry in the United States. This course provides students with an opportunity to learn more about various careers in healthcare, the job outlook, career pathways, and what is needed to be successful in healthcare. This course also includes a 1 credit CPR/AED certification through the American Heart Association.

CT3007 Health and Wellness Explorations (Concurrent Enrollment)

1 Trimester
Open To 10, 11, 12

Elective
Prerequisite: None

NOTE: Students receive **6 concurrent college credits from NWHSU** and 1 High School health credit and 1 High School credit (STEM or Elective). This course fulfills the 10th grade health standard course requirement.

Course Description: This course introduces students to health, wellness, and medicine as consumers and practitioners. The course will cover health promotion and behaviors, disease prevention, access to health, wellness, and medical services, and health professions. Students will learn from visiting health care practitioners and case studies about the different fields, and serves as a strong introduction to the following fields: Radiologic Technology, Radiation Therapy, Medical Lab Technology, Medical Assisting, Massage Therapy. Students will learn what each kind of health care practitioner does daily, and what students need to do in order to work in that field.

CT3004 Emergency Medical Responder (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: Biology

NOTE: Students receive **3 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: This course uses the new education standards and meets the requirements established by the Minnesota EMS Regulatory Board (MN EMSRB). This course is designed to provide the Emergency Medical Responder (First Responder) at the scene of a Medical or Trauma Emergency with the necessary knowledge and skill to manage patient care until the arrival of ambulance personnel. The course is intended for Law Enforcement, Firefighters, Rescue Personnel, Ski Patrol, Athletic Coaches, School Nurses, Camp Counselors, Special Event Coverage Personnel, Industrial Emergency response teams and other individuals charged with “first response” duties. In the Medical Terminology portion of the course you will analyze the construction of medical root words plus use of common medical prefixes and suffixes. Medical abbreviations will be included to assist you in your documentation on Emergency Department (ED) patient records/ EMS run sheets and communication with other health professionals.

****This course includes CPR certification. On successful completion of the EMR skills test students will also receive EMR certification. An EMR typically works as a first responder at sporting events, concerts, etc.****



HEALTH CARE - HEALTH UNIT COORDINATOR (HUC):

CT3030 HUC 1 (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **6 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: HUC Fundamentals: This course is an introduction to Health Unit Coordinator nursing unit procedures, routines, and communication devices. The student will learn the importance of using critical thinking, problem solving and effective communication skills in the healthcare environment. An introduction to the roles of the health care team members, admission, discharge and transfer procedures will be covered. Medical Terminology: Students will also be acquainted with medical terms and abbreviations used in healthcare settings.

CT3031 HUC 2 (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: HUC 1

NOTE: Students receive **5 Hennepin Technical College credits** and 2 High School credits (STEM or Elective).

Course Description: Processing Physicians Orders: This course is designed to give the student the skills needed in transcribing physician's orders. Opportunities will be provided for the student to gain experiences transcribing medication orders, diagnostic studies orders, treatment orders, diet orders and activity orders. The student will become acquainted with specialty orders such as admission orders, preoperative orders and postoperative orders. Computer transcription will also be introduced. Diagnostic and Therapeutic Procedures: Designed to acquaint the student with diagnostic tests, procedures, medication types and terminology, therapies, and nursing procedures.

****Students who successfully complete HUC 1 & 2 will receive 11 of the 17 credits required to receive a HUC certification. The additional 6 credits can be taken at HTC after graduation.****

HEALTH CARE - NURSING ASSISTANT REGISTRY / HOME HEALTH AIDE:

CT3014 Nursing Assistant Registry/Home Health Aide (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: None

NOTE: Students receive **5 Hennepin Technical College credits** and 2 High School credits (STEM or elective).

Course Description: The Nursing Assistant Registry/Home Health Aide Certificate course prepares the student to provide physical nursing care to individuals in long term care facilities, hospitals, or board and care homes. Students learn how to measure vital signs and assist individuals with physical needs such as personal hygiene, elimination, mobility, exercise and nutrition.

****This certificate course is approved by the Minnesota Department of Health and prepares students to take the National Nursing Assistant Training and Competency Evaluation Test. Upon successful completion of the test, students are placed on the Nursing Assistant Registry (NA/R). The nursing assistant (NA/R) provides care under the direct supervision of licensed nurses.****



CONSTRUCTION APPRENTICESHIP PREPAREDNESS:

CT3013 Multi-Craft Core Curriculum

1 Trimester
Open To 11, 12

Elective
Prerequisite: Intro to
Woodworking or Manufacturing

NOTE: This course is a two hour class, located at Kennedy High School. Students receive 2 high school credits (STEM or Elective).

Course Description: Students will build an understanding of the construction trades and learn about a variety of trade options, including those listed below:

| | | |
|--|---|--|
| <ul style="list-style-type: none">• Boilermakers• Bricklayers• Cabinet Makers• Carpenters• Cement Masons• Electricians• Elevator Constructors• Glaziers | <ul style="list-style-type: none">• Heat & Frost Insulators• Iron Workers• General Laborers• Interior Systems• Millwrights• Operating Engineers• Painters• Pipefitters | <ul style="list-style-type: none">• Plasterers• Plumbers• Roofers• Sheet Metal Workers• Sign, Display & Screen Process• Sprinkler Fitters & Teamsters |
|--|---|--|

Students will build an understanding of the construction trades and learn about a variety of trade options, including those listed in the table above. This course will utilize the Building Trades Multi-Craft Core Curriculum (MC3), and periodically utilize the facilities and staff at various Union Training Centers (JATC) for instruction and skill development. Students will have an opportunity to be certified in OSHA 10. Upon completion of the course students will be prepared to possibly enter an apprenticeship in one of the building trades of the construction industry, if desired. This course will only be offered during 5th & 6th hour.

**** OSHA 10 certification is available upon successful completion of course.****



AUTOMOTIVE TECHNOLOGY PROGRAM:

This pathway is based at Hennepin Technical College - Eden Prairie campus. The course outline is based on students attending the BCCA Hub at Hennepin Technical College five days per week, trimesters 1, 2 and 3, following the Bloomington Public Schools academic calendar. Students will take pathway courses during a three-period block at HTC (4th, 5th and 6th hours), and core high school classes at Kennedy High School. Transportation is provided to and from HTC from Kennedy High School. These courses are specifically tailored to BCCA: courses are “bundled” to fit into the trimester calendar, and are to be taken in sequence.

Concurrent Enrollment: Students successfully completing the entire (year long) Automotive Technology sequence will earn 3 High School Physics credits, 6 High School STEM or Elective credits, and 17 HTC credits.

*HTC credits include 1 credit earned for the Automotive Externship course upon completion of approved field experience by the end of the academic year. BCCA will be responsible for finding externship sites and providing transportation.

The Automotive Technology courses will be during periods 4, 5 and 6.

| Trimester 1 CT3019A Auto Tech I | Trimester 2 CT3019B Auto Tech II | Trimester 3 CT3019C Auto Tech III |
|---|---|---|
| Days 1-10: Intro to the Transportation Trades (ATEC1050), 2 HTC credits | Days 1-7: Part II Electrical Systems II (ATEC1620), 3 HTC credits | Days 1-49: Steering and Suspension (ATEC1405), 4 HTC credits |
| Days 11-35: Electrical Systems I (ATEC1615), 3 HTC credits | Days 8-57: Brakes (ATEC1505), 4 HTC credits | Days 50-57: *Automotive Externship (ATEC2700) to equal 40 hours |
| Days 36-54: Part I Electrical Systems II (ATEC1620) | | |

CT3019A Automotive Technology I (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: 1 Technology Education or PLTW course

NOTE: Students receive **5 Hennepin Technical College credits**, 1 High School Physics credit and 2 High School credits (STEM or Elective).

Course Description: This bundle covers HTC courses: Introduction to the Transportation Trades, Electrical Systems I and begins Electrical Systems II. Students will gain an overview of the automotive trade, safety and shop operations, hands-on experience with common tools and shop equipment, basic electrical theory and the operation of automotive starting and charging systems. This course meets all applicable National Automotive Technicians Education Foundation (NATEF) standards.

CT3019B Automotive Technology II (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: Auto Tech I

NOTE: Students receive **7 Hennepin Technical College credits**, 1 High School Physics credit and 2 High School credits (STEM or Elective).

Course Description: This bundle includes HTC courses: Electrical Systems II continued and Brakes. Students will complete Electrical Systems II and learn theory and operation of modern automotive braking systems. This course meets all applicable National Automotive Technicians Education Foundation (NATEF) standards.

CT3019C Automotive Technology III (Concurrent Enrollment)

1 Trimester
Open To 11, 12

Elective
Prerequisite: Auto Tech II

NOTE: Students receive **4-5 Hennepin Technical College credits**, 1 High School Physics credit and 2 High School credits (STEM or Elective).

Course Description: This bundle covers HTC courses: Steering and Suspension and Automotive Externship. Students will learn design, operation and repair of all types of steering and suspension components and systems. In the externship, students will further develop skills and experiences in a formal work setting. Students will interview for and acquire their externship site with help from BCCA. A minimum of 120 hours of work experience is required throughout the year to receive HTC credit. This course meets all applicable National Automotive Technicians Education Foundation (NATEF) standards.

MOTION CONTROL TECHNOLOGY WITHIN INDUSTRIAL APPLICATIONS:

This pathway is based at Hennepin Technical College, Eden Prairie campus. The course outline is based on students attending the BCCA Hub at Hennepin Technical College five days per week, trimesters 1, 2 and 3, following the Bloomington Public Schools academic calendar. Students will take pathway courses during a three-period block at HTC (4th, 5th and 6th hours), and core high school classes at Kennedy High School. Transportation is provided to and from HTC from Kennedy High School. These courses are specifically tailored to BCCA: courses are “bundled” to fit into the trimester calendar, and are to be taken in sequence.

Concurrent Enrollment: Students successfully completing the entire (year long) Motion Control Technology within Industrial Applications sequence will earn 9 High School STEM or Elective credits and 12 HTC credits.

The Motion Control Technology within Industrial Applications courses will be during periods 4, 5, and 6.

| Trimester 1 CT3020A Motion Control Technology within Industrial Applications 1 | Trimester 2 CT3020B Motion Control Technology within Industrial Applications 2 | Trimester 3 CT3020C Motion Control Technology within Industrial Applications 3 |
|---|---|---|
| Fluid Power Technology 1 3 HTC Credits | Industrial Electricity I (Part 2) 3 HTC Credits | Programmable Logic Controllers 3 HTC Credits |
| Industrial Electricity I (Part 1) | Industrial Electricity II 3 HTC Credits | |

CT3020A Motion Control Technology within Industrial Applications 1 (Concurrent Enrollment)

3 Trimesters Elective
Open To 11, 12
Prerequisite: 1 Technology
Education or PLTW Course

NOTE: Students receive **3 Hennepin Technical College credits** and 3 High School credits (STEM or Elective).

Course Description: This course covers Fluid Power Technology 1 and part 1 of Industrial Electricity 1. Fluid Power Technology 1: Students will be introduced to the basic fundamentals of hydraulics and pneumatics. The operating principles of basic systems used in industry today will be emphasized. Industrial Electricity 1: This course is a study of the terms, symbols, definitions and safety practices related to industrial electricity. The student will calculate volts, ohms, watts and power in industrial electricity. The student will be able to wire simple AC circuits, utilize volt-ohm meter, diagnose circuit problems, and determine circuit operations from a two-line diagram.

CT3020B Motion Control Technology within Industrial Applications 2 (Concurrent Enrollment)

3 Trimesters Elective
Open To 11, 12
Prerequisite: Motion Control Tech 1

NOTE: Students receive **6 Hennepin Technical College credits** and 3 High School credits (STEM or Elective).

Course Description: This course covers Industrial Electricity 1 (part 2): the student will complete this course then move on to Industrial Electricity 2. This course covers machine upgrading, automated packaging, hydraulics, and pneumatics. The student will wire electrical circuits using transformers, control relays, pressure switches, timers, motor starters, and contractors. The student will be able to diagnose basic industrial electrical circuits upon completion of this course.

CT3020C Motion Control Technology within Industrial Applications 3 (Concurrent Enrollment)

3 Trimesters Elective
Open To 11, 12
Prerequisite: Motion Control Tech 2

NOTE: Students receive **3 Hennepin Technical College credits** and 3 High School credits (STEM or Elective).

Course Description: This course covers Programmable Logic Controllers. Programmable Logic Controllers (PLCs) are central components that control robots. The student will learn the basics of how to program and set up a PLC, will learn the different addressing and programming styles, and be challenged to write programs for simple machines.



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