

Wichita High School East

Program of Studies

Creates a Collaborative Community that Promotes College, Career, & Life Readiness Through an Innovative, Rigorous & Culturally Diverse Learning Experience.



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Scan the QR code with your phone and save the PDF or bookmark the site to access the Program of Studies at any time!

Wichita Public Schools Credit Requirements for Graduation

Check off credit requirements as you complete them and total your credits for graduation.

Social Studies

- 0.5 credit (1 semester) of World History
 - 1.0 credit (2 semesters) of U.S. History 1
 - 1.0 credit (2 semesters) of U.S. History 2
 - 0.5 (1 semester) credit of Government
- ___ **Total = 3 credits of Social Studies**

Science and Technology

- 3.0 credits (6 semesters) of science courses number 4000-4999
- ___ **Total = 3 credits of Science**

Math

- 3.0 credits (6 semesters) of math
- ___ **Total = 3 credits of Math**

English

- 1.0 credit (2 semesters) of English 1
 - 1.0 credit (2 semesters) of English 2
 - 1.0 credit (2 semesters) of English 3
 - 1.0 credit (2 semesters) total chosen from the following: English 4, Honors English 4 or AP English
- ___ **Total = 4 credits of English**

Physical Education

- 1.0 credit (2 semesters) of P. E. Foundations
- ___ **Total = 1 credit of Physical Education**

Fine Arts

- 1.0 credit (2 semesters) of Fine Arts (includes art, music, theatre, forensics)
- ___ **Total = 1 credit of Fine Arts**

Financial Literacy/.5 CTE

- 0.5 credit (1 semester) Financial Literacy 761of
 - 0.5 credit (1 semester) Career and Technical Education (CTE). If you have a question, please see a counselor.
- ___ **Total = 1 credit Financial Literacy and CTE**

Electives

- 7.0 credits (14 semesters) of elective credit
- ___ **Total = 7 credits of Electives**

___ **Total = 23 credits required for graduation.**

Before making course selections, be sure to read all of the sections that apply to you.

Note: please remember it is the student's responsibility to ensure that all requirements, competencies, required courses and credits are met according to the district's guidelines.

KSHSAA



Note: If a student is not enrolled in at least five classes for second semester, then he/she is not eligible for KSHSAA (Kansas State High School Activities Association) activities including, but not limited to: second-semester winter sports, spring sports, forensics, music, debate and speech, scholars bowl, royalty at homecoming and prom.

Board of Regents Qualified Admissions Standards

High School Graduates Academic Year 2015-2016 and After



Qualified Admissions Kansas Residents

Five of the six state universities in Kansas, including Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University, use the standards below to review applicants for undergraduate admission. The University of Kansas has different admission standards from those listed below (visit admissions.ku.edu for more information). Standards are set by the Kansas Board of Regents.

ACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an accredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing the Qualified Admissions or Kansas Scholars curriculum with a 2.0 GPA and by meeting one of the following requirements:

- ACT score of at least 21; OR
- SAT score of at least 980; OR
- Graduate in the top 1/3rd of your class.

If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

QUALIFIED ADMISSIONS PRECOLLEGE CURRICULUM

High school counselors use **Kansas Course Codes** to identify courses that fulfill Qualified Admissions curriculum requirements. A complete list of courses is available at the Kansas Board of Regents website: kansasregents.org/qualified_admissions. Additionally, your counselor has a list of courses at your high school that fulfill these requirements.

One unit is equivalent to one year, or two semesters. Dual enrollment, concurrent enrollment, and online courses may be used to fulfill the Qualified Admissions curriculum requirements. All courses must appear on your high school transcript, and courses completed in middle school or junior high do not fulfill the Qualified Admissions Math requirements.



English

4 approved units,
½ unit may be
Speech



Math

Must complete either:
Option A - 3 approved
units and meet the ACT
college readiness
math benchmark of 22
Option B - 4 approved
units, one of which must
be taken in the graduating year



Social Science

3 approved units



Natural Science

3 approved units,
one of which must be
a full unit of Chemistry
or Physics



Electives

3 approved units

UNACCREDITED HIGH SCHOOL

If you are a Kansas resident who will graduate from an unaccredited high school during the 2015-2016 academic year or later, you can guarantee admission to five of the state's universities by completing coursework equivalent to the Qualified Admissions or Kansas Scholars curriculum and by achieving an ACT score of at least 21 or an SAT score of at least 980. If you enroll in college courses while you are in high school, it is also required that you achieve a 2.0 GPA or higher in those courses.

This document provides a summary overview of admission requirements at state universities and is not a substitute for or to be used in lieu of the actual detailed admissions requirements, which can be found at: www.kansasregents.org/qualified_admissions_rules_regulations.

Date: February 2018

Board of Regents Kansas Scholars Curriculum



KANSAS BOARD OF REGENTS Kansas Scholars Curriculum & State Scholar Quick Facts

Completion of the Kansas Scholars Curriculum is one of the requirements Kansas residents must meet in order to receive State Scholar designation. This occurs during the senior year of high school.

What are the other requirements to become a State Scholar?

- Students must have taken the ACT between April of the sophomore year and December of the senior year.
- Students must be a Kansas resident.
- Students must have their curriculum and 7th semester GPA certified on the official roster by the high school counselor, registrar, or similar official.

KANSAS SCHOLARS CURRICULUM

English - 4 years

One unit to be taken each year. Must include substantial recurrent practice in writing extensive and structured papers, extensive reading of significant literature, and significant experience in speaking and listening.

Mathematics - 4 years

Algebra I, Algebra II, Geometry, and one unit of advanced mathematics-- suggested courses include: Analytic Geometry, Trigonometry, Advanced Algebra, Probability and Statistics, Functions or Calculus. Completion of Algebra I in 8th grade is acceptable for the Kansas Scholars Curriculum, but not for Qualified Admissions.

Science - 3 years

One year each in Biology, Chemistry, and Physics, each of which include an average of one laboratory period a week. Applied/technical courses may not substitute for a unit of natural science credit.

Social Studies - 3 years

One unit of U.S. History; minimum of one-half unit of U.S. Government and minimum of one-half unit selected from: World History, World Geography or International Relations; and one unit selected from: Psychology, Economics, U.S. Government, U.S. History, Current Social Issues, Sociology, Anthropology, and Race and Ethnic Group Relations. Half unit courses may be combined to make this a whole unit.

Foreign Language - 2 years

Two years of one language. Latin and Sign Language are accepted.

Please note, this curriculum is NOT the same as the Qualified Admissions Curriculum.

What is the benefit of completing the Kansas Scholars Curriculum?

Students that complete this curriculum and meet the other requirements, may be designated as State Scholars, which makes one eligible to receive the Kansas State Scholarship as provided by the Kansas Legislature. The academic profile of recent scholars include an average ACT of 30 and an average GPA of 3.91. State Scholars may receive up to \$1,000 annually for up to four undergraduate years (five, if enrolled in a designated five-year program), based on financial need and the availability of State funds. Financial need is measured by federal methodology using data submitted on the FAFSA.

For more information, contact us at 785.430.4255 or at kansasregents.org/students/student_financial_aid.

NCAA Division I & II Core Course Eligibility Requirements

Rules Are Subject to Change --- Visit www.eligibilitycenter.org for Updates & Changes

Core Class Requirements	Division I	Division II
English Core	4 years	3 years
Math Core	3 years	2 years
Natural/Physical Science (Including 1 year of lab if offered)	2 years	2 years
Social Science	2 years	2 years
Additional (English, Math or Natural/Physical Science)	1 year	3 years
Additional Courses (Any courses listed above, or foreign language or comparative Religion/Philosophy)	4 years	4 years

In order to be eligible to practice, compete and receive athletic scholarships in their first full-time year at any NCAA Division-I school, students must graduate high school and meet **ALL** the following requirements:

Full Qualifier for Division I - Complete 16 Core Courses

- Ten of the 16 core courses must be completed before the seventh semester (senior year) of high School.
- Seven of the 10 core courses must be in English, math or natural/physical science.
- Complete the 16 NCAA-approved core courses in eight academic semesters or four consecutive academic years from the start of ninth grade. If students graduate from high school early, they still must meet core-course requirements.
- Earn a core-course GPA of at least 2.3.
- Earn the ACT sum score or SAT combined score that matches the student's core-course GPA (minimum 2.30) on the Division I qualifier sliding scale.
- Graduate high school.

Full Qualifier for Division II – Must Complete 16 Core Courses

- Earn a core-course GPA of at least 2.2.
- Earn the ACT sum score or SAT combined score that matches the student's core-course GPA (minimum 2.20) on the Division II qualifier sliding scale.
- Graduate high school.

Wichita Public Schools offers courses that students can take in non-traditional settings, including online, summer school, or at learning centers or through alternative programs. Sometimes, post-high school educational institutions requiring NCAA approved courses do not accept these credits. Prior to enrolling in these non-traditional courses, it is recommended that students and/or student's parents or guardians check with any institutions to which the student may apply or enroll in order to confirm whether the student's non-traditional credits will be recognized as NCAA approved.

NAIA Eligibility Requirements

To be eligible to play NAIA, the student must register with the NAIA Eligibility Center <http://www.playnaia.org/>. NAIA schools in Kansas include Baker, Bethel, Bethany, Friends, Kansas Wesleyan, McPherson, Ottawa, Southwestern, Sterling and Tabor. Entering freshmen must graduate from high school and meet **two** of the following three criteria:

- Achieve a minimum overall high school GPA of 2.0 on a 4.0 scale.
- Graduate in the top half of their high school class.
- Achieve the NAIA's minimum test score.

Junior Year Graduation Requirements

See Your Alpha Counselor by February 1st of Your Sophomore Year!

Early Graduate: A student graduating at the conclusion of six (6) semesters.

Requirements

DISCLAIMER: Wichita High School East only offers 7.25 credits per year and graduation requires 23 credits.

- Must declare during pre-enrollment of Sophomore year
- Must have all signatures and a 1-on-1 meeting with the Principal during their sophomore year.
- Must have sufficient credits
- Must submit a written plan approved by the Principal
 - ✓ Plan must include:
 - Coursework for junior year
 - Post-secondary plan
 - Statement of intent; reason for the request
- Must take Government in summer school after Junior year through special arrangement.
- Must take Financial Literacy in summer school after Sophomore year.
- Must take an approved CTE course.
- Must take both English 3 and English 4 during their Junior year
 - ✓ Must be Qualified Admissions courses and cannot be taken in a Learning Center.
- Must take the ACT and have an ACT on file.
- Must have at least a 3.0 GPA upon completion of 6th semester of Junior Year.
- Must have 15.50 credits completed by the start of Junior Year.

Exception: Students receiving special education services - per IEP and signature of IEP manager and Principal.

Senior Year Mid-Term Graduation Requirements

See Your Alpha Counselor by February 1st of your Junior Year!

Mid-Term Graduate: A student graduating at the conclusion of seven (7) semesters.

Requirements

- Must declare during pre-enrollment of Junior year
- Principal's Approval by August of Senior Year
- Must have sufficient credits
- Must submit a written plan approved by the Principal
 - ✓ Plan must include:
 - Coursework for seventh semester
 - Post-secondary plan
 - Statement of intent; reason for the request
- Must take Government in summer school or in seventh semester
- Must take Financial Literacy and CTE approved course prior to or during 7th semester
- Must take both Honor's English 4 and English 4 in seventh semester
 - ✓ Must be Qualified Admissions courses and cannot be taken in a Learning Center
- Must take the ACT and have an ACT on file prior to December 1st of Senior year.
- Must have completed the FAFSA or had a meeting with the College Career Coordinator Mrs. Jansen prior to completion of the 7th semester.

Exception: Students receiving special education services - per IEP and signature of IEP manager and Principal.

Senior Pass Card

Please see your alpha counselor for the application.

- During the fall semester of senior year, seniors must pass ALL classes, be attending regularly, and may NOT be deficient in any classes required for graduation.
- Students must have taken the ACT to be eligible for Pass Cards.
- Students must complete their FAFSA to be eligible for Pass Cards. Print out the "Congratulations, you've completed the FAFSA" page and take to the College Career Coordinator or show the email from FAFSA. Students unable to complete the FAFSA will meet with College Career Coordinator.
- Any student involved with KSHSAA activities must be enrolled in 5 classes. (ACE Time, Recovery classes and Learning Center classes do NOT count for KSHSAA eligibility.)
- Exceptions to the stated policy will be granted by Principal.
- Students who fail to leave the building and/or grounds during pass card hours will face disciplinary action and may have the pass card(s) revoked. Please take into consideration your transportation needs.
- This application must be signed by a parent or guardian and returned to the counselor's office.
- Students are REQUIRED to purchase a new ID (\$3.00). IDs can be purchased the designated week in December after second semester schedules are distributed. Students MUST have their old ID and new schedule with them when they purchase a new ID. This can be done during lunch, passing periods, or before/after school in the Cashier's Office.

Course Descriptions – Required Courses

ENGLISH/LANGUAGE ARTS REQUIRED COURSES

ENGLISH 1: 1211/1212

Grade Level: 9

Two Semesters - 1.0 Credit

In this course students will develop their understanding and use of writing, reading, oral language and literature. Students will write summaries, exposition, and personal narratives; will apply reading strategies while reading world literature; will develop a mini-research project and will develop speaking/listening skills.

ENGLISH 1 HONORS: 1213/1214

Grade Level: 9

Two Semesters - 1.0 Credit

Building on the English 1 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent/outside reading and writing assignments. Along with literary analysis which requires above-average reading skills and a strong work ethic, considerable attention will be given to studying grammar and usage, writing multi-paragraph essays, building vocabulary, and developing presentation skills.

ENGLISH 2: 1221/1222

Grade Level: 10

Two Semesters - 1.0 Credit

In this course students will expand their understanding and use of writing, reading, oral language and literature. Students will write summaries and expository essays; will apply reading strategies while reading both fiction and nonfiction from different periods and cultures; will produce a mini-research paper on a possible career and will continue to develop speaking and listening skills.

ENGLISH 2 HONORS: 1223/1224

Grade Level: 10

Two Semesters - 1.0 Credit

Building on the English 2 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent/outside reading and writing assignments. Along with literary analysis which requires above-average reading skills and a strong work ethic, considerable attention will be given to studying grammar and usage, writing multi-paragraph essays, building vocabulary, and developing presentation skills.

ENGLISH 3: 1231/1232

Grade Level: 11

Two Semesters - 1.0 Credit

In this course students will develop greater sophistication in their understanding and use of writing, reading, oral language and literature. Students will write literary analysis, persuasion, timed in-class writing, and conduct research; will read both fiction and nonfiction from different periods and cultures; and will refine speaking and listening skills through oral presentations.

ENGLISH 3 HONORS: 1233/1234

Grade Level: 11

Two Semesters - 1.0 Credit

Building on the English 3 curriculum, students will extend their use of language and literature by covering additional pieces of literature in depth and doing independent/outside reading and writing assignments. Along with literary analyses which require above-average reading skills and a strong work ethic, considerable attention will be given to studying sentence structure, word choice, writing multi-paragraph essays, building vocabulary, and developing presentation skills.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION: 1161/1162 (Concurrent Credit)

Grade Level: 11

Two Semesters - 1.0 Credit

Advanced Placement Test Fee

In this course, students will read prose written in a variety of periods, disciplines, and rhetorical contexts and write prose of sufficient richness and complexity to communicate effectively with mature readers. Students will become aware of the interactions among a writer's purposes, audience expectations, and subjects. Students will be taught the principles of discourse and rhetorical

analysis, including media studies. Requires above-average reading skills, willingness to engage with difficult texts, and a strong work ethic. Students who enroll in this course are required to take the AP exam in the Spring Semester.

ENGLISH 4: 1561/1562

Grade Level: 12

Two Semesters - 1.0 Credit

In this course, students will apply their study of literature, language, and composition. Students will study relevant literature and how writers use language to affect readers and convey meaning. Students will practice analytical skills, critical thinking, and composition for various purposes and audiences. The study of literature will emphasize understanding literary themes with attention to the historical, social, and personal implications of literature.

HONORS ENGLISH 4: 1153/1154

Grade Level: 12

Two Semesters - 1.0 Credit

In this course, students will further apply their study of literature, language, and composition. Students will study relevant literature and how writers use language to affect readers and convey meaning. Students will practice academic composition, analytical skills, critical thinking, and writing for various purposes and audiences. The study of literature will emphasize understanding literary themes and genres with attention to the historical, social, and personal implications of literature.

ADVANCED PLACEMENT LITERATURE: 1201/1202 (Concurrent Credit)

Grade Level: 12

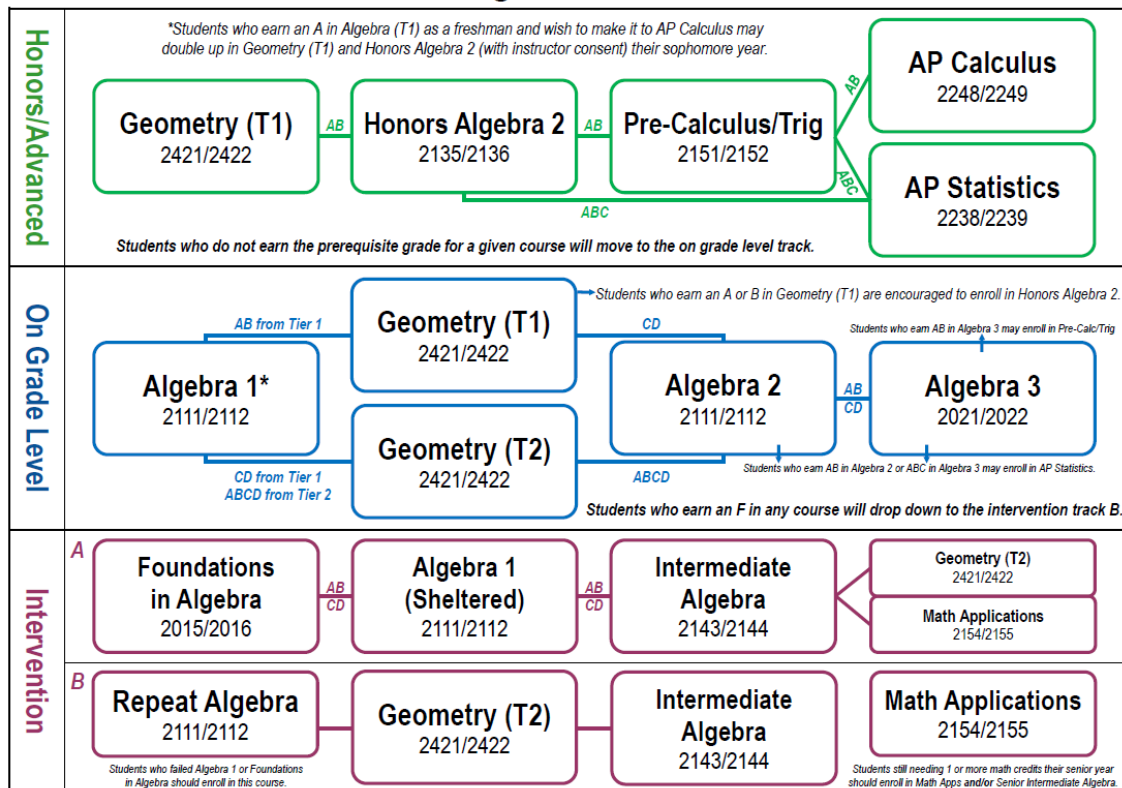
Two Semesters - 1.0 Credit

Advanced Placement Test Fee

In this course students will study college-level literature and conduct literary analysis designed to prepare students for the critical thinking, analytical, and writing skills necessary for success in college. The content of this course, examinations, and writings will follow the guidelines of the Advanced Placement Program. Students who enroll in this course are required to take the AP exam in the Spring Semester.

MATH REQUIRED COURSES

East High Math Courses



ALGEBRA 1 (TIER 2): 2105/2106 (Requires Lab 9145/9146)

Placement by East High based on 8th Grade Math Data

Grade Level: 9

Two Semesters - 1.0 Credit (Math)

Two Semesters - 1.0 Credit (Elective) Students will also be concurrently enrolled in the math lab.

In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills graphing, working with formulas, and solving linear and quadratic equations.

ALGEBRA 1 (TIER 1): 2111/2112

Placement by East High based on 8th Grade Math Data

Grade Level: 9

Two Semesters - 1.0 Credit

In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in, graphing, working with formulas, and solving linear and quadratic equations.

GEOMETRY (TIER 2): 9257/9258

Prerequisite: 1.0 Credit of Algebra 1 with grade of C or D.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

In this course, students will learn the same concepts as in Geometry but from an informal framework. A practical, intuitive, manipulative approach will be used.

GEOMETRY (TIER 1): 2421/2422

Prerequisite: 1.0 Credit of Algebra 1 with grade of A or B.

Grade Level: 9, 10

Two Semesters - 1.0 Credit

In this course, students will study properties of plane and solid figures. Emphasis will be upon obtaining information about geometric figures, developing logical thinking by means of proof, thinking in three-dimensional terms and developing an appreciation of the applications of geometry in the modern world.

ALGEBRA 2: 2121/2122

Prerequisite: 1.0 Credit of Algebra with a grade of C or D and 1.0 Credit of Geometry with a grade of C or D.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

In this course, students will continue to study concepts introduced in Algebra 1 and Geometry. Students will also study applications of these concepts: variation, progressions, polynomial functions, logarithms, complex numbers and matrix algebra.

ALGEBRA 2 (HONORS): 2135/2136

Prerequisite: 1.0 Credit of Algebra 1 with grade of A or B and 1.0 Credit of Geometry with a grade of A or B (Instructor approval with grade of C).

(Students intending to go on to Pre-Calculus should enroll in this course.)

Grade Level: 9, 10, 11

Two Semesters - 1.0 Credit

In this course, students will continue to study concepts introduced in Algebra 1 and Geometry. Students will also study applications of these concepts: variation, progressions, polynomial functions, logarithms, complex numbers and matrix algebra.

ALGEBRA 3: 2021/2022

Prerequisite: 1.0 Credit of Algebra 2, or Honors Algebra 2 with grade C or below.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

In this course, students will solidify concepts from Algebra 2, while focusing on preparation for College Algebra.

PRE-CALCULUS/TRIGONOMETRY: 2151/2152 (Concurrent Credit)

Prerequisite: 1.0 Credit of Honors Algebra 2 with grade of A or B (Instructor approval with grade of C).

(Repeating this course for no credit is strongly recommended if you make a C or below and intend to go on to Calculus).

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

In this course, students will extend the concepts of Algebra 2 to include theories of functions, exponential and logarithmic functions, systems of equations, matrices, trigonometric equations, and trigonometric applications.

ADVANCED PLACEMENT STATISTICS: 2238/2239

Prerequisite: 1.0 Credit of Honors Algebra 2 with grade of C or better, or 1.0 Credit of Algebra 2 with grade of A or B.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Advanced Placement Test Fee

Students in this course will study methods of gathering and interpreting data. Applications of statistics to business, social sciences, games and health will be explored. Emphasis will be on student research; consequently, this course is reading & writing intensive. It is recommended that students taking this course have strong English skills. Mathematics skills will be reinforced and tools of technology will be used in analysis of data, probability, simulation, and statistical inference. Students who enroll in this course are required to take the AP exam in the Spring Semester.

ADVANCED PLACEMENT CALCULUS: 2248/2249

Prerequisite: 1.0 Credit of Pre-Calculus/Trigonometry with grade of A or B (Instructor Approval with grade of C).

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Advanced Placement Test Fee

In this course, students will study university-level topics of limits, as well as differentiation and integration of algebraic, trigonometric, exponential and logarithmic functions as well as application of these. The course content and examination will follow the guidelines of the College Entrance Examination Board and the Advanced Placement program. Students who enroll in this course are required to take the AP exam in the Spring Semester.

SCIENCE REQUIRED COURSES

BIOLOGY 1: 4251/4252

Grade Level: 9

Two Semesters - 1.0 Credit

Students in this traditional course will study the properties of living relating to energy flow through ecosystems, populations and habitats, cell biology, heredity, and natural selection. The following concepts will be emphasized throughout the year: structure and function, energy and matter, cause and effect, systems and system models, scale and proportion, stability and change, and patterns.

BIOLOGY 1 HONORS: 4253/4254

Placement by East High based on 8th Grade Math Data

Grade Level: 9

Two Semesters - 1.0 Credit

This course is designed for students who will thrive in a more rigorous presentation of Biology I. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform in the laboratory with a high level of accuracy and should be able to assist in the design of experiments. The properties of living relating to energy flow through ecosystems, populations and habitats, cell biology, heredity, and natural selection will be studied. The following concepts will be emphasized throughout the year: structure and function, energy and matter, cause and effect, systems and system models, scale and proportion, stability and change, and patterns.

EARTH/SPACE SCIENCE: 4351/4352

Grade Level: 10, 11, 12 **Two Semesters - 1.0 Credit**

Students in this laboratory-oriented survey course study selected topics from the sciences of astronomy, geology, meteorology, and oceanography. Students will work with materials gained through recent exploration, discovery, and theory.

PHYSICAL SCIENCE: 4811/4812

Prerequisite: 1.0 Credit of Biology I or Honors Biology with an A, B or C and 1.0 Credit of Algebra 1 with a C or D, or Algebra 1 Tier with A or B.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course is designed to meet the physical science standards found in the KCCRS for Science (NGSS). Students will study topics in both physics and chemistry including structures of the atom, states of matter, energy, Newton's laws, speed, acceleration and physical/chemical changes and interactions. The course provides a foundation for further study in physics and chemistry.

GLOBAL/ENVIRONMENTAL SCIENCE: 4827/4828

Grade level: 11, 12

Two Semesters - 1.0 Credit

This course combines basic biological, geological, physical and chemical principles in a study of how individuals and societies explore, extract, and utilize resources. The influence of humans and their activities on the environment as they attempt to satisfy needs and wants will be examined. Emphasis is placed upon laboratory activities and direct student involvement in identifying, studying, and evaluating solutions to current issues and global concerns.

PHYSICS: 4801/4802

Prerequisite: 1.0 Credit of Biology 1 with C or better and 1.0 Credit of Algebra 1 with B or better, or C or better in last science class, and concurrent enrollment in Algebra 2.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

In this course, students learn to identify physical laws and their actions. Included will be studies of motion, forces, and energy. Topics including heat, light, sound, electricity and nuclear physics will also be examined. Recommended for college-bound students.

HONORS PHYSICS: 4783/4784

Prerequisite: 1.0 Credit of Biology 1 or Honors Biology with A or B and 1.0 Credit of Algebra 1 with A or B or Geometry with A or B and concurrent enrollment in Algebra 2.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course is designed for students who will thrive in a more rigorous presentation of Physics. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform in the laboratory with a high level of accuracy. Students learn to identify physical laws and their actions. Included will be studies of motion, forces, and energy. Topics including heat, light, sound, electricity and nuclear physics will also be examined. Recommended for college-bound students.

ADVANCED PLACEMENT PHYSICS: 4803/4804 (Concurrent Credit)

Prerequisite: 1.0 Credit of Physics with A or B, Chemistry with A or B, Honors Algebra 2 with A or B and teacher recommendation.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Advanced Placement Test Fee

This course is equivalent to the first-year college physics course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Physics Program. Students in this course can expect a heavy homework load. Students who enroll in this course are required to take the AP exam in the spring or enroll in concurrent credit with WSU Tech.

CHEMISTRY 1: 4321/4322

Prerequisite: 1.0 Credit of Physics with B or C and 1.0 Credit of Geometry with a B or C, concurrent enrollment Algebra 2.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students in this course study about the periodic table, problem solving, atomic structure, nomenclature, chemical reactions, chemical calculations, phase changes, behavior of gases, and bonding. Recommended for college-bound students.

CHEMISTRY HONORS: 4323/4324

Prerequisite: 1.0 Credit of Physics with an A, B or C and 1.0 Credit of Geometry or Honors Algebra 2 with an A or B.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course is designed for students who will thrive in a more rigorous presentation of Chemistry I. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform in the laboratory with a high level of accuracy. Topics include the periodic table, problem solving, atomic structure, nomenclature, chemical reactions, chemical calculations, phase changes, behavior of gases, acids and bases, atomic molecular theory, and bonding.

ADVANCED PLACEMENT CHEMISTRY: 4331/4332 (Concurrent Credit)

Prerequisite: 1.0 Credit of Chemistry with an A or B, or Honors Chemistry with a C or better and Honors Algebra 2 or higher.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Advanced Placement Test Fee

This course is equivalent to the first-year college chemistry course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Chemistry Program. Students in this course can expect a heavy homework load. Students who enroll in this course are required to take the AP exam in the spring or enroll in concurrent credit with Newman University.

ANATOMY AND PHYSIOLOGY: 4821/4822 (Concurrent Credit)

Prerequisite: 1.0 Credit of Biology 1 with C or better and teacher approval.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

In this course, students will study the structure and functions of human body systems including related topics such as health, and disease prevention. This is a rigorous class for the serious student. Students are expected to participate in dissections and should have good study and/or memorization skills. Available for concurrent credit.

SOCIAL STUDIES REQUIRED COURSES

WORLD HISTORY: 3451/3452

Grade Level: 9

Two Semesters - 1.0 Credit

World History is an in-depth study of our global community's past, emphasizing the people, geography, and events that changed past societies, and how these changes affect our modern society. This course is separated into the following areas: Societies of the Middle Ages, the Renaissance and Reformation, the start of the Global Age in Europe, Africa, Asia and the Americas, the Age of Absolutism, the regional civilizations of Islam, Africa, and the spread of civilization in East and Southeast Asia-This course will satisfy the World Studies requirement.

WORLD HISTORY HONORS: 3453/3454

Grade Level: 9

Two Semesters - 1.0 Credit

This course of World History is designed to go deeper and move faster than regular World History. The course will concentrate on the major civilizations of the world and the contributions each has made to the human condition. The course will cover from the Middle Ages through World War I from a global look. Students will be required to read in-depth in the subject areas and conduct inquiry investigations. Human history will be explored from the Renaissance to the present in all parts of the world. Considerable reading is required. This course will satisfy the World Studies requirement.

US HISTORY 1: 3361/3362

Grade Level: 10

Two Semesters - 1.0 Credit

This required course covers American history from the period of American History starting and Reconstruction through the Great Depression. Emphasis will be placed upon the major issues of the late Nineteenth and early Twentieth Centuries including the Progressive Era, World War I, the Roaring Twenties, the Great Depression, and the New Deal. First semester will contain a U.S. Government unit.

US HISTORY 1 HONORS: 3363/3364**Grade Level: 10****Two Semesters - 1.0 Credit**

This course is designed to move faster and in more depth than the regular United States History 1 class. The course will focus on the events of American history from Reconstruction through the Great Depression. The course will include a major writing assignment, additional readings on special topics, and assessments of various historical interpretations. The course goes beyond the scope of the objectives of the regular United States history course to include in-depth study of selected American issues.

US HISTORY 2: 3641/3642**Grade Level: 11****Two Semesters - 1.0 Credit**

This required course is a continuation of United States History 1. The scope of study in this course begins with events after 1945 and ends with the present. Major areas of study include the Cold War, Civil Rights, the Vietnam War, the return to Conservatism, modern Foreign Policy and Terrorism, to the present.

US HISTORY 2 HONORS: 3643/3644**Grade Level: 11****Two Semesters - 1.0 Credit**

This course is designed for the student who wishes to go deeper into the time period between the start of World War II and the present. Major areas of study include the Cold War, Civil Rights, the Vietnam War, the return to Conservatism, and modern Foreign Policy and Terrorism. Students who enroll in this course will learn to examine modern day history much like a historian would. Students will learn to question and analyze historical events through guided discussions and the use of primary source documents and materials.

ADVANCED PLACEMENT US HISTORY 2: 3647/3648**Grade Level: 11****Two Semesters - 1.0 Credit****Advanced Placement Test Fee**

The focus of this Advanced Placement United States History course provides specific, directed preparation for the AP U.S. History exam. Requirements and assignments are expanded beyond the Honors United States History course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement United States History program. The expectation is that students will take the AP exam as a course outcome. *The score earned on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class.*

GOVERNMENT: 3350**Grade Level: 12****One Semester - 0.5 Credit**

Students in this required course will study local, state, and federal/national levels of the American political system and how those levels and systems are designed to work.

HONORS GOVERNMENT: 3359 (Concurrent Credit)**Grade Level: 12****One Semester - 0.5 Credit**

This is a dual credit course. Students enrolled will also be enrolled in a 3 hour college credit course. Students must be able to cover the cost of that dual enrollment, estimated at this time to be \$200. The content of this semester course will be the same as United States Government, but with an expanded range of resources, expectations and outcomes that will present a more challenging curriculum for students who choose to enroll in this class. Students will be introduced to our political culture through an examination of our institutions, processes, and public places. One Semester. One-half credit.

FINANCIAL LITERACY

FINANCIAL LITERACY: 7610f

Grade Level: 12

One Semester - 0.5 Credit

This course provides students with the basic skills and knowledge needed to effectively manage one's personal finances. Topics covered include the following: an overview of personal financial management, careers, income and taxes, budgeting, bank accounts, credit and credit risks. Projects will be conducted throughout the course to provide experiences assisting students in developing effective consumer habits.

HONORS FINANCIAL LITERACY: 7630 (Concurrent Credit)

Grade Level: 12

One Semester - 0.5 Credit

Students taking Honors Financial Literacy will have the opportunity to explore and build an in-depth foundation to assist them in successfully managing their personal finances. Students will study financial management, income and taxes, budgeting, banking concepts, and the world of credit. In addition, students will discover career opportunities in the field of finance. Projects will be conducted throughout the course to provide the students with experiences to assist them in developing effective consumer habits. Finally, students will go through an online finance simulation to apply the knowledge they learn in class along with completing an in-depth portfolio the knowledge they gained from the class.

Elective Courses

AIR FORCE JROTC ELECTIVE COURSES

AFJROTC LEADERSHIP EDUCATION 1: 9241/9242

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

Leadership Education 1 - Citizenship, Character, & Air Force Tradition, is an introductory class that encourages initiative and self-confidence. It introduces cadets to the Air Force Junior Reserve Officer Training Corps (AFJROTC) program and provides a basis for progression through the rest of AFJROTC. It contains sections on cadet and Air Force organizational structure; uniform wear; customs, courtesies, and other military traditions; health and wellness; fitness; individual self-control; and citizenship. This course develops attitudes of understanding and tolerance with a strong emphasis on developing personal responsibility and a strong sense of teamwork. Cadets participate in precision marching drill and may participate on drill teams, color guards and other co-curricular activities. Cadets will be issued Air Force uniforms and have a requirement to wear the uniform once a week. Cadets must comply with the dress and appearance requirements listed in the Cadet Guidebook. Aerospace Science 1 – Milestones in Aviation History is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations and flight, then progresses through time to future developments in aerospace, with an introduction into cyber technologies. Cadets who successfully complete this course may be eligible to participate in a summer leadership camp, AFJROTC 5. Wellness is an official and integral part of the AFJROTC program. It consists of two exercise programs focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities. The program is provided as a tool to help develop individualized fitness programs for cadets. This class will include exercises and requires a parental release form.

AFJROTC LEADERSHIP EDUCATION 2: 9243/9244 (Offered in calendar years 2020-2021, 2023-2024)

Prerequisite: AFJROTC 1 – Exceptions for 10, 11 and 12 grade students entering the program for the first time may be made by the Senior Aerospace Science Instructor on a case by case basis.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Leadership Education 2: Communication, Awareness, and Leadership, portion of the course stresses communications skills and cadet corps activities. Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning an execution of corps projects. Cadets will be issued Air Force uniforms and have a requirement to wear the uniform once a week. Cadets must comply with the dress and appearance requirements listed in the Cadet Guidebook. Cadets who successfully complete this course may be eligible to participate in a summer leadership camp, AFJROTC 5. An emphasis on Wellness and Fitness is continued with the goal of improving

individual baselines and the goal of achieving a national standard. The Aerospace Science: Cultural Studies, An Introduction to Global Awareness, is a multidisciplinary class that introduces students to various regions of the world from a geographic, historical and cultural perspective. The course provides increased international awareness and insight into foreign affairs that permits a more educated understanding of other cultures and enhanced knowledge of America's interests and role in the world.

AFJROTC LEADERSHIP EDUCATION 3: 9245/9246 (Offered in calendar years 2021-2022, 2024-2025)

Prerequisite: AFJROTC 1 – Exceptions for 10, 11 and 12 grade students entering the program for the first time may be made by the Senior Aerospace Science Instructor on a case by case basis.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Leadership Education 3: Life Skills & Career Opportunities portion of the course teaches students about financial planning, as well as understanding the requirements needed to be successful at work and in life. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Cadets will be issued Air Force uniforms and have a requirement to wear the uniform once a week. Cadets must comply with the dress and appearance requirements listed in the Cadet Guidebook. Cadets who successfully complete this course may be eligible to participate in a summer leadership camp, AFJROTC 5. Wellness and Fitness is continued with the goal of improving individual baselines and the goal of achieving a national standard. The Aerospace Science class is the Science of Flight: A Gateway to New Horizons. This class acquaints the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation.

AFJROTC LEADERSHIP EDUCATION 4: 9247/9248 (Offered in calendar years 2022-2023, 2025-2026)

Prerequisite: AFJROTC 1 – Exceptions for 10, 11 and 12 grade students entering the program for the first time may be made by the Senior Aerospace Science Instructor on a case by case basis.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Leadership Education 4: Principles of Management, teaches students about the theories and principles of management in the work force. Cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies. Cadets will be issued Air Force uniforms and have a requirement to wear the uniform once a week. Cadets must comply with the dress and appearance requirements listed in the Cadet Guidebook. Cadets who successfully complete this course may be eligible to participate in a summer leadership camp, AFJROTC 5. Wellness and Fitness is continued with the goal of improving individual baselines and the goal of achieving a national standard. The Aerospace Science portion of this course is Exploring Space: The High Frontier. This class begins with the study of the solar system and progresses through the international space exploration efforts, space technology, and manned space flight.

AFJROTC LEADERSHIP EDUCATION 5 CAMP (SUMMER): 9249 (Every Summer)

Prerequisite: AFJROTC 1, AFJROTC 2, AFJROTC 3 or AFJROTC 4

Grade Level: 9, 10, 11

One Semester - 0.5 Credit

A minimum 80 hour course with emphasis on teamwork and leadership techniques and application, conducted at various military installations. AFJROTC cadets will practice leadership in an unfamiliar environment, participate in team building exercises, experience living and interacting with their peers in a military setting, and participate in various confidence building exercises.

BUSINESS ELECTIVE COURSES

BUSINESS ESSENTIALS: 6720

Grade Level: 9, 10, 11, 12

One Semester - 0.5 Credit

Business Essentials is a core course designed to give students an overview of business, marketing and finance careers and is recommended for 9th or 10th graders as a first business course. Students will participate in a variety of learning activities in the areas of economics, entrepreneurship, marketing, finance, and business law as well as explore career and post-secondary education opportunities. One semester.

COMPUTER ESSENTIALS: 5735 (Concurrent Credit)**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit****Software: Word, Excel, Access, PowerPoint**

Computer Essentials introduces the student to the software of the business world such as Microsoft Word, Excel, Access, and PowerPoint. Students will create and format documents correctly for business and personal use.

COMPUTER GRAPHICS – Promotions: 5741**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit****Software: Adobe Photoshop and Adobe Illustrator**

In Computer Graphics, students will use both Photoshop and Illustrator from the Adobe Creative Cloud software package. A variety of projects will be created including, but not limited to, flyers, posters, invitations, TV ad and other real-world applications. Students will also learn how to do some basic retouching of images or digital pictures.

WEB PAGE DESIGN: 6743**Grade Level: 10, 11, 12****Prerequisite: Recommended Computer Essentials or Computer Graphics****One Semester - 0.5 Credit****Software: HTML/Notepad and Adobe Dreamweaver**

Web Page Design will allow students to create web pages using a variety of software programs. Students learn how to create web pages using basic HTML code, and with Adobe Dreamweaver. This class will create two complete websites, one using HTML and one in Dreamweaver. Attendance is very important in this class since all work must be done at school. **This course may be taken for Fine Arts Credit.**

AUDIO/VIDEO PRODUCTION FUNDAMENTALS: 5744**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit****Software: Adobe Premiere and Adobe Audition**

Students will learn how to write for and plan a video, how to film a video (behind the camera and in front), as well as how to edit raw footage into a finished video production. Students use a variety of equipment and software to assist in creating videos. At the end of the course, students will have a portfolio of projects which include: a Silent Film, Movie Trailer, and a Commercial. This class involves a lot of independent and group work.

ANIMATION: 5793**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit****Software: Adobe Flash and Adobe After Effects**

Animation focuses on the development of digitally generated and/or computer-enhanced media, interactive animation, graphic representation, recording media, and adding visual effects to video. Students will learn how to apply animation to hand drawn and computer generated pictures and images.

DIGITAL MARKETING: 6633**Grade Level: 10, 11, 12****One Semester - 0.5 Credit**

Students will study the latest digital marketing trends, e-commerce strategy, search engine optimization, email marketing, social media strategy, online branding, and mobile marketing. Students will participate in an online simulation posting content on popular social platforms including Facebook, Twitter, and Instagram and then evaluate the success of their posts by looking at various analytics.

DIGITAL VIDEO PRODUCTION: 5725/5726**Prerequisite: Audio/Video Production Fundamentals or Teacher Approval.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit****Software: Adobe Premiere, Audition, Photoshop, and After-Effects**

Digital Video Production students are in charge of running and creating content for various media outlets throughout the building, including: the hallway TVs, EHS Today, and teacher requested projects. Students are responsible for attending various outside of

school events throughout the year to get footage to be used in class. Students in this class will also be involved in state-level competitions. This class requires the student be enrolled all year and attendance is very important.

DIGITAL MEDIA DESIGN AND PRODUCTION: 5745/5746

Prerequisite: Digital Video Production and Teacher Approval.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Software: Adobe Premiere, Audition, Photoshop, and After-Effects

Digital Media Design & Production is an application level course in the A/V strand of the A/V Communications pathway. It is designed to provide students with the opportunity to apply the fundamental techniques learned in the Digital Video Production and Audio/Video Production Fundamentals courses through the production of various multi-media projects for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats. Students will also assist in creating content for EHS Today and the hallway TVs.

PRINCIPLES OF MARKETING: 6611/6612 (Concurrent Credit)

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students engage in hands on, real world projects to explore the world of marketing. Topics include selling, product development, distribution, promotion, pricing, market research, and market planning. Students will have the opportunity to develop a new products, conduct market research, engage in an online virtual business simulation, develop a promotional plan for a business, and design effective merchandising strategies for our school stores.

MARKETING APPLICATIONS (School Store Operations): 6629/6630

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Prerequisite: Any Marketing Course and Instructor Approval.

Students in this course are the student managers of The Landing, our school coffee shop, and The Ace Place, our school apparel business. Students wanting real experience managing a retail store and who have a strong work ethic should enroll in Marketing Applications. Students are self-directed and fully responsible for all areas of store operations including inventory control, customer relations, marketing, and staff management. Proceeds from our school stores benefit DECA, club for emerging leaders and entrepreneurs.

SPORTS AND ENTERTAINMENT MARKETING: 6801

Grade Level: 10, 11, 12

One Semester - 0.5 Credit

Sports and Entertainment Marketing is a NON-PE, project-based learning course designed to offer students an opportunity to gain knowledge and develop skills related to the growing sports and entertainment industry. Students will develop skills in the areas of advertising, public relations/publicity, event marketing, sponsoring, ticket distribution, and career opportunities as they relate to the sports and entertainment industry.

YOUTH ENTREPRENEURS: 6888/6889

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

The class focuses on the application of an idea – ideas students can own. The curriculum brings business studies to life through experiential learning, executed in real, market-based scenarios such as Market Day. We introduce economic thinking and strive to instill the moral character necessary for our youth to lead lives as thriving, productive citizens. Excellent attendance is vital to meet the requirements of completing the course.

BUSINESS MANAGEMENT: 6706 (Concurrent Credit)

Grade Level: 10, 11, 12

One Semester - 0.5 Credit

Business Management teaches students the skills needed to plan, staff, finance, and control day to day business operations. Students will also get to investigate how industry, government, and the global economy may affect your business. Business Management uses a computerized simulation that teaches students how to own, operate, manage, and make decisions for a business.

ACCOUNTING: 6013/6014**Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit****Software: Excel, Google Sheets**

Accounting will teach you how to manage finances for both your own business, and for a large corporation. Be prepared to take accounting in college, learn about financial decision making, and improve your spreadsheet skills.

ADVANCED ACCOUNTING: 6015f/6016f**Prerequisite: 1.0 Credit in Accounting****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit****Software: Excel, Google Sheets**

Advanced Accounting is a work at your own pace course designed for students who are college-bound or preparing for a job. You will learn how to manage marketable securities, uncollectible accounts, accruals, inventories and investments, plant assets and depreciation, and stock distributions. Computer simulations will be used often throughout this to develop and reinforce accounting concepts.

INVESTING: 6521**Grade Level: 10, 11, 12****One Semester - 0.5 Credit**

Investing will teach you how to manage, invest, and grow your money! Students will play the Stock Market Game, and learn how to make \$1,000,000 through investments. You will also learn about other types of investments including: stocks, bonds, mutual funds, commodities, real estate, insurance, and more.

PRACTICAL LAW: 6173**Grade Level: 10, 11, 12****One Semester - 0.5 Credit**

Practical Law provides practical legal information necessary for students to develop conflict resolution skills in our society. Topics that are covered are: court system, criminal law, juvenile law, search and seizure, torts, family law and our legal rights and responsibility. Lots of case studies and practical application is incorporated into the course.

BUSINESS LAW: 6170 (Concurrent Credit)**Grade Level: 10, 11, 12****One Semester - 0.5 Credit**

Business Law is the study of basic legal principles common to everyday business activities. Lecture, problem solving, case studies and court videos are among the methods of teaching. Students will study the development and structure of our legal system through the State, Local and Federal courts. Students will also explore contracts, personal property laws, bailment, commercial paper including negotiable instruments, credit, bankruptcy, and explore the Federal agencies that govern these practices.

YOUTH COURT: 3517f/3518f (Repeatable Course)**Prerequisite: 0.5 Credit in Business Law or Practical Law and Teacher Approval.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Application course in which students will demonstrate technical skills related to careers in the legal and judicial field. Students will demonstrate courtroom procedures by playing the roles of Attorney, Judge, Jury and Bailiff. Youth Court gets write-ups from the office and then uses the court process to give consequences. Youth Court is based on restorative justice principles through the deliberation and sentencing phases with an emphasis on actions needed to reconcile the original situation. Students will also play an active role in Community Service by mentoring students from Hyde Elementary School. Students who want to be in Youth Court will go through an interview process and must demonstrate good leadership and academic skills.

INTRODUCTION TO COMPUTER SCIENCE (CSE): 6755f/6756f**(Project Lead The Way—PLTW)****Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

This first course in the PLTW computer science pathway introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying

block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language.

COMPUTER SCIENCE PRINCIPLES (CSP): 6753f/6754f (Concurrent Credit)

(Project Lead The Way—PLTW)

Prerequisite: 1.0 Credit in Intro to Computer Science or Principles of Engineering and Introduction to Engineering Design, teacher recommendation.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Using Python® as a primary tool, students explore and become inspired by career paths that utilize computing, discover tools that foster creativity and collaboration, and use what they've learned to tackle challenges like app development and simulation. This course is endorsed by the College Board, giving students the opportunity to take the AP CSP exam for college credit. Utilizes Mobile App Design, Robot Control as well as traditional programming tools.

COMPUTER SCIENCE APPLICATIONS (CSA): 6757f/6758f

(Project Lead The Way—PLTW)

Prerequisite: 1.0 Credit in Computer Science Principles.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Students collaborate to create original solutions to problems of their own choosing by designing and implementing user interfaces and Web-based databases, as well as creating a game for their friends or an app to serve a real need in the community. This course is aligned to the AP CSA framework.

CYBER SECURITY: 6761f/6752f

(Project Lead The Way—PLTW)

Prerequisite: 1.0 Credit in Computer Science Principles.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students' knowledge of and commitment to ethical computing behavior. It also aims to develop students' skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely.

CONSORTIUM AND OTHER ELECTIVE COURSES

TEACHING AS A CAREER: 7601/7602 (Concurrent credit with WSU is available for those who qualify)

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Teaching as a Career is a technical level course in the Teaching/Training pathway and introduces students to the teaching profession with special focus on the critical shortage areas. This course provides fundamentals knowledge of the art and science of teaching with the study of the education profession as a future career choice. Students will participate in leadership activities through the Educators Rising student organization. For off-campus experiences, students must provide their own transportation.

TEACHING INTERNSHIP: 7603/7604 (Concurrent credit with WSU is available for those who qualify)

Prerequisite: 1.0 Credit of Teaching as a Career.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Teaching Internship is an application level course in the Teaching/Training pathway. It provides students with supervised field experiences with a classroom teacher to practice implementing education activities at multiple grade levels and in diverse classroom settings. Extensive observation in an approved setting is part of this course. The student will work with cooperating teachers to learn classroom best practices, exposure to legal and ethical issues, environmental structure and culture. Students will develop and present units of instruction. Students will participate in leadership activities through the Educators Rising student organization. **For off-campus experiences, students must provide their own transportation.**

TEACHING OBSERVATION: 7628 (Concurrent credit with WSU is available for those who qualify)

Prerequisite: 1.0 Credit of Teaching as a Career.

Grade Level: 11, 12

One Semester - 0.5 Credit

This is a technical level course in the Teaching/Training pathway. Students will observe best practices at multiple grade levels. Observations will be focused around the elements of effective instruction, including planning and preparation, learning environments, instructional strategies, and professional responsibilities. Students will participate in leadership activities through the Educators Rising student organization. **For off-campus experiences, students must provide their own transportation.**

STUDENT COACHING: 9024/9025 (Concurrent Credit)

Prerequisite: Application and approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Student Coaches serve as a resource in the classroom to help students understand concepts, complete assignments, and improve learning. Some of the goals of the program include: Grow self-directed, self-managing, self-monitoring, and self-modifying learners. Increases the number of students who are learning and successful in school. Build connections for students with other students and to school. Student coaches are selected based on completing an application with teacher references and an interview. Deadline for application is April 1st. **Students selected as a student coach will be required to attend training during the summer.**

TEACHER ASSISTANT: 9181/9182

Prerequisite: Application and approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students enrolled as teacher assistants should perform work as described in a job description filed by the supervising teacher and approved by the building principal. The duties of an educational nature, should justify the work for one period per day. Please note: **Only 1.0 credit of Teacher Assistant and/or Office Assistant may count toward the 23 credits required for graduation.**

OFFICE ASSISTANT: 9183/9184

Prerequisite: Application and approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students enrolled as teacher assistants should perform work as described in a job description filed by the supervising teacher and approved by the building principal. The duties of an educational nature, should justify the work for one period per day. Please note: **Only 1.0 credit of Teacher Assistant and/or Office Assistant may count toward the 23 credits required for graduation.**

JOBS FOR AMERICA'S GRADUATES – KANSAS: 9075/9076 (Repeatable Course)

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

JAG-K (Jobs for America's Graduates-Kansas) is a career and life skills training program that provides a hands on approach in exploring the personal and professional skills necessary to job attainment including writing cover letters, building resumes, submitting job applications and interviewing. Students also develop workplace "survival" skills including customer service, communication, work groups and professionalism. Through individual and team projects and leadership opportunities, students will develop an understanding of personality and temperament as well as the relationship between personal actions and consequences that follow. Students will make connections to their interests, abilities and aptitudes by determining their educational and career goals through development of an Individual Career Plan. This full-year, credited course involves individual assignments, team activities/projects, academic remediation support, service learning opportunities, guest speakers, field trips, and career exploration through job shadowing and or internship. Students will also participate in the JAG-K Career Association through activities focused on Career and Leadership Development, Service Learning and Civic/Social Awareness.

ENGLISH ELECTIVE COURSES

CREATIVE WRITING I: 1540

Prerequisite: 1.0 Credit of English 1

Grade Level 10, 11, 12

One Semester - 0.5 Credit

In this course students will develop creative talents in writing articles, poetry, short stories, and drama with emphasis on writing quality short pieces.

CREATIVE WRITING 2: 1541

Pre-Requisite: .05 Credit of Creative Writing 1 or experiences with Drama, Art or Music.

Grade level 10, 11, 12

One Semester - 0.5 Credit

Creative Writing II is meant to elevate the creative process and challenge students to write, polish, present, and publish their written work. Students will engage in whole group instruction, but will have ample opportunity to practice autonomously and pursue the genre of their choice. These include but are not limited to: short fiction, the novel, poetry, and creative non-fiction.

DEBATE 1: 1011

Grade Level: 9, 10, 11, 12

One Semester - 0.5 Credit

(Fall Semester Only)

In this course students will develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation. **First-year debate students will participate in tournaments (held on Saturdays) and must meet KSHSAA grades and eligibility requirements.** Students should be highly motivated. Students must meet at least a proficient standard in reading.

DEBATE 2: 1020

Prerequisite: 0.5 Credit of Debate 1

Grade Level: 10, 11, 12

One Semester - 0.5 Credit

(Fall Semester Only)

In this course students will continue to develop skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. **Debate 2 students will participate in interscholastic competition (Fridays and Saturdays) as experienced debaters and must meet KSHSAA grades and eligibility requirements.**

DEBATE 3: 1030

Prerequisite: .05 Credit of Debate 1 and Debate 2

Grade level: 11, 12

One Semester - 0.5 Credit

(Fall Semester Only)

In this course students will develop advanced skills in systematic and logical habits of thinking, practice in preparing briefs, using research techniques, argumentative speaking, and refutation through frequent classroom speeches and debates. **Debate 3 students will participate in interscholastic competition (Fridays and Saturdays) as experienced debaters and must meet KSHSAA grades and eligibility requirements. One semester. One-half credit.**

DEBATE 4: 1031

Prerequisite: 0.5 Credit of Debate 1, Debate 2, and Debate 3

Grade Level: 12

One Semester - 0.5 Credit

(Fall Semester Only)

In this course students will continue to develop and refine advanced skills in systematic and logical habits of thinking, researching, and argumentative speaking and refutation through extensive competition both in the classroom and at tournament competition. Original research and advanced analytical thinking will be stressed at the Debate 4 level. **Students will participate in interscholastic competition (Fridays and Saturdays) as experienced debaters and must meet KSHSAA grades and eligibility requirements.**

FORENSICS 1: 1251**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit****(Spring Semester Only)**

In this course students will learn fundamentals of competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking. **Students will participate in tournaments (held on Saturdays) and must meet KSHSAA grades and eligibility requirements.**

FORENSICS 2: 1252**Prerequisite: 0.5 Credit of Forensics 1****Grade Level: 10, 11, 12****One Semester - 0.5 Credit****(Spring Semester Only)**

This course emphasizes advanced competitive speaking in oration, dramatics, duet, oral interpretation, and informative and extemporaneous speaking. **Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements.**

FORENSICS 3: 1253**Prerequisite: 0.5 Credit of Forensics 1, Forensics 2, and Teacher Approval.****Grade Level: 11, 12****One Semester - 0.5 Credit****(Spring Semester Only)**

This course emphasizes advanced competitive speaking in oration, dramatics, duets, oral interpretation, and informative and extemporaneous speaking. **Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements.**

FORENSICS 4: 1254**Prerequisite: 0.5 Credit Forensics 1, Forensics 2, Forensics 3 and Teacher Approval.****Grade Level 12****One Semester - 0.5 Credit****(Spring Semester Only)**

This course continues to emphasize advanced competitive speaking in oration, dramatics, duets, oral interpretation, and informative and extemporaneous speaking. **Students will participate in interscholastic competition (Saturdays) and must meet KSHSAA grades and eligibility requirements.**

SPEECH 1: 1731 (Concurrent Credit)**Grade Level: 10, 11, 12****One Semester - 0.5 Credit**

In this course students learn the fundamentals of public speaking, including communication theory, informative speaking, persuasive speaking, and delivery. Speaking before real and assumed audiences is stressed. Available for concurrent enrollment for college credit.

FAMILY & CONSUMER SCIENCE ELECTIVE COURSES**INTRODUCTION TO FAMILY AND CONSUMER SCIENCES: 7675****Grade Level: 9, 10, 11, 12****Entry Level****One Semester - 0.5 Credit**

Students will discover the skills, knowledge, attitudes and behaviors necessary to be successful in families, careers and community in today's ever changing society. An introductory course for all FACS areas, students will explore the fields of family and community services, consumer services, early childhood, culinary arts, interior design and fashion.

CULINARY ESSENTIALS: 6732**Grade Level: 9, 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

Learn to cook! This is a beginning food preparation course. It will provide students with introductory knowledge and skills related to commercial meal planning, preparation and presentation. Culinary Essentials is a pre-requisite for any other food preparation course.

BAKING & PASTRY 1: 6729**Pre-requisite: Successful completion of a grade of C or better in Culinary Essentials.****Grade Level: 9, 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

Students will focus on instruction and skill development related to bakery items. Topics include the study of the functions, science and use of baking ingredients, nutritional values and product performance. Baking experiences include yeast breads, quick breads, cakes (and cake decoration) and many other baked products.

BAKING AND PASTRY 2: 6730**Pre-requisite: Baking and Pastry 1 (grade C or better).****Grade Level: 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

Baking and Pastry 2 builds upon the Baking and Pastry 1 course by refining and expanding skills of production. Students will analyze the scientific reactions during the production of baked goods and address the finer aspects of the field.

CULINARY ARTS 1: 6727/6728**Pre-requisite: Successful completion of Culinary Essentials with a grade C or higher.****Grade Level: 10, 11, 12****Technical Level****Two Semesters - 1.0 Credit**

Skills recognized as important to the field of culinary arts will be the focus of this course. Topics include soups, sauces, garnishes, main dish preparation and presentation. Bakery and desserts will be touched upon, but will not be the main focus of this course. Catering experiences may be included as well as observations of those already in the field who work in food production or a culinary kitchen. Opportunities for culinary competition are available and highly encouraged.

CULINARY APPLICATIONS: 6725/6726**Pre-requisite: 1 full technical credit in the Culinary Arts Pathway and Teacher Approval.****Grade Level: 11, 12****Application Level****Two Semesters - 1.0 Credit**

This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based internship or a culinary experience off campus. Students enrolled in this course are expected to have mastered skills in the culinary field so that they are able to apply them in authentic experiences following industry standards and regulations.

WORLD OF CHILDREN: 7900**Grade Level: 9, 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

Students in this course will learn about the physical, intellectual, emotional, and social development of children from age four to six. Students will incorporate this knowledge to practice fun lessons in art, music, storytelling, and play appropriate for preschool children. Emphasis will be placed on normal development and on assisting children in dealing with crises such as abuse, divorce or death.

PARENTING/CHILD DEVELOPMENT: 7600 (Concurrent Credit)**Grade Level: 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

The baby class! Students will study human growth and development examining the physical, intellectual, social and emotional aspects of development from conception to age three. Emphasis is on awareness of the special responsibilities of parenting and the discipline required of child rearing. Situations in which students learn to observe, record, compare, research, and discuss behavior of children in this age group will be used as a means toward understanding. New technology like Real Care Babies and the Empathy Belly will be utilized as well. **WSU concurrent credit is available if the student also completes the course Family Studies.**

FAMILY STUDIES: 7820 (Concurrent Credit)**Grade Level: 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

Students will study social, emotional, physical, and psychological growth during major life stages. Emphasis will be placed on awareness of self in relation to family and peers. Units will include understanding stress, elements in a changing self, and examining personal decisions in areas such as drug use, AIDS/STD's, human sexuality, family life, crises, and community and personal resources. **WSU concurrent credit is available if the student also completes the course Parenting/Child Development.**

EARLY CHILDHOOD FOUNDATIONS: 7611/7612**Co-requisite: Early Childhood Foundations Lab: 7613/7614****Pre-requisite: Successful completion of Parenting/Child Development or World of Children and Teacher Approval.****Grade Level: 11, 12****Technical Level****Two Semesters - 1.0 Credit**

Students plan an early childhood curriculum in the classroom and teach that to preschoolers enrolled in the Child Development Center. Students receive instruction and guidance in planning lessons in art, storytelling, music, nutrition, and play. During the course, students will complete child care licensing requirements. **Students must be concurrently enrolled in Early Childhood Laboratory (course number 7613/7614).**

EARLY CHILDHOOD LAB: 7613/7614**Co-requisite: Early Childhood Foundations: 7611/7612****Pre-requisite: Successful completion of Parenting/Child Development or World of Children and Teacher Approval.****Grade Level: 11, 12****Application Level****Two Semesters - 1.0 Credit**

Students work as aides/caregivers in assisting activities of children in the Child Development Center. **Students must be enrolled concurrently in Early Childhood Foundations (course number 7611/7612).**

EARLY CHILDHOOD DEVELOPMENT INDEPENDENT STUDY: 7615/7616**Prerequisite: Teacher Approval****Grade Level: 11, 12****Two Semesters - 1.0 Credit****Prerequisite: Teacher Approval**

This is an independent study course designed cooperatively by the student and teacher. It enables students to explore topics of interest related to the career pathway beyond the availability of application level courses. Students may expand their expertise in a particular specialization, explore a topic in greater detail, or develop more advanced skills.

NUTRITION AND WELLNESS: 7823**Grade Level: 10, 11, 12****Technical Level****One Semester - 0.5 Credit**

The science of nutrition, not food preparation. This course is designed for any student who is concerned with healthy eating, weight management, fitness, and wellness issues related to the individual, family and/or clients. Students will learn about healthy eating and fitness habits and learn how to plan and select nutritious foods for a healthy diet. The information presented will aid students in making informed choices and behavior changes for a healthier lifestyle. Students interested in human services careers will begin a foundation of nutrition knowledge for working with clients. This is not a food preparation (cooking) class.

COMMUNITY CONNECTIONS: 7633

Pre-requisite: Successful completion (grade of C or above) of one full credit in the Family and Community Services Pathway (Parenting/Child Development, World of Children, Family Studies, Nutrition & Wellness, Intro to FACS, Culinary Essentials) and teacher approval.

Grade Level: 11, 12

Application Level

One Semester - 0.5 Credit

Community Connections course provides community based/school based learning experiences within the family and community services fields of study. Learning goals are set by the student, teacher and community partners to create experiences and/or discussions to enhance the development of the 21st century skills (i.e. leadership, empathy, communication, problem solving, cooperation, critical thinking, and resource management) needed to be successful in human services/family and consumer sciences related careers. A great course for those interested social work or other social service types of careers.

INTERIOR & TEXTILE MERCHANDISING (FASHION MERCHANDISING): 5759

Grade Level: 9, 10, 11, 12

Technical Level

One Semester - 0.5 Credit

Love Fashion? This is the class for you. An emphasis is placed on fashion design, promotion and sales. The class centers upon all aspects of the fashion industry. Topics include exploring fashion cycles, designers, designing, trends and style as well as techniques in coordination, promotion, display and retail sales.

ESSENTIALS OF INTERIOR & TEXTILE DESIGN: 5752f/5749T (Concurrent Credit)

Grade Level: 9, 10, 11, 12

Technical Level

Two Semesters - 1.0 Credit

An emphasis will be on the skills utilized in the field of Interior Design. This class introduces students to the various parts of the interior, fashion and textile design industry. Students will learn to apply the principles and elements of design, study fibers and fabrics, and explore the variety of careers related to the interior and textile design industry. Students will create floor plans by drawing and utilizing Chief Architect software and develop sample boards with room finishes. They will study such topics as home exterior styles, furniture styles, window treatments and other aspects of interior design. One half fine arts credit. This class can be taken for concurrent credit with WSU Tech.

INTERIOR & TEXTILE DESIGN STUDIO: 5789/5790 (Concurrent Credit)

Pre-requisite: Successful completion (grade C or higher) of 1 full credit in Fashion Apparel, Interior Design pathway at the technical skill level.

Grade Level: 11, 12

Application Level

Two Semesters - 1.0 Credit

This is a project based class requiring the ability to work independently. It is designed to provide students with the opportunity to expand knowledge and experiences with interior design, fashion or apparel production. Interior and textile design vocabulary, materials and processes will be utilized as the design elements and principles are applied to the design and creation of projects. Skills learned in technical classes will be employed in hands-on professional learning experiences and projects. Students problem solve to meet the needs of clients. This class can be taken for concurrent credit with WSU Tech.

APPAREL PRODUCTION 1: 5833f

Grade Level: 9, 10, 11, 12

Technical Level

One Semester - 0.5 Credit

Sewing class 1! Students will learn to sew utilizing basic use of equipment and procedures to create fabric projects and garments. Students will also learn fabric characteristics, labeling and care.

APPAREL PRODUCTION 2: 5834f

Pre-requisite: Successful completion of Apparel Production 1 (grade C or better).

Grade Level: 9, 10, 11, 12

Technical Level

One Semester - 0.5 Credit

Sewing class 2! Students will build upon their sewing construction skills learned in Apparel Production 1. They will explore design and development of skills for producing textile products and apparel.

FASHION TRENDS: 6651F**Prerequisite: Apparel Production 1.****Grade Level: 9, 10, 11, 12****One semester—0.5 Credit**

Fashion Trends analyzes historical, current and projected influences on fashion, apparel, and interior design. Students demonstrate knowledge of trend setting as well as their technical knowledge and skill to plan, create, and present a recycled, redesigned or sustainable apparel or interior design project.

FOREIGN LANGUAGE ELECTIVE COURSES**FRENCH 1: 5101/5102****Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

This course is designed as an introduction to French language and Francophone culture. It acquaints the students with listening, speaking, reading, and writing skills. In class, students will collaboratively create characters and stories showcasing their understanding of the language. By the end of the year, students are expected to perform at the novice-mid level.

FRENCH 2: 5111/5112**Prerequisite: 1.0 Credit of French 1****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

This course is designed to continue acclimating students to the French language and Francophone culture. Students continue building proficiency in the four skills of language: listening, reading, writing, and speaking. In class, students will collaboratively create characters and stories showcasing their understanding of the language. By the end of the year, students are expected to perform at the novice-high level.

FRENCH 3: 5121/5122**Prerequisite: 1.0 Credit of French 2****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

This course is designed to continue students' growth in the French language and further develop their understanding of Francophone culture. Students continue building proficiency the four skills of language: listening, reading, writing, and speaking. In class, showcasing their command of the language. By the end of the year, students are expected to perform at the intermediate-low level.

FRENCH 4: 5131/5132**Prerequisite: 1.0 Credit of French 3****Grade Level: 12****Two Semesters - 1.0 Credit**

This course is designed to further develop students' growth in the French language and further develop their understanding of Francophone culture. Students continue building proficiency the four skills of language: listening, reading, writing, and speaking. In class, students will collaboratively create characters and stories showcasing their command and usage of the language. By the end of the year, students are expected to perform at the intermediate-mid level.

SPANISH 1: 5411/5412**Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

This course is designed as an introduction to Hispanic culture and the Spanish language. It acquaints the students with listening, speaking, reading, and writing skills while looking at Hispanic culture and geographical aspects of Spanish-speaking regions. The emphasis at this level is on listening and speaking.

SPANISH 2: 5421/5422**Prerequisite:** 1.0 Credit of Spanish 1 or PIB Spanish in 8th Grade**Grade Level:** 9, 10, 11, 12**Two Semesters - 1.0 Credit**

In this course students will continue to develop their listening, speaking, reading, and writing skills in Spanish. Through partner activities, written practice and cultural stories, students will increase their proficiency and learn the grammatical structures necessary to communicate in Spanish.

SPANISH 3: 5431/5432**Prerequisite:** 1.0 Credit of Spanish 2**Grade Level:** 9, 10, 11, 12**Two Semesters - 1.0 Credit**

In this course, students will build on their knowledge of the Spanish language. Students will present on a variety of cultural themes related to Spanish speaking countries and cultures. Participation and speaking will be an essential part of the coursework.

SPANISH 4: 5441/5442 (Concurrent Credit)**Prerequisite:** 1.0 of Credit Spanish 3**Grade Level:** 10, 11, 12**Two Semesters - 1.0 Credit**

Spanish will be the language of instruction in this course. Increased proficiency in all four skills of listening, reading, writing and speaking is the goal, with continued emphasis on the culture of Spanish-speaking countries.

SPANISH 5: 5451/5452 (Concurrent Credit)**Prerequisite:** 1.0 Credit of Spanish 4**Grade Level:** 11, 12**Two Semesters - 1.0 Credit**

Spanish will be the language of instruction in this course. Increased proficiency in all four skills of listening, reading, writing and speaking is the goal, with an emphasis on research into the literature of various Spanish-speaking countries.

Spanish 6: 5465/5466 (Concurrent Credit)**Prerequisite:** 1.0 Credit of Spanish 5**Grade Level:** 12**Two Semesters - 1.0 Credit**

Spanish will be the language of instruction in this course. Increased proficiency in all four skills of listening, writing, reading, and speaking is the goal.

SPANISH FOR NATIVE SPEAKERS 1: 5485/5486**Prerequisite:** Teacher Approval**Grade Level:** 9, 10, 11, 12**Two Semesters - 1.0 Credit**

This class is designed for students already possessing fluent oral language but desiring to improve in their reading and writing skills in their native language. Topics will include literature, culture, Hispanic authors, and Spanish speaking countries. The target language of instruction will be in Spanish with an emphasis on listening, reading, writing, and speaking.

JOURNALISM ELECTIVE COURSES

21st CENTURY JOURNALISM & GRAPHIC DESIGN FUNDAMENTALS: 5711/5712**Prerequisite:** Previous year's English grades of A or B**Grade Level:** 9, 10, 11, 12**Two Semesters - 1.0 Credit**

These courses promote the development of the print and electronic media skill set needed today and in the future. Topics include a discussion of the role media and the communications industry has in society, the development of the technical skills related for journalistic interviewing, writing, designing, and computer software usage, and an exploration of the ethical and legal issues related to the journalism field

DIGITAL MEDIA TECHNOLOGY (NEWSPAPER 1): 5713/5713T**Prerequisite: Instructor Approval****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

This course provides students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Graphic Arts Fundamentals courses through the production of multi-media projects for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats.

PROJECT MANAGEMENT FOR COMMUNICATIONS (NEWSPAPER 2 & 3): 7253F/7254F**Prerequisite: Instructor Approval****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

An application level course in which students are taught the skills necessary for success in managing projects in a professional manner. The course covers effectively using time and resources, problem-solving and decision-making, and leadership skills.

DIGITAL MEDIA TECHNOLOGY (YEARBOOK 1): 5713/5713T**Prerequisite: Instructor Approval****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

This course provides students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Graphic Arts Fundamentals courses through the production of multi-media projects for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats.

PROJECT MANAGEMENT FOR COMMUNICATIONS (YEARBOOK STAFF 2 & 3): 7253F/7254F**Prerequisite: Instructor Approval****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

This course provides an opportunity for students to determine and manage a print or electronic media. Strategies include defining the project, determining sequential steps, creating a timeline, determining budget, assigning personnel, monitoring work in progress, and evaluating the final project.

PERFORMING ARTS ELECTIVE COURSES

BAND 2: 8511/8512 (Repeatable Course)**Prerequisite: Middle School Band & Placement is by Directors Approval****Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

This course is designed for students who are continuing to develop instrumental skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest and desire. Students will study the development of tone and technique in order to enhance their personal performance skills and the performance of the ensemble. Understanding the basic elements of music will be stressed in this class. **A standard instrumental text will be utilized as well as appropriate band literature, listening assignments and readings. Performing experiences will include concerts, some marching, festivals, and can include solos and ensembles. Most of these performances are mandatory. Some activities may take place on Saturday. Students will provide some items of clothing for performances and will be provided some items at some cost to the student**

BAND 3: 8506/8507 (Repeatable Course)**Prerequisite: Placement is by Audition & Directors Approval****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

This course is for experienced instrumentalists. Placement is by audition, and at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest, and desire. Students will study advanced band literature, individual and ensemble skills, music fundamentals, history and theory. A standard instrumental text will be utilized as well as listening assignments and readings. **Performing experiences will include concerts, marching, festivals, and can include solos**

and ensembles. Most of these performances are mandatory. Some activities may take place on Saturday. Students will provide some items of clothing for performances and will be provided some items at some cost to the student

JAZZ BAND: 8587/8588 (Repeatable Course)

Prerequisite: Enrollment in Band 2 or 3 for wind players, Audition & Directors Approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students will study a wide range of jazz styles through performing, improvising, listening and reading. Theory is also emphasized in this class. **Students may be required to purchase a text for this class. Mandatory performances such as concerts and festivals are a part of this class. Some may be on a Saturday. Some items of clothing for performances may be required at some cost from students.**

ORCHESTRA 2: 8731/8732 (Repeatable Course)

Prerequisite: Placement is by Directors Approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course is designed for students who are continuing to develop instrumental skills. Placement is at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest and desire. Student will study the development of tone and technique in order to enhance their personal performance skills and the performance of the ensemble. Understanding the basic elements of music will be stressed in this class. **A standard instrumental text will be required. Performing experiences will include concerts, festivals, solos and ensembles. Most of these performances are mandatory. Some items of clothing for performances will be provided by the student.**

ORCHESTRA 3: 8721/8722 (Repeatable Course)

Prerequisite: Placement is by Audition & Directors Approval

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course is for more experienced instrumentalists. Placement is at the discretion of the director only. Students will study advanced string literature, individual and ensemble skills, historical and compositional information and theory. **Performing experiences will include concerts, festivals, solos and ensembles. Most of these performances are mandatory. Some items of clothing for performances will be provided by the student. Some Monday evening rehearsals are required.**

MUSIC APPRECIATION: 8640

Grade Level: 10, 11, 12

One Semester - 0.5 Credit

This course will explore various facets of music. Students will be exposed to various types of music and listen to and watch numerous audio and video examples. Students may be required to complete a short research paper on some component of music or a musician. Short papers, exams and note taking will be required of this class.

TENOR/BASS CHORUS (VOCI VOLANTI): 8547/8548 (Repeatable Course)

Prerequisite: Placement is by Directors Approval

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and improvement of individual vocal skills. Attendance at evening concert performances is mandatory requirement. A special outfit is required at the discretion of the director.

TREBLE CHORUS 1: 8539/8540 (Repeatable Course)

Prerequisite: Placement is by Directors Approval

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is not required. Students will study vocal techniques, a wide range of repertoire, and improvement of individual vocal skills. **Attendance at evening concert performances is mandatory requirement.**

TREBLE CHORUS 3 (BELLA VOCI): 8567/8568 (Repeatable Course)**Prerequisite: Placement is by Audition & Directors Approval****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Prior vocal experience is required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Students must possess quality singing/sight-reading abilities, active engagement/attendance and be KSHSAA eligible to participate in festival competition. **A special outfit is required at the discretion of the director.**

CONCERT CHOIR: 8549/8550 (Repeatable Course)**Prerequisite: Placement is by Audition & Directors Approval****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

This course is for experienced vocalists. Prior vocal experience is required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Students must possess quality singing/sight-reading abilities, active engagement/attendance and **be KSHSAA eligible to participate in festival competition. A special outfit is required at the discretion of the director.**

MADRIGAL SINGERS: 8594/8595 (Repeatable Course)**Prerequisite: Placement is by Audition & Directors Approval****Concurrent Enrollment in Concert Choir (8549/8550) is Required****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Enrollment is limited to 24 or fewer students at the discretion of the director. Students must possess high quality singing/sight-reading abilities, outstanding engagement/attendance, excellent character and academic success throughout the building. Students will study a wide range of musical literature and types. **A demanding performance schedule is maintained and student participation in performances is mandatory. A special outfit is required at the discretion of the director.**

DRAMA 1: 1111/1112**Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

In this course students will study the broad areas of acting, stagecraft, theatrical history, stage movement, costumes, make-up, lighting, play form, and pantomime. Students will see full-length plays as well as read and discuss contemporary drama. Students will learn how to criticize and evaluate a play, a movie, or a television play. Students will study, learn, and use safety rules and practices in theatre productions.

DRAMA 2: 1121/1122**Prerequisite: 1.0 Credit of Drama 1 and teacher approval.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

In this course students will study acting techniques through sensory recall, emotional recall, concentration, vocal techniques, organizing a role, memorizing, improvising, voice and diction, and stage movement. Students will perform monologues, duets, one-act plays, as well as three-act plays and musicals. Students will study, learn, and use safety rules and practices in theatre productions.

REPERTORY THEATRE: 1145/1146 (Repeatable Course)**Prerequisite: 1.0 Credit of Drama 1 and placement is by audition only.****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

Criteria for entrance will include prior drama experience, ability and/or interest, and performance quality. Students must possess exceptional dramatic qualifications, including knowledge of technical theatre. Students are required to work with mainstage and repertory lab productions through the year in this performance-based course. Students will participate in various theatrical production mediums.

FILM STUDIES 1: 1813/1814

FILM STUDIES 2: 1815/1816

FILM STUDIES 3: 1817/1818

Prerequisite: Drama 1, Pre-IB Art, Intro to Art, and/or teacher approval.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students will approach film in three ways: 1. How films are created: from scriptwriting to acting for the camera, to post-production, including detailed studies of film sequences. 2. Film theory and history: a study of the great films and film makers from the last hundred years, including those from other countries or film-making traditions. 3. Film production: from production companies formed within the class students will produce original short films.

PHYSICAL EDUCATION ELECTIVE COURSES

PHYSICAL EDUCATION & HEALTH FOUNDATIONS: 8748/8749 (REQUIRED FOR GRADUATION)

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

This course provides opportunities for students to acquire the knowledge and skills to engage in a physically active, healthy lifestyle throughout life. Three areas of focus in the course are: 1) health-related fitness, 2) lifetime physical activity, and 3) health/wellness concepts and skills. The intended outcomes of the course are that students will be able to: a) assess and interpret personal health/fitness status, b) design, implement, and evaluate a personal health/fitness plan for developing and maintaining a physically active, healthy lifestyle, c) analyze current health/fitness issues impacting youth and adults, d) demonstrate effective use of personal and social skills to enhance health/fitness behavior, and e) utilize a variety of physical activities to engage in a healthy lifestyle.

Aerobics & Fitness: 9203/9204 (Repeatable Course)

Prerequisite: 1.0 Credit of Physical and Health Foundations.

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

This course will include cardiovascular and muscular strength activities to focus on physical conditioning. The daily workouts will include upper and lower body circuit training, Zumba fitness, yoga/Pilates, abdominal workouts, running, weight training, and fitness testing. This course can be taken for one or two semesters. Students must have passed at least one semester of PE before taking an aerobics class.

LIFETIME SPORTS: 9207/9208 (Repeatable Course)

Prerequisite: 1.0 Credit of Physical and Health Foundations.

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

In this course, students will actively participate in skill development, lead-up games and lifetime sports with an emphasis on individual and dual activities. May include any of the following activities as per class decision: Aerobics, Badminton, Frisbee, Golf, Handball, Softball, Volleyball, Weight Training, Football, Alleyball, Swatball Soccer and basketball. This course can be taken for one or two semesters. Students must have passed at least one semester of PE before taking a Lifetime Sports class.

WEIGHT TRAINING AND CONDITIONING: 9213/9214 (Repeatable Course)

Prerequisite: 1.0 Credit of Physical and Health Foundations.

Grade Level: 9, 10, 11, 12

Two Semesters - 1.0 Credit

This course will include basic weight training techniques and the ability to locate and identify major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individualized training program. Students will use spotting techniques and other safety procedures used in the weight room. This course can be taken for one or two semesters.

DANCE 1: 4085/4086**Grade Level: 9, 10, 11, 12****Prerequisite: 1.0 Credit of Physical and Health Foundations.****Two Semesters - 1.0 Credit**

This course will include training in the dance styles of jazz and hip-hop. This is a beginner level dance course which will develop jazz and hip-hop technique, dance vocabulary, rhythm and timing, strength, choreography skills, and performance skills.

DANCE 2: 4087/4088**Prerequisite: 1.0 Credit of Physical and Health Foundations & 1.0 Credit of Dance 1****Grade Level: 9, 10, 11, 12****Two Semesters - 1.0 Credit**

This course will include a more in depth training in the dance styles of jazz and hip-hop. This is a beginner-intermediate level dance course which will continue the progression of technique, dance vocabulary, rhythm and timing, strength, choreography skills, and performance skills while reemphasizing Dance I technique.

SOCIAL STUDIES ELECTIVE COURSES

AFRICAN AMERICAN HISTORY: 3621**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit**

This course uses the historical method to highlight the important achievements of African Americans throughout US history. The course begins with the study of early African civilizations and then the role of African American's as they contribute to American society, past and present. African American History also allows students time to do research and projects that will lead them to examine the current situation of African Americans.

PSYCHOLOGY: 3700**Grade Level: 11, 12****One Semester - 0.5 Credit**

Find out why people act and think the way they do! This course investigates multiple, scientific influences on human behavior and cognition. In this course, Students will get a broad overview of theories and methods that make psychology a reputable behavioral science. Content covered in the course includes the brain, memory, emotions, learning, social pressure, the unconscious and much more. Emphasis will be placed on the importance of the scientific method in relation to modern career fields.

HONORS PSYCHOLOGY: 3705 (Concurrent Credit)**Prerequisite: 3.0 GPA or higher****Grade Level: 11, 12****One Semester - 0.5 Credit**

This is a dual credit course. Students enrolled will also be enrolled in a 3 hour college credit course. Students must be able to cover the cost of that dual enrollment, estimated at this time to be \$200.

Find out why people act and think the way they do! Honors psychology offers students the experience to learn psychological concepts, understand the discipline and profession of psychology with an emphasis on cultural applications, research methodology as well as implementation of APA formatting. Future psychology majors will be prepared for further study in the discipline, while non-majors will gain an understanding applicable to their future. As a result, students will be able to analyze the complexities of human behavior to in turn enhance their own self-awareness and appreciation. Content covered in the course includes the brain, memory, emotions, learning, social pressure, the unconscious and much more. Activities are designed to be applied and focused on real life. This course is meant to influence a student's life beyond the school environment.

SOCIOLOGY: 3800**Grade Level: 11, 12****One Semester - 0.5 Credit**

Sociology emerged from the hunch that there are forces at work beyond our control (and often beyond our awareness) that influence how we think, feel, and act. This course will focus on the structure, dynamics, functions and institutions of human groups and human behavior. Special emphasis will be placed on the studies of identity, personality development, relationships, and how to research and improve relationships between individuals and groups. Students will get a broad overview of the theories and methods used in sociology and how they are applied across a wide range of phenomena.

TECHNOLOGY ELECTIVE COURSES

INTRODUCTION TO INDUSTRIAL TECHNOLOGY: 7470X (Concurrent Credit)

Grade Level: 9, 10, 11, 12

One Semester - 0.5 Credit

The introduction to Industrial Technology is an introductory level course designed to instruct students in the basic skills necessary to all occupations in the area of Construction, Manufacturing and Transportation. In this course the students will be applying these basic skills. This is a good introductory course for students wanting to learn an employable craft or attend college majoring in architecture, architectural engineering, other engineering fields, and construction science. Also the student will have the opportunity to earn a certificate that is recognized nationally. Students who enroll in this course need to have an interest in a construction related field.

RESIDENTIAL CARPENTRY 1A: 7033/7034 (Concurrent Credit)

Prerequisite: 0.5 Credit of Introduction to Industrial Technology

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

This course offers students the opportunity to receive school-based and community based career exploration opportunities with a hands-on approach. Students will spend approximately 2–3 weeks learning about 13 crafts including carpentry, cement masonry, electricity, steel erection, metal building, glazing, roofing, heavy equipment, concrete finishing, form carpentry, HVAC, plumbing, and painting. This is a good introductory course for students wanting to learn an employable craft or attend college majoring in architecture, architectural engineering, other engineering fields, and construction science. The main focus is residential carpentry. **In this course they will receive OSHA 10 hour card, NCCER Core Curriculum Certification, and begin NCCER Carpentry Level 1 certification.**

RESIDENTIAL CARPENTRY 2A: 7035/7036 (Concurrent Credit)

Prerequisite: 1.0 Credit of Residential Carpentry 1A with an A or B, or Instructor Approval

Grade Level: 11, 12

Two Semesters - 1.0 Credit

This class meets one class period per day and is designed to connect the school experience with a real work experience. Students will use the skills learned in their prerequisite classes and also use computer technology to design a building and construct a model. Classroom instruction will include OSHA certification and employment skills. **Students will complete the Carpentry Level 1 certification in this course.**

REMODELING & BUILDING MAINTENANCE: 7546

Prerequisite: 0.5 Credit of Intro to Industrial Technology, 1.0 Credit of Residential Carpentry 1A & 2A, or Instructor Approval

Grade Level: 11, 12

One Semester - 0.5 Credit

Remodeling and Building Maintenance is an application level course in the Construction pathway. It is designed to instruct students in the skills required for residential remodeling and maintenance. Students need to have completed Intro to Industrial Tech and at least Carpentry I to be included in this course as it is an application level course in the Construction pathway.

INTRODUCTION TO ENGINEERING DESIGN (IED): 7041/7042 (Concurrent Credit)

(Project Lead The Way—PLTW)

Grades: 9, 10, 11, 12

Two Semesters - 1.0 Credit

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

PRINCIPLES OF ENGINEERING (POE): 7481/7482

(Project Lead The Way—PLTW)

Prerequisite: 1.0 Credit of IED

Grades: 9, 10, 11, 12

Two Semesters - 1.0 Credit

A technical level course in which students build and understanding of engineering and engineering technology through hands-on problem solving activities, and explore career options.

COMPUTER INTEGRATED MANUFACTURING (CIM): 7556/7557**(Project Lead The Way—PLTW)****Prerequisite: 1.0 Credit of POE or Instructor Permission with IED****Grade Levels: 10, 11, 12****Two Semesters - 1.0 Credit**

Manufactured items are part of everyday life, yet most students have not been introduced to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics, and automation.

ENGINEERING DESIGN AND DEVELOPMENT (EDD): 7043/7044 (Concurrent Credit)**(Project Lead The Way—PLTW)****Prerequisite: One course in the PLTW pathway****Grade Levels: 12****Two Semesters - 1.0 Credit**

In this capstone course, students work in teams to design and develop an original solution to a valid open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.

ROBOTICS: 7069/7070**Prerequisite: Principles of Engineering or Introduction to Engineering Design.****Grade Level: 11, 12****Pathway: Engineering and Applied Mathematics****Two Semesters - 1.0 Credit**

In this technical level course, students will learn the fundamentals of mechatronics engineering and engineering problem solving. Students will develop and design a working robot using 3D CAD software, will learn programming skills, and will participate in classroom and extra-curricular robotic competitions.

VISUAL ARTS ELECTIVE COURSES**INTRODUCTION TO ART: 8201****Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit**

Fundamentals of Art are basic courses in the fundamentals of artistic expression taught in grades nine through twelve. The courses may include experiences in drawing, painting, two- and three-dimensional design, and ceramics and sculpture. The courses emphasize observations, interpretation of the visual environment, visual communication, imagination and symbolism, and an introduction to various visual arts media. The focus of the course is on application of the elements of art and principles of design. A study of historical and contemporary art and artists from a worldwide perspective, and instruction and practice in the critique process are included.

INTRODUCTION TO DRAWING AND DESIGN: 8175X**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit**

This course emphasizes the development of fundamental drawing skills. Focus will be on the application of art theory, processes and techniques that increase the power of observation. Instruction includes the elements and principles of design as applied in composition through hard copy and/or electronic software.

DRAWING AND PAINTING 2: 8261/8262**Prerequisite: 1.0 Credit in Drawing and Painting 1 with a C or high and/or teacher approval.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Students in this course will extend work begun in Intro to Drawing to include the study and applications of advanced techniques.

DRAWING AND PAINTING 3: 8173/8174

Prerequisite: 1.0 Credit Drawing and Painting 2.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Students will extend work begun in Intro to Drawing to include the study and application of advanced techniques.

PRINCIPLES OF ILLUSTRATION: 5778

Grade Level: 9, 10, 11, 12

One Semester - 0.5 Credit

Fine art and technical education offers students an opportunity to explore careers in illustration with hands on instruction in both traditional illustration methods (pen, pencil, paint, ink) digitally. Intro to illustration is a prerequisite for Graphic Design, and will help students in a variety of high school course work from English, Social Studies, Geometry, Anatomy, and other fine arts courses and digital illustration. Much of the work is finished using computer and digital drawing devices. All final work is saved and turned in.

GRAPHIC DESIGN: 5781/5782

Prerequisite: 0.5 Credit of Principles of Illustration or Teacher Approval.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Graphic Design focuses on creating images for web pages, books, and other media. Students have the opportunity to explore creatively designing artwork for such projects as comics, basic animation technique, book or magazine covers, advanced illustration, advertising and multi-media through use of typography, photography, digital painting and drawing with state of the art equipment and software. This course is project based and students have the opportunity to participate in work study and contests for scholarships and cash prizes.

GRAPHIC DESIGN PROJECT MANAGEMENT: 7255F/7256F

Prerequisite: 1.0 Credit of Graphic Design or Teacher Approval.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

An application level course in which students are taught the skills necessary for success in managing projects in a professional manner. The course covers effectively using time and resources, problem-solving and decision-making, and leadership skills.

SCULPTURE 1: 8119

Grade Level: 9, 10, 11, 12

One Semester - 0.5 Credit

Sculpture courses promote creative expression through three-dimensional works. Students explore realistic and abstract sculpture through subtractive (carving), additive (modeling), and assemblage techniques in one or more media. They produce realistic and abstract sculptures while incorporating elements of art and principles of design. A study of historical and contemporary sculpture and sculptors from a worldwide perspective, and instruction and practice in the critique process are also addressed. Material experiences include, but is not limited to wood, plastic, paper, natural materials, clay and found objects.

SCULPTURE 2: 8191/8192

Prerequisite: 1.0 Credit in Sculpture 1 with a C or higher and/or teacher approval.

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Students will extend work begun in Sculpture 1 to include the study and application of advanced techniques.

SCULPTURE 3: 8193/8194

Prerequisite: 1.0 Credit in Sculpture 2 with a C or higher and/or teacher approval.

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Students will extend work begun in Sculpture 2 to include the study and application of advanced techniques.

CERAMICS/POTTERY 1: 8311**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit**

Ceramics/Pottery 1 courses engage students in a sequential learning experience that encompasses the history of ceramics, critiquing their own work and the work of others, aesthetic inquiry, and creative production/problem solving. They develop knowledge of ceramic techniques and processes with an emphasis on creative design and craftsmanship. Experience includes, but is not limited to, hand building techniques such as pinch method, clay modeling/relief, coil and slab building- Students develop a working knowledge surface decoration, glazing techniques and kiln firing.

CERAMICS/POTTERY 2: 8321/8322**Prerequisite: 1.0 Credit in POTTERY 1 with a C or higher and/or recommendation by instructor.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Students in this course will extend work begun in Ceramics/Pottery 1 to include the study and applications of advanced techniques. Students will learn how to throw on the pottery wheel.

CERAMICS/POTTERY 3: 8323/8324 (Concurrent Credit)**Prerequisite: 1.0 Credit in POTTERY 1 and Potter 2 with a C or higher and/or recommendation by instructor.****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

Students in this course will extend work begun in Ceramics/Pottery 2 to include the study and applications of advanced techniques. CONCURRENT COURSE with WSU-With this course, students will have the opportunity to sign up for concurrent credit with Wichita State University for 3 college credits.

PHOTO IMAGING: 5715**Grade Level: 9, 10, 11, 12****One Semester - 0.5 Credit**

Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. Students will also explore basic techniques of photography including exposure, composition and camera use.

CREATIVE PHOTOGRAPHY 2: 8134/8135**Prerequisite: 0.5 Credit of Photo Imaging with a C or higher and/or teacher approval.****Grade Level: 10, 11, 12****Two Semesters - 1.0 Credit**

Students will extend work begun in Photo Imaging to include the study and application of advanced techniques. Students will learn a variety of photography practices including digital and analog processes. In this course, students will learn to think creatively and improve their conceptual thought.

CREATIVE PHOTOGRAPHY 3: 8129/8130**Prerequisite: 1.0 Credit of Creative Photo 2 with a C or higher and/or teacher approval.****Grade Level: 11, 12****Two Semesters - 1.0 Credit**

Students will extend work begun in Creative Photography 2 to include the study and application of advanced techniques.

ADVANCED PLACEMENT STUDIO ART: 8055/8056 (Ceramics/Sculpture students may earn Concurrent Credit)**Prerequisite: Teacher approval.****Grade Level: 11, 12****Two Semesters - 1.0 Credit****Advanced placement test fee will be required.**

AP Studio Art courses are designed for students with a professional or academic interest in two-dimensional or three-dimensional art. These courses focus on a variety of concepts and approaches in Drawing/Painting, 2-D Design, and 3-D design (ceramics/sculpture), enabling the students to demonstrate a range of abilities and versatility with media, technique, problem solving, and scope. Such conceptual variety can be demonstrated through either the use of one or the use of several media.

SPECIAL ART PRODUCTION (Drawing & Painting): 8381/8382

SPECIAL ART PRODUCTION (Photography): 8381/8382 (35mm camera & Project fee required)

SPECIAL ART PRODUCTION (Pottery & Sculpture): 8381/8382

Prerequisite: Teacher approval (for all 3 versions of Special Art Production).

Grade Level: 11, 12

Two Semesters - 1.0 Credit

Special Art Production courses are long term advanced art studies and/or production in art. These courses are designed for advanced students who are self-motivated and able to work independently with minimal instruction or assistance. These courses require teacher approval and must meet certain departmental guidelines. (These courses may be repeated for credit.)

ADVANCED PLACEMENT ART HISTORY: 8007/8008 (Concurrent Credit)

Grade Level: 10, 11, 12

Two Semesters - 1.0 Credit

Advanced placement test fee will be required.

Designed to parallel college-level Art History courses, AP Art History courses provide the opportunity for students to critically examine architecture, sculpture, painting, and other art forms within their historical and cultural contexts. In covering the art of several centuries (not necessarily in chronological order), students learn to identify different styles, techniques, media, and influences and to formulate and articulate their reactions to various kinds of artwork. Students who enroll in this course are required to take the AP exam in the spring.