Wichita High School East
Program of Studies 2018-2019

Mission Statement:
Wichita High School East provides a collaborative community where students and staff are actively engaged in learning.

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Credit Requirements for Graduation

Social Studies
- 1 semester of World History
- 2 semesters of U.S. History 1
- 2 semesters of U.S. History 2
- 1 semester of Government

Total = 3 credits of Social Studies

Science and Technology
- 6 semesters of science classes number 4000-4999

Total = 3 credits of Science

Math
- 6 semesters of math credit Algebra 1 and higher

Total = 3 credits of Math

English
- 2 semesters of English 1
- 2 semesters of English 2
- 2 semesters of English 3
- two semesters total chosen from the following: AP English, English 4, or Honors English 4

Total = 4 credits of English

Physical Education
- 2 semesters of P. E. Foundations

Total = 1 credit of Physical Education

Fine Arts
- 2 semesters of Fine Arts (includes art, music, theatre, forensics—See complete list on page 5)

Total = 1 credit of Fine Arts

Financial Literacy/.5 CTE
- 1 semester Financial Literacy 7610
- 1 semester Career and Technical Education (CTE). See page 6 for course listing. If you have a question please see a counselor.

Total = 1 credit of Financial Literacy/.5 CTE

23 credits required for graduation. All listed above and .5 Financial Literacy/.5 CTE class

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

**Remember that it is the student’s responsibility to assure that all requirements, competencies, required courses and credits are met according to the district’s guidelines.

**If you are anticipating attending college and/or playing college sports you should also be sure to read the sections pertaining to the Board of Regents Requirements and the NCAA Eligibility.

Notice of Nondiscrimination

The Wichita Public Schools does not discriminate on the basis of race, color, national origin, sex, handicap/disability, religion, or age. Persons having inquiries may contact Evies O. Cranford, the school district's ADA and Section 504 coordinator, 201 N. Water Street, Wichita, KS 67202, (316) 973-4631.
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
Kansas Course Codes are used 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 high school 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.

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 with a 2.0 GPA 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: April 2014
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 ELIGIBILITY

***Subject to Change—See www.eligibilitycenter.org***

CORE CLASS REQUIREMENTS

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<tr>
<th>Classes</th>
<th>Division 1</th>
<th>Division 2</th>
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<tr>
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<td>Science core</td>
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<td>Social Science core</td>
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<td>From Engl., Math or</td>
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<tr>
<td>Science core</td>
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<td>Additional core</td>
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<td>(English, Math, Science, Social Science, Foreign Language, Philosophy or Nondoctrinal Religion)</td>
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SLIDING SCALE (CORE GPA/ACT) FOR DIVISION I

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<th>Core GPA</th>
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<th>SAT</th>
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<td>800</td>
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</table>

*GPA is calculated by using only the 16 hours of required coursework as described above (not the cumulative GPA)!
*ACT is calculated by taking the four best sub scores from any test setting.
*Division 2 requires a combined score of 68 on the ACT and a 2.0 core GPA. (no sliding scale)
*Division 3 does not use NCAA Initial-Eligibility Clearinghouse

NAIA ELIGIBILITY REQUIREMENTS  http://www.athleticscholarships.net/
This includes the universities in KCAC: Bethel, Bethany, Friends, Kansas Wesleyan, McPherson, Ottawa, Southwestern, Sterling, and Tabor.

Entering freshman must meet two of the following three criteria:

1. Overall GPA of 2.0 or higher
2. ACT score of 18 or higher
   (SAT score of 860 or higher)
3. Rank in the top half of seniors

COMMUNITY COLLEGE ELIGIBILITY

Entering freshman must be a high school graduate or have a GED. To continue in athletics at an NCAA Division I university, the athlete must earn an Associate Degree from the community college. Division II and NAIA programs require only that a certain number of hours be completed and that progress is being made toward a degree.
FINE ARTS

One (1) unit of credit in Fine Arts, which may include art, music, dance, theatre, and forensics. In addition, the following courses will fulfill the Fine Arts credit:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Additional Credit</th>
<th>Course Title</th>
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<tr>
<td>1111-1112</td>
<td>Dramatics 1</td>
<td>8506-8507</td>
<td>Band 3</td>
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<td>1121-1122</td>
<td>Dramatics 2</td>
<td>8511-8512</td>
<td>Band 2</td>
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<tr>
<td>1145-1146</td>
<td>Repertory Theatre</td>
<td>8549-8550</td>
<td>Concert Choir</td>
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<td>1251</td>
<td>Forensics 1</td>
<td>8556-8557</td>
<td>Men' Chorus</td>
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<td>1252</td>
<td>Forensics 2</td>
<td>8561-8562</td>
<td>Women's Chorus</td>
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<td>1253</td>
<td>Forensics 3</td>
<td>8584-8585</td>
<td>Women's Ensemble</td>
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<td>1254</td>
<td>Forensics 4</td>
<td>8594-8595</td>
<td>Madrigal Singers</td>
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<td>1813-1814</td>
<td>Film Studies 1</td>
<td>8606-8607</td>
<td>Jazz Band</td>
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<td>5715</td>
<td>Photo Imaging</td>
<td>8640</td>
<td>Music Appreciation</td>
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<td>5727-5728</td>
<td>Project Management for Communications</td>
<td>8721-8722</td>
<td>Orchestra 3</td>
</tr>
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<td>5749-5752</td>
<td>Essentials of Interior and Textile Design</td>
<td>8731-8732</td>
<td>Orchestra 2</td>
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<tr>
<td>5769</td>
<td>Introduction to Drawing</td>
<td>8741-8742</td>
<td>Orchestra 1</td>
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<td>5778</td>
<td>Principles of Illustration</td>
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<tr>
<td>5781-5782</td>
<td>Graphic Design</td>
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<tr>
<td>6743</td>
<td>Web Page Design</td>
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<tr>
<td>8007-8008</td>
<td>AP Art History</td>
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<tr>
<td>8055-8056</td>
<td>AP Studio Art</td>
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<td>8119</td>
<td>Sculpture</td>
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<td>8129-8130</td>
<td>Creavite Photo 3</td>
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<td>8131-8132</td>
<td>Creative Photo 1</td>
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<td>8173-8174</td>
<td>Drawing and Painting 3</td>
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<td>8201</td>
<td>Introduction to Art</td>
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<tr>
<td>8251-8252</td>
<td>Drawing and Painting 1</td>
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<td>8261-8262</td>
<td>Drawing and painting 2</td>
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<td>8311</td>
<td>Pottery 1</td>
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<tr>
<td>8321-8322</td>
<td>Pottery and Sculpture 2</td>
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<td>8323-8324</td>
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<tr>
<td>8381-8382</td>
<td>Special Art Production</td>
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</table>
### Career and Technical Education Credit

All students must earn .5 credit of Career and Technical Education (CTE) Classes. Those CTE classes may be met with the following courses.

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<th>Course Code</th>
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<tr>
<td>5700</td>
<td>Interactive Media</td>
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<td>5711</td>
<td>21\textsuperscript{st} Century Journalism</td>
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<tr>
<td>5712</td>
<td>Fundamentals of Graphic Design</td>
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<tr>
<td>5713</td>
<td>Digital Media Technology</td>
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<tr>
<td>5714</td>
<td>Media &amp; Public Relations</td>
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<td>5715</td>
<td>Photo Imaging</td>
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<tr>
<td>5725</td>
<td>Digital Video Production</td>
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<td>Digital Video Production</td>
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<td>5727</td>
<td>Project Management for Communications</td>
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<td>5735</td>
<td>Computer Essentials</td>
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<td>5740</td>
<td>Programming 1</td>
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<td>5741</td>
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<td>5744</td>
<td>Audio/Video Production Fundamentals</td>
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<td>Digital Media Design &amp; Production</td>
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East High
Math Courses

*Students who take Algebra 1 in 8th grade and do not receive an A or B should retake it during 9th grade.

*Students who have not yet earned Algebra 1 credit by their third year should be enrolled in both Algebra 1 and Geometry (Tier 2).
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<td>3800</td>
<td>Sociology</td>
<td>11-12</td>
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<td>5735</td>
<td>Computer Essentials</td>
<td>9-12</td>
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<tr>
<td>5741</td>
<td>Computer Graphics--The Basics</td>
<td>9-12</td>
<td>No prerequisite</td>
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<td>5742</td>
<td>Computer Graphics--Projects</td>
<td>9-12</td>
<td>No prerequisite</td>
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<td>5793</td>
<td>Animation</td>
<td>9-12</td>
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<td>5744</td>
<td>Audio/Video Production Fundamentals</td>
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<td>No prerequisite</td>
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<td>Web Page Design</td>
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<td>Recommended Comp Ess. Or Comp Graphics</td>
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<td>6170</td>
<td>Business Law</td>
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<td>6173</td>
<td>Practical Law</td>
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<td>6706</td>
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<td>6720</td>
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<td>9-11</td>
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<td>6521</td>
<td>Investing</td>
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<td>6801</td>
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<td>Digital Marketing</td>
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<td>5769</td>
<td>Introduction to Drawing</td>
<td>9-12</td>
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<td>11</td>
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<tr>
<td>8119</td>
<td>Sculpture 1</td>
<td>9-12</td>
<td></td>
<td>11</td>
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<tr>
<td>8311</td>
<td>Ceramics/Pottery 1</td>
<td>9-12</td>
<td></td>
<td>12</td>
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<td>5778</td>
<td>Principles of Illustration</td>
<td>9-12</td>
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<td>7470</td>
<td>Introduction To Industrial Technology</td>
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<td>7546</td>
<td>Remodeling &amp; Building Maintenance</td>
<td>11-12</td>
<td>Prerequisite Res. Carp. 1 &amp; 2</td>
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<td>5715</td>
<td>Photo Imaging</td>
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<td>Introduction to Family and Consumer Sciences</td>
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<td>7600</td>
<td>Parenting/Child Development</td>
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<td>6732</td>
<td>Culinary Essentials</td>
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<td>Cooking</td>
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<td>6729</td>
<td>Baking &amp; Pastry 1</td>
<td>9-12</td>
<td>C in Cul. Ess.</td>
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<tr>
<td>6730</td>
<td>Baking &amp; Pastry 2</td>
<td>9-12</td>
<td>Baking &amp; Pastry 1</td>
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<td>7823</td>
<td>Nutrition and Wellness</td>
<td>10-12</td>
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<td>7820</td>
<td>Family Studies</td>
<td>10-12</td>
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<td>7900</td>
<td>World of Children</td>
<td>10-12</td>
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<td>8640</td>
<td>Music Appreciation</td>
<td>9-12</td>
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<td>9203/04</td>
<td>Aerobics</td>
<td>10-12</td>
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<td>Lifetime Sports</td>
<td>10-12</td>
<td>may take for 1 or 2 sem.</td>
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<tr>
<td>9213/14</td>
<td>Weight Training</td>
<td>10-12</td>
<td>may take for 1 or 2 sem.</td>
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Visual Arts

AP ART HISTORY 8007-8008
Grade Level: 10, 11, 12
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. Advanced placement test fee will be required.

Drawing and Painting 3 8173-8174
Prerequisite: Intro to Drawing
Grade Level: 11, 12
Students will extend work begun in Intro to Drawing to include the study and application of advanced techniques.

AP STUDIO ART 8055-8056
Grade Level: 11, 12
Prerequisite: Teacher approval
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. Teacher approval required. Advanced placement test fee will be required.

INTRODUCTION TO DRAWING 5769
Grade Level: 9, 10, 11, 12
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. One semester. One-half credit.

FUNDAMENTALS OF ART 8201
Grade Level: 9, 10, 11, 12
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. One semester. One-half credit.

SCULPTURE 1 8119
Grade Level: 9, 10, 11, 12
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. One semester. One-half credit.

SCULPTURE 2 8191-8182
Grade Level: 10, 11, 12
Prerequisite: Sculpture 1
Students will extend work begun in Sculpture 1 to include the study and application of advanced techniques. Two semesters. One credit.
CERAMICS/POTTERY 1  8311
Grade Level: 9,10,11,12
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. They develop knowledge of ceramic techniques and processes with an emphasis on creative design and craftsmanship. Experience includes, but is not limited to, clay modeling, hand building, coil building, casting, sculpture and throwing on the potter’s wheel. Students develop a working knowledge of kiln firing and glazing techniques. Project fee required. One semester. One-half credit Fine Arts credit.

CERAMICS/POTTERY 2  8321-8322
Prerequisite: C or above in Pottery and Sculpture 1
Grade Level: 10, 11, 12
Students in this course will extend work begun in Ceramics/Pottery 1 to include the study and applications of advanced techniques. Two semesters. One credit.

CERAMICS/POTTERY 3  8323-8324
Prerequisite: C or above in Pottery and Sculpture 2
Grade Level: 11, 12
Prerequisite: Ceramics/Pottery 1 and Ceramics/Pottery 2
Students in this course will extend work begun in Ceramics/Pottery 2 to include the study and applications of advanced techniques. Two semesters. One credit.

PRINCIPLES OF ILLUSTRATION  5778
Grade Level: 9,10,11,12
This one semester course in 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) and digital illustration. 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. One semester. One-half credit.

GRAPHIC DESIGN  5781-5782
Prerequisite: Principles of Illustration or Teacher Approval
Grade Level: 10, 11, 12
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.

PROJECT MANAGEMENT IN GRAPHIC DESIGN  5755-5756
Prerequisite: Graphic Design or Teacher Approval
Grade Level: 11, 12
Using an AP curriculum, students expand their Graphic Design Portfolio using technique learned in Graphic Design and Principles of Illustration. Students have the opportunity to explore real life jobs while they build a college ready portfolio. Students have the opportunity to apply for AP 2D Credit during second semester and may qualify for college equivalent credit while in high school.

ACCOUNTING  6013-6014
Grade Level: 9, 10, 11, 12
Software: Excel, Virtual Business Accounting Online
Accounting will teach you how to manage finances for both your own business, and for a large corporation. It will have you prepared to take Accounting in College! You will learn about financial decision making and improve your spreadsheet skills! A Project Fee is required. Two semesters. One credit.

ADVANCED ACCOUNTING  6015-6016
Prerequisite: Accounting
Grade Level: 11, 12
Software: Excel, Virtual Business Accounting Online
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. A Project Fee is required. Two semesters. One credit.

COMPUTER ESSENTIALS  5735
Grade Level: 9, 10, 11, 12
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. A Project Fee is required. One semester. One-half credit.

COMPUTER GRAPHICS-The Basics  5741
Grade Level: 9, 10, 11, 12
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. They will also do some basic retouching of images or digital pictures. A Project Fee is required. One Semester. One-half credit.

COMPUTER GRAPHICS-Projects  5742
Grade Level: 9, 10, 11, 12
Using InDesign from the Adobe Creative Cloud software package, students will focus on using the computer and printer as a publishing tool to create various documents. The students will use text, graphics, and principles of design to produce professional layouts such as flyers, brochures, letterheads, etc. A Project Fee is required. One Semester. One-half credit.

ANIMATION  5793
Grade Level: 9, 10, 11, 12
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. A Project Fee is required. One semester. One-half credit.
This project-based course introduces key marketing concepts, the role of marketing within organizations, and the role of marketing in society. Topics include selling, product management, distribution, promotion, pricing, market research, and market planning. Students will have the opportunity to design and develop a new product prototype based on authentic market research, engage in an online virtual business simulation, develop a promotional plan for an existing business or product and design effective merchandising strategies for our school-based enterprises. A Project Fee is required. Two semesters. One credit.

**MARKETING APPLICATIONS** 6629-6630
Grade Level: 11, 12
Prerequisite (any of the following): Principles of Marketing, Digital Marketing, Youth Entrepreneurs, Sports and Entertainment Marketing, or Instructor Approval
Students who want real experience managing a retail store and who have a strong work ethic should enroll in Marketing Applications. Students will apply their learning of business and marketing to manage our two school stores, The Ace Place and The Landing as well as our web store aceplaceonline.com. 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, an club for emerging leaders and entrepreneurs. A Project Fee is required. Two semesters. One credit.

**DIGITAL MARKETING** 6627
Grade Level: 10, 11, 12
New course for 2018-2019!
Students will study the latest digital marketing trends, e-commerce strategy, search engine optimization, email marketing, social media strategy, online branding, and mobile marketing. This hands on course will allow students to develop a digital marketing and social media plan. One semester. One-half credit.

**SPORTS AND ENTERTAINMENT MARKETING** 6801
Grade Level: 10, 11, 12
This course will provide a background in the fields of Sports and Entertainment Marketing (SEM). This interactive, project-based class will cover a variety of marketing topics in relation to the sports and entertainment industry. A Project Fee is required. One semester. One-half credit.

**YOUTH ENTREPRENEURS** 6888-6889
Grade Level: 10, 11, 12
The class focuses on the application of an idea – an idea 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. No prerequisites are necessary. Two semesters. One credit.

**BUSINESS ESSENTIALS** 6720
Grade Level: 9, 10, 11, 12
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. A Project Fee is required. One semester. One-half credit.
INVESTING 6521
Grade Level: 10, 11, 12
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! Project Fee is required. One semester. One-half credit.

PRACTICAL LAW 6173
Grade Level: 10, 11, 12
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 responsibilities. Lots of case studies and practical application is incorporated into the course. One semester. One-half credit.

BUSINESS LAW 6170
Grade Level: 10, 11, 12
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.

PEER LEADERSHIP SKILLS/YOUTH COURT 9115-9116
Prerequisite: Teacher Approval/application
Grade Level: 10, 11, 12
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's, 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.

BUSINESS MANAGEMENT 6706
Grade Level: 10, 11, 12
Software: Virtual Business Management Online
Business Management uses a computerized simulation that teaches you how to owning, operating, manage, and make decisions for a business. You will obtain the skills needed to plan, staff, finance, and control day to day business operations. You will also get to investigate how industry, government, and the global economy may affect your business. A Project Fee is required. One semester. One-half credit.

Introduction to Computer Science 6755f-6756f
(1st in the series of computer science pathway courses)
Prerequisite: Algebra 1
Grade Level: 9, 10, 11, 12
Students will experience the major topics, big ideas, computational thinking practices, and fundamentals of programming used by computing professionals to solve problems and create value for others.

This course will empower students to develop computational thinking skills while building confidence that prepares them to advance to Computer Science Principles and Computer Science Applications. Utilizes Mobile App Design, Robot Control as well as traditional programming tools. A Project Fee is required. Two semesters. One credit.

Computer Science Principles 6753f-6754f
(2nd in the series of computer science pathway courses or a "specialty" option in the series of engineering pathway courses)
Prerequisite: Introduction to Computer Science or Principles of Engineering, and Introduction to Engineering Design, and teacher recommendation
Grade Level: 10, 11, 12
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. A Project Fee is required. Two semesters. One credit.

Computer Science Applications 6757f-6758f
(3rd in the series of computer science pathway courses or a "specialty" option in the series of engineering pathway courses)
Prerequisite: Computer Science Principles
Grade Level: 10, 11, 12
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 their community. This course is aligned to the AP CSA framework. A Project Fee is required. Two semesters. One credit.

FINANCIAL LITERACY 7610f
Grade Level: 12
Technical Level
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. One semester. One-half credit.

HONORS FINANCIAL LITERACY 7630
Grade Level: 12
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.
ENGLISH-LANGUAGE ARTS

ENGLISH 1 1211-1212
Grade Level: 9
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. Two semesters. One credit.

ENGLISH 1 HONORS 1213-1214
Grade Level: 9
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. Two semesters. One credit.

ENGLISH 2 1221-1222
Grade Level: 10
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. Two semesters. One credit.

ENGLISH 2 HONORS 1223-1224
Grade Level: 10
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. Two semesters. One credit.

ENGLISH 3 1231-1232
Grade Level: 11
In this course students will develop greater sophistication in their understanding and use of writing, reading, oral language and literature. Students will write a literary analysis, a persuasive paper, a timed in-class paper, and a research paper; will read American literature, reading both fiction and nonfiction from different periods and cultures; and will refine speaking and listening skills through oral presentations. Two semesters. One credit.

ENGLISH 3 HONORS 1233-1234
Grade Level: 11
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. Two semesters. One credit.

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION 1161-1162
Grade Level: 11
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. Advanced placement test fee will required. Two semesters. One credit.

ENGLISH 4 1561-1562
Grade Level: 12
English 4 is designed to help high school students develop and refine career-related communication skills: reading, writing, teaming, listening, speaking, problem-solving, and verbal and nonverbal skills. These skills are learned through application and practice. Two semesters. One credit.

HONORS ENGLISH 4 1153-1154
Grade Level: 12
In this course, students will unify and apply their study of composition, language, and literature. The emphasis in language is the application of all the enabling skills in composition for their use in writing all forms of composing. The emphasis of composition is on application of skills with attention given to individual style. The study of literature continues the emphasis on genres with attention to historical, social, and political implications of literature. Two semesters. One credit.

ADVANCED PLACEMENT LITERATURE 1201-1202
Grade Level: 12
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. Two semesters. One credit. Students who enroll in this course are required to take the AP exam in the spring. Advanced placement test fee will required.

CREATIVE WRITING I 1540
Prerequisite: English 1
Grade Level 10, 11, 12
In this course students will develop creative talents in writing articles, poetry, short stories, and drama with emphasis on writing quality short pieces. One semester. One-half credit.

CREATIVE WRITING 2 1541
Prerequisite: Creative Writing 1
Grade Level 10, 11, 12
In this course students will develop creative talents in writing articles, poetry, short stories, and drama. Students will work on the school creative magazine. One semester. One-half credit.
DEBATE 1
Grade Level: 9, 10, 11, 12
(First 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. One semester. One-half credit.

DEBATE 2
Prerequisite: Debate 1
Grade Level: 10, 11, 12
(First Semester Only, Zero Hour)
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. One semester. One-half credit.

DEBATE 3
Prerequisite: Debate 1, 2
Grade level: 11, 12
(First Semester Only, Zero Hour)
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
Prerequisite: Debate 1, 2, 3
Grade Level: 12
(First Semester Only, Zero Hour)
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. One semester. One-half credit.

DRAMATICS 1
Grade Level: 9, 10, 11, 12
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. Two semesters. One credit.

DRAMATICS 2
Prerequisite: Dramatics 1 and teacher approval
Grade Level: 10, 11, 12
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. Two semesters. One credit.

Forensics Theatre
Prerequisite: Completion of Drama 1 and placement is by audition only
Grade Level: 10, 11, 12
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. This course may be repeated for credit. Two Semesters. One credit.

FILM STUDIES 1
Prerequisite: Drama 1, Pre-IB Art, Intro to Art, &/or teacher approval
Grade Level: 10, 11, 12
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. Two semesters. One credit.

FORENSICS 1
Grade Level: 9, 10, 11, 12
(Second Semester Only, Zero Hour)
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. One semester. One-half credit.

FORENSICS 2
Prerequisite: Forensics 1
Grade Level: 10, 11, 12
(Second Semester Only, Zero Hour)
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. One semester. One-half credit.
FORENSICS 3 1253
Prerequisite: Forensics 1, 2, and Teacher Approval
Grade Level: 11, 12
(Second Semester Only, Zero Hour)
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. One semester. One-half credit.

FORENSICS 4 1254
Prerequisite: Forensics 1, 2, 3 and Teacher Approval
Grade Level: 12
(Second Semester Only, Zero Hour)
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. One semester. One-half credit.

SPEECH 1 1731
Grade Level: 11, 12
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, see page 30. One semester. One-half credit.

FAMILY & CONSUMER SCIENCE

INTRODUCTION to FAMILY and CONSUMER SCIENCES 7675
Grade Level: 9, 10
Entry Level
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 social work, consumer services, early childhood, teaching, culinary, interior design and fashion.

PARENTING/CHILD DEVELOPMENT 7600
Grade Level: 10, 11, 12
Technical Level
No pre-requisite
Students will study human growth and development and the physical, intellectual, social and emotional development of children from conception to age three with emphasis on awareness of the special responsibilities of parenting and discipline 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. One semester. One-half credit.

WORLD OF CHILDREN 7900
Grade Level: 10, 11, 12
Technical Level
No pre-requisite
Students in this course will learn about the physical, intellectual, emotional, and social development of children ages three to six. Students will observe and practice 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 divorce or death. One semester. One-half credit.

EARLY CHILDHOOD FOUNDATIONS 7611-7612
Grade Level: 11, 12
Technical Level
Co-requisite: Early Childhood Foundations Lab
Pre-requisite: Successful completion of Parenting/Child Development or World of Children and Teacher Approval
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 organizing 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 7673-7674). Two semesters. One Credit.

EARLY CHILDHOOD LAB 7613-7614
Grade Level: 11, 12
Application Level
Co-requisite: Early Childhood Foundations
Pre-requisite: Successful completion of Parenting/Child Development or World of Children and Teacher Approval
Students work as aides/caregivers in assisting activities of children in the Child Development Center. Students must be enrolled concurrently in Early Childhood Foundations. Two semesters. One credit

APPAREL PRODUCTION 1 5833f
Grade Level: 9, 10, 11, 12
Technical Level
No pre-requisite
Students will learn to sew utilizing basic use of equipment and procedures to create garments. Students will also learn fabric characteristics, labeling and care. A lab fee is charged for this class. One semester. One-half credit.

APPAREL PRODUCTION 2 5834f
Grade Level: 9, 10, 11, 12
Technical Level
Pre-requisite: Successful completion of Apparel Production 1 (grade C or better)
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. A lab fee is charged for this class. One semester. One-half credit.

ESSENTIALS OF INTERIOR & TEXTILES 5752-5749
Grade Level: 9, 10, 11, 12
Technical Level
No pre-requisite
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, fashion 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. Two semesters. One full credit. One half fine arts credit.
INTERIOR & TEXTILE MERCHANDISING 5759-5799
Grade Level: 10, 11, 12
Technical Level
No pre-requisite
An emphasis is placed on fashion merchandising. The class centers upon the merchandising or selling of interior, fashion, and textile (fabric) products. Topics include exploring fashion cycles, designers, trends, and style as well as techniques in coordination, promotion, display, and retail sales of fashion and interior items.
One semester. One-half credit.

INTERIOR & TEXTILE DESIGN STUDIO 5789-5790
Grade Level: 11, 12
Application Level
Pre-requisite: Successful completion (grade C or higher) of 1 full credit in the interior & textile career pathway at the technical skill level.
This is a project based class 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 utilized in hands-on professional learning experiences and projects. Students plan designs to meet the needs of clients. A lab fee is charged for this class. One semester. One full credit.

CULINARY ESSENTIALS 6732
Grade Level: 9, 10, 11, 12
Technical Level
This is a beginning food preparation course. It will provide students with introductory knowledge and skills related to commercial and institutional food service establishments. Course topics include sanitation and safety procedures, nutrition, food preparation skills, and meal planning and presentation. Culinary Essentials is a pre-requisite for any other food preparation course. There is a lab fee for this class. One semester. One-half credit.

FOOD SCIENCE 4601-4602
Grade Level: 11, 12
Technical Level
Food Science students will use scientific methods to study the biological and chemical basis for food preparation, preservation, processing, and fermentation. Students develop reasoning skills through measuring, recording, and laboratory writing of short and exciting food projects. Through the study of food additives and labeling, students will be better informed consumers. Careers in food science will be investigated. This class is an applied Science course in the Family and Consumer Science foods lab by Family and Consumer Science teachers trained in food science. Students may receive credit either in Science or Family and Consumer Science. This course may count as the third science credit. There is a lab fee for this class. Two semesters. One credit.

BAKING & PASTRY 1 6729
Grade Level: 9, 10, 11, 12
Technical Level
Pre-requisite: Successful completion of a grade of C or better in Culinary Essentials
Students will focus on instruction and skill development related to bakery items. Topics include the study of grain production, nutritional values and product performance. Baking experiences include yeast breads, quick breads, cakes (and cake decoration) and other baked desserts, product outcomes using various flours and storage methods. There is a lab fee for this class. One semester. One-half credit.

BAKING AND PASTRY 2 6730
Grade Level: 10, 11, 12
Technical Level
Pre-requisite: Baking and Pastry 1 (grade C or better)
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. There is a lab fee for this class. One semester. One-half credit.

CULINARY ARTS 1 6727-6728
Grade Level: 10, 11, 12
Technical Level
Pre-requisite: Successful completion of Culinary Essentials with a grade C or higher.
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. There is a lab fee for this class. Two semesters. One full credit.

CULINARY APPLICATIONS 6725-6726
Grade Level: 11, 12
Application Level
Pre-requisite: 1 full technical credit in the Culinary Arts Pathway and Teacher Approval
This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based internship. 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. Two semesters. One full credit.

FAMILY STUDIES 7820
Grade Level: 10, 11, 12
Technical Level
No pre-requisite
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 peer members. 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. One semester. One-half credit.
NUTRITION AND WELLNESS

Grade Level: 10, 11, 12
Technical Level
No pre-requisite
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.** One semester. One-half credit.

COMMUNITY CONNECTIONS

Grade Level: 11, 12
Application Level
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)
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. One semester. One-half credit.

FOREIGN LANGUAGE

FRENCH 1

Grade Level: 9, 10, 11, 12
This course is designed as an introduction to French language and culture. It acquaints the students with listening, speaking, reading, and writing skills while looking at French culture and geographical aspects of French-speaking regions. The emphasis at this level is on listening and speaking. Workbook fees applicable. Two semesters. One credit.

FRENCH 2

Prerequisite: French 1 or IB (Grade 8)
Grade Level: 9, 10, 11, 12
This course is designed to continue the listening, speaking, reading, writing, and culture activities. There will be an emphasis on reading, writing, and culture. Workbook fees applicable. Two semesters. One credit.

FRENCH 3

Prerequisite: French 2
Grade Level: 10, 11, 12
French will be used as the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study French literature and give oral and written reports in French. Workbook fees applicable. Two semesters. One credit.

FRENCH 4

Prerequisite: French 3
Grade Level: 11, 12
French will be used as the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of French-speaking countries. Workbook fees applicable. Two semesters. One credit.

FRENCH 5

Prerequisite: French 4
Grade Level: 12
French will be used as the language of instruction in the course. Increased proficiency in all four skills is the goal, with an emphasis on research into the literature of various French-speaking countries. Workbook fees applicable. Two semesters. One credit.

SPANISH FOR NATIVES 1

Prerequisite: Teacher Approval
Grade Level: 9, 10, 11, 12
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. Workbook fees applicable. Two Semesters. One Credit.

SPANISH FOR NATIVES 2

Prerequisite: Teacher Approval
Grade Level: 9, 10, 11, 12
This course is designed to continue improving the reading and writing skills of students who have fluent oral language as native speakers. Workbook fees applicable. Two semesters. One credit.

SPANISH 1

Grade Level: 9, 10, 11, 12
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. Workbook fees applicable. Two semesters. One credit.

SPANISH 2

Prerequisite: Spanish 1 or IB (Grade 8)
Grade Level: 9, 10, 11, 12
This course is designed to continue the listening, speaking, reading, writing, and cultural activities. There will be an emphasis on reading, writing, and culture. Workbook fees applicable. Two semesters. One credit.

SPANISH 3

Prerequisite: Spanish 2
Grade Level: 10, 11, 12
Spanish will be the language of instruction in this course. Oral communication will continue to be stressed, with more of the responsibility for class presentations resting with the students. Students will study Hispanic literature and give oral and written reports in Spanish. Workbook fees applicable. Two semesters. One credit.
SPANISH 4  5441-5442
Prerequisite: Spanish 3
Grade Level: 11, 12
Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with continued emphasis on the culture of Spanish-speaking countries. Workbook fees applicable. Two semesters. One credit.

SPANISH 5  5451-5452
Prerequisite: Spanish 4
Grade Level: 12
Spanish will be the language of instruction in this course. Increased proficiency in all four skills is the goal, with an emphasis on research into the literature of various Spanish-speaking countries. Workbook fees applicable. Two semesters. One credit.

**Journalism**

21st CENTURY JOURNALISM & GRAPHIC DESIGN  5711-5712
Grade Level: 9, 10, 11, 12 & previous year’s English grades of A or B
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. Two semesters. One credit

NEWSMAGAZINE and ELECTRONIC MEDIA STAFF 1 (DIGITAL MEDIA TECHNOLOGY)  5713-5713T
Grade Level: 10, 11, 12 and teacher approval
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 multimedia 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. Two semesters. One credit

NEWSMAGAZINE and ELECTRONIC MEDIA STAFF 2 & 3 (PROJECT MANAGEMENT FOR COMMUNICATIONS)  5727-5728
(Newspaper)
Grade Level: 11, 12 & instructor approval
This course provides an opportunity for students to determine and manage a print or electronic media project. Strategies include defining the project, determining sequential steps, creating a timeline, determining budget, assigning personnel, monitoring work in progress, and evaluating the final project. Ad sales and work nights are required. Two semesters. One credit.

DIGITAL MEDIA TECHNOLOGY  5707-5708
(Yearbook)
Grade Level: 10, 11, 12 and teacher approval
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 multimedia 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. Two semesters. One credit.

**PROJECT MANAGEMENT FOR COMMUNICATIONS**  5717-5718
YEARBOOK STAFF 2 & 3
Grade Level: 11, 12 & instructor approval
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. Two semesters. One credit.

**MATH**

***SEE PAGE 7 FOR MATH PLACEMENT RECOMMENDATIONS***

ALGEBRA 1 (TIER 1)  2111-2112
Prerequisite: 1 unit of Pre-Algebra or equivalent or 1 unit of Algebra 1 with grade of F
Grade Level: 9
In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in manipulating signed numbers, graphing, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

ALGEBRA 1 (TIER 2)  2111-2112
Prerequisite: 1 unit of Pre-Algebra or equivalent or 1 unit of Algebra 1 with grade of F (in 8th grade)
Grade Level: 9
In this course, students will learn to communicate algebraically and to apply algebraic skills. Students will develop skills in manipulating signed numbers, graphing, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

GEOMETRY (TIER 1)  2421-2422
Prerequisite: 1 unit of Algebra 1 with grade of A or B
Grade Level: 9, 10, 11
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. Students with credit in Geometry (Tier 2) may not enroll in this course. Two semesters. One credit.

GEOMETRY (TIER 2)  9257-9258
Prerequisite: 1 unit of Algebra 1 with grade of C or D.
Grade Level: 10, 11
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. Students with credit in Geometry (Tier 1) may not enroll in this course. Two semesters. One credit.
ALGEBRA 2  (HONORS)  2135-2136
Prerequisite: 1 unit of Algebra 1 with grade of A or B and 1 unit of
Geometry with a grade of A, B, or C
(Students intending to go on to PreCalculus should enroll in this course.)
Grade Level: 9, 10, 11
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. Two semesters. One credit.

ALGEBRA 2  2121-2122
Prerequisite: 1 unit of Algebra with a grade of C or D and 1 unit of
Geometry with a grade of C or D
Grade Level: 10, 11, 12
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. Two semesters. One credit.

A P STATISTICS  2238-2239
Prerequisite: 1 unit of Honors Algebra 2 with grade of C or better, or 1
unit of Algebra 2 with grade of A or B
Grade Level: 11, 12
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.
Mathematics skills will be reinforced and tools of technology will be used
in analysis of data, probability, simulation, and statistical inference. Two
semesters. One credit. Students who enroll in this course are required to take the AP exam in the Spring. Advanced placement test fee will required.

A P CALCULUS  2248-2249
Prerequisite: 1 unit of Precalculus/Trigonometry with grade of A or B
(Instructor consent with grade of C)
Grade Level: 11, 12
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.
Two semesters. One credit. Students who enroll in this course are
required to take the AP exam in the spring. Advanced placement test fee will required.

MATH HISTORY  9071
Prerequisite: Successful completion of Algebra 2
Grade Level: 11, 12
This course is an elective. It is not high school math or history
credit. This course is a study of important mathematicians and the
historical development of numbers and numerals, methods of
computation, geometry and algebra. This course is designed to
introduce students to the development of mathematics and the
sciences. It addresses the changes in mathematical thinking over time
from Ancient Babylonia through the Renaissance. Students will
examine original materials from mathematicians and scientists and
emphasize will be placed on the development of mathematical and
scientific thought. Students will also see the obstacles that earlier
thinkers had to clear in order to make their respective contributions to
five central themes in the evolution of mathematics.

MUSIC
BAND 2  8511-8512
Grade Level: 9, 10, 11, 12
8511 is a prerequisite for 8512 annually. 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. (This course may be repeated for credit.) Two
semesters. One credit.

BAND 3  8506-8507
Grade Level: 10, 11, 12
8506 is a prerequisite for 8507 annually. This course is for experienced
instrumentalists. Placement is at the discretion of the director. Criteria
for entrance will include prior instrumental experience, ability, aptitude,
interest, and desire. Students will study band literature, individual and
together 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. (This course may be repeated for credit.) Two
semesters. One credit.
CONCERT CHOIR 8549-8550
Grade Level: 10, 11, 12
This course is for experienced vocalists. Placement is by audition or at the discretion of the director. Criteria for entrance will include prior vocal experience, ability and/or interest, and vocal quality. Students will study the broad range of choral repertoire, vocal performance skills, music history. Performing experiences will include concerts, assemblies, festivals, musicals and solos/ensembles, some of which are mandatory. A special outfit is required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

MADRIGAL SINGERS 8594-8595
Grade Level: 10, 11, 12
Placement is by audition only. Enrollment is limited to 24 or fewer students at the discretion of the director. Students must possess exceptional vocal qualifications, including superior vocal quality, musicianship, balance and blend. Students will study a wide range of musical literature and types. Some choreography is included. A demanding performance schedule is maintained and student participation in performances is mandatory. Concurrent enrollment in Concert Choir is a prerequisite. A special outfit is required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

MEN'S CHORUS 8556-8557
Grade Level: 9, 10, 11, 12
Placement in this chorus is at the discretion of the director. 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. A special outfit is required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

ORCHESTRA 2 8731-8732
Grade Level: 9, 10, 11, 12
8731 is a prerequisite for 8732 annually. 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. (This course may be repeated for credit.) Two semesters. One credit.

ORCHESTRA 3 8721-8722
Grade Level: 10, 11, 12
8721 is a prerequisite for 8722 annually. This course is for more experienced instrumentalists. Placement is by audition only. Students will study 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. (This course may be repeated for credit.) Two semesters. One credit.

STAGE BAND (JAZZ) 8606-8607
Grade Level: 9, 10, 11, 12
Enrollment in Band 2 or 3 is a prerequisite for wind players. Placement is by audition and at the discretion of the director. Students must have director's approval to enroll in this class. 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. (This course may be repeated for credit.) You need teacher approval to take this class. Two semesters. One credit.

WOMEN'S CHORUS 8561-8562
Grade Level: 9, 10, 11, 12
Placement in this chorus is at the discretion of the director. 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. (This course may be repeated for credit.) Two semesters. One credit.

WOMEN'S ENSEMBLE/LADY ACES 8584-8585
Grade Level: 10, 11, 12
Placement in this chorus is by audition or at the discretion of the director. Repertoire for this ensemble is primarily written for the female voice, although students may be added to other ensembles where needed. Criteria for entrance will include student ability, interest and enthusiasm. Prior vocal experience is required. Students will study vocal techniques, a wide range of repertoire, and the improvement of individual vocal skills. Performance experiences will include concerts, musicals, solos and ensembles, some of which are mandatory. A special outfit is required at the discretion of the director. (This course may be repeated for credit.) Two semesters. One credit.

MUSIC APPRECIATION 8640
Grade Level: 10, 11, 12
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. One semester. One-half credit.

PHYSICAL EDUCATION 9211-9212
Grade Level: 9
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. Two semesters. One credit.
Aerobics & Fitness 9204-9205
Grade Level: 10, 11, 12
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 may be repeated for credit.) 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.

Dance I 9219-9220
Grade Level: 9, 10, 11, 12
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. This course is offered fall semester. Students must have passed at least one semester of PE before taking Dance I.

Dance II 9205-9206
Grade Level: 9, 10, 11, 12
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. This course is offered spring semester. Students must have passed at least one semester of PE as well as Dance I in order to enroll in Dance II.

LIFETIME SPORTS 9207-9208
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: Aerial Tennis, Aerobics, Archery, Badminton, Bowling, Fencing, Frisbee, Golf, Handball, Jogging, Racquetball, Shuffleboard, Softball, Swimming, Table Tennis, Tennis, Volleyball, Weight Training. (This course may be repeated for credit.) 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
Grade Level: 10, 11, 12
This course will include basic training techniques and identification of apparatus and major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individual program. Students will study, learn, and use spotting techniques and other safety procedures used in the weight room and/or in any other physical activities. (This course may be repeated for credit.) This course can be taken for one or two semesters. Students must have passed at least one semester of PE before taking weight training and conditioning class.

SCIENCE
Life Sciences
BIOLOGY 1 4251-4252
Grade Level: 9
Students in this traditional course will study plant life, animal life, and human anatomy through the topics of characteristics of life, cell biology, heredity, natural selection, populations and habitats, classification, and human biology. Students will learn to use microscopes. An emphasis upon the appreciation of interdependence between all life forms within an environment will be a unifying theme through the year. Two Semesters. One Credit.

BIOLOGY 1 HONORS 4253-4254
Prerequisite: Previous science grade, standardized test scores, 8th grade teacher recommendation
Grade Level: 9
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. Characteristics of life, cell biology, heredity, natural selection, ecology, classification and human biology will be studied with an emphasis upon appreciation of the interdependence between all life forms within an environment. Two semesters. One Credit.

ADVANCED PLACEMENT BIOLOGY 4248-4249
Prerequisite: Honors Biology with A or B or Biology I with A and Chemistry 1 and/or Physics with C or better; teacher recommendation
Grade Level: 11, 12
This course is equivalent to the first-year college biology course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement Biology Program. Students in this course can expect a heavy homework load. Two semesters. One Credit. Students who enroll in this course are required to take the AP exam in the spring. Advanced placement test fee will required.

ANATOMY AND PHYSIOLOGY 4821-4822
Prerequisite: Biology 1 with C or better, and C or better in last science class; teacher approval
Grade Level: 11, 12
In this course, students will study the structure and functions of human body systems. Students will study body structure through dissection and with microscopes. Also contained in the course will be such related topics as health, disease and disease prevention. Two semesters. One credit.

Physical Sciences
EARTH SCIENCE 4351-4352
Grade Level: 10, 11, 12
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. Two semesters. One credit.

Physical Science 4811-4812
Prerequisite: Biology I with a B or C or Honors Biology with a D and Algebra 1 Tier 1 with a C, Algebra 1 Tier 2 with a B
Grade Level: 10, 11, 12
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. Two Semesters - 1.0 credit.
GLOBAL ENVIRONMENTAL SCIENCE  4827-4828
Grade level: 11, 12
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. Two semesters. One credit.

CHEMISTRY 1  4321-4322
Prerequisite: Physics with B or C and concurrent Algebra 2
Grade Level: 11, 12
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. Two semesters. One credit.

CHEMISTRY 1 HONORS  4323-4324
Prerequisite: Physics with an A and concurrent Algebra 2
Grade Level: 11, 12
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. Two semesters. One credit.

ADVANCED PLACEMENT CHEMISTRY  4331-4332
Prerequisite: Algebra 2 with C or better and Chemistry 1 with C or better; teacher recommendation
Grade level: 11, 12
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. Two semesters. One Credit. Students who enroll in this course are required to take the AP exam in the spring. Advanced placement test fee may be required.

PHYSICS  4801-4802
Prerequisite: Biology 1 with C or better and Algebra 1 with B or better, or C or better in last science class, and concurrent Algebra 2
Grade Level: 10, 11, 12
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. Two semesters. One credit.

ADVANCED PLACEMENT PHYSICS  4803-4804
Prerequisite: Physics with A or B and A or B in Honors Algebra 2 and teacher recommendation
Grade Level: 11, 12
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. Two semesters. One Credit. Students who enroll in this course are required to take the AP exam in the spring. Advanced placement test fee will be required.

SOCIAL STUDIES

PSYCHOLOGY  3700
Grade Level: 11, 12
In this course, students study human behavior and the cognitive processes. Students will learn and apply the social cultural, biological, and cognitive levels of analysis within the discipline and apply them to abnormal psychology. Emphasis will be placed on the importance of the scientific method in relation to modern career fields. One semester. One-half credit.

HONORS PSYCHOLOGY  3712
Grade Level: 11, 12
Prerequisite: 3.0 GPA or higher
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 primary vision of this course is for students to understand the discipline and profession of psychology, to responsibly utilize scientific research in the field, and to investigate the social psychology majors will be prepared for further study in the discipline, while non-majors will gain an understanding applicable to their futures. As a result, students will be able to analyze the complexities of human behavior to in turn enhance their own self-awareness and appreciation.

SOCIOLOGY  3800
Grade Level: 11, 12
In this course, students study the forms, functions and institutions of human groups. Special emphasis will be placed on the studies of identity, personality development, relationships, and how to research and improve relationships between individuals and groups. One semester. One-half credit.

UNITED STATES GOVERNMENT  3350
Grade Level: 12
Students in this required course will study local, state, and federal levels of the American political system. One semester. One-half credit.
In this course, students will study human history from The Renaissance to the present with emphasis placed upon learning to interpret current global situations in the context of historical patterns. Students will compare and contrast cultures and religions by learning and applying the social, political, geographic, and economic tools of the historian. This course will satisfy the World Studies requirement. Two semesters. One credit.

**WORLD HISTORY HONORS**

Grade Level: 9, 10, 11, 12

This course will concentrate on the major civilizations of the world and the contributions each has made to the human condition. 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. Two semesters. One credit.

**AFRICAN AMERICAN HISTORY**

Grade Level: 9, 10, 11, 12

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. One semester. One-half credit.

**TECHNOLOGY EDUCATION**

**INTRODUCTION TO INDUSTRIAL TECHNOLOGY**

Prerequisite: None.

Grade Level: 9, 10

The Introduction to Industrial Technology is an introductory level course designed to instruct students in the basic skills necessary to all occupations in the areas of Construction, Manufacturing & 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.

**RESIDENTIAL CARPENTRY 1**

Prerequisite: Introduction to Industrial Technology

Grade Level: 10, 11, 12

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.

**Lab fee required.** Two semesters. One credit.
RESIDENTIAL CARPENTRY 2  7035-7036
Prerequisite: Residential Carpentry 1(a&b) or Instructor Approval
Grade Level: 11, 12
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. **Lab Fee Required**
Two semesters. One credit.

REMODELING & BUILDING MAINTENANCE  7546
Prerequisite: Residential Carpentry 1 & 2 or Instructor Approval
Grade Level: 11, 12
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.

INTRODUCTION TO ENGINEERING DESIGN (IED)  7041-7042
(Project Lead The Way—PLTW)
Grades: 9,10,11,12
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: IED
Grades: 10, 11, 12
This survey course exposes students to major concepts students will encounter in a post-secondary engineering course of study. Topics include mechanisms, energy, statics, materials, and kinematics. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, document their work and communicate solutions.

Computer Integrated Manufacturing (CIM)  7556-7557
(Project Lead The Way—PLTW)
Prerequisite: POE
Grade Levels: 11, 12
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
(Project Lead The Way—PLTW)
Prerequisite: One course in the PLTW pathway
Grade Levels: 12
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. This course is appropriate for 12th grade students.

JROTC CREDIT
JROTC TRAINING 1-AEROSPACE SCIENCE 1  9241-9242
Grade Level: 9, 10, 11, 12
JROTC Training 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 - A Journey Into Aviation History, is designed to give cadets an overview of the history of flight, the fundamentals of flight and an exposure to space exploration. Cadets who successfully complete this course may be eligible to participate in a summer leadership camp, JROTC 5. Wellness/physical fitness is an official part of the Air Force Junior ROTC program. It is an exercise program focused on establishing individual base lines of fitness and achieving improvements with the goal of reaching a national standard as calculated by age and gender. This class will include exercises and requires a parental release form. Two semesters. One credit.

JROTC TRAINING 2-AEROSPACE SCIENCE 2  9243-9244
Prerequisite: JROTC 1, JROTC 3 or JROTC 4 (May be waived)
Grade Level: 10, 11, 12
JROTC Training 2 - Communication, Awareness, and Leadership, 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 and execution of corps projects. All cadets in this course will be issued the standard Air Force blue uniform at the beginning of the school year and must comply with the dress and appearance requirements in the Cadet Guidebook. **There is a requirement for cadets to wear the uniform once a week.**

In addition, cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies and may participate on drill teams, color guards and other co-curricular activities. **Aerospace Science 2 - Cultural Studies, An Introduction to Global Awareness, introduces cadets to various regions of the world from a geographic, historical and cultural perspective. The class 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. Geopolitical issues such as terrorism, economics, politics, military issues, religion, environmental concerns, human rights, disease, over population, literacy, the migration of peoples and other cultural issues will be examined. Wellness/physical fitness is an official part of the Air Force Junior ROTC program. It is an exercise program focused on improving individual fitness base lines with the goal of achieving a national standard as calculated by age and gender.**
gender. This class will include exercises and requires a parental release form. Two Semesters. One credit.

JROTC TRAINING 3 - AEROSPACE SCIENCE 3 9245-9246
Prerequisite: JROTC 1, JROTC 2 or JROTC 3 (May be waived)
Grade Level: 10, 11, 12
JROTC Training 3 - Life Skills & Career Opportunities, prepares cadets for life after high school in the high-tech, globally oriented, and diverse workplace of the 21st century. Cadets learn how to become a more confident financial planner and to save, invest, and spend money wisely, as well as how to avoid the credit trap. They will learn about real-life issues such as understanding contracts, leases, warrants, legal notices, personal bills, practical and money-saving strategies for grocery shopping, apartment selection, and life with roommates. The Holland Interest Inventory and other self-assessments will help them to reveal their attitudes, aptitudes, and personal skills. This self-understanding allows them to explore career paths and understand requirements that they will need to be successful at work and in life. All cadets in this course will be issued the standard Air Force blue uniform at the beginning of the school year and must comply with the dress and appearance requirements in the Cadet Guidebook. There is a requirement for cadets to wear the uniform once a week. In addition, cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies and may participate on drill teams, color guards and other co-curricular activities. Aerospace Science 3 - A Gateway to New Horizons, is a class on the science of flight. This class acquaints the student with the aerospace environment, the human requirements of flight, principles of aircraft flight, and principles of navigation. The course includes a discussion of the atmosphere and weather and how that environment affects flight. The discussion of flight includes the forces of lift, drag, thrust, and weight. Cadets also learn basic navigation including map reading, course plotting, and the effects of wind. Also included is a description of the human requirements of flight, a survey course on human physiology: the human circulatory system, the effects of acceleration and deceleration, and protective equipment. Wellness/physical fitness is an official part of the Air Force Junior ROTC program. It is an exercise program focused on improving individual fitness base lines with the goal of achieving a national standard as calculated by age and gender. This class includes exercises and requires a parental release form. Two Semesters. One credit.

JROTC TRAINING 4 - AEROSPACE SCIENCE 4 9247-9248
Prerequisite: JROTC 1, JROTC 2 or JROTC 4 (May be waived)
Grade Level: 10, 11, 12
JROTC Training 4 - Principles of Management, teaches cadets about the theories and principles of management in the work force. The cadets will practice the principles, objectives, and techniques of leadership/management. Emphasis is on problem analysis and decision-making, delegation and control, planning and organizing, and interpersonal skills required for effective management. Cadets will experience the functions of leadership and the special problems of leadership. The course prepares cadets for responsible leadership roles while making them aware of their rights, responsibilities and privileges as American citizens. All cadets in this course will be issued the standard Air Force blue uniform at the beginning of the school year and must comply with the dress and appearance requirements in the Cadet Guidebook. There is a requirement for cadets to wear the uniform once a week. In addition, cadets are provided fundamental and in-depth instruction in Air Force drill and ceremonies and may participate on drill teams, color guards and other co-curricular activities. Aerospace Science 4 - Exploring Space: The High Frontier, begins with the study of the solar system and progresses through the international space exploration efforts, space technology, and manned space flight. Wellness/physical fitness is an official part of the Air Force Junior ROTC program. It is an exercise program focused on improving individual fitness base lines with the goal of achieving a national standard as calculated by age and gender. This class includes exercises and requires a parental release form. Two Semesters. One credit.

JROTC TRAINING 5-LEADERSHIP CAMP (SUMMER) 9249
Prerequisite: JROTC 1, JROTC 2, JROTC 3 or JROTC 4
Grade Level: 9, 10, 11
A minimum 80 hour course with emphasis on teamwork and leadership techniques and application, conducted at various military installations. JROTC 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. Summer. One-half credit.

COUNCIL AND OTHER COURSES

TEACHER ASSISTANT 9181-9182
Prerequisite: Application and approval.
Grade Level: 9, 10, 11, 12
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 credits 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: 9, 10, 11, 12
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 credits of Teacher Assistant and/or Office Assistant may count toward the 23 credits required for graduation.

STUDENT COACHING
Prerequisite: Application and approval.
Grade Level: 9, 10, 11, 12
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:
* Increases the number of students who are learning and successful in school.
* Build connections for students with other students and to school. Students 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. Two Semesters. One 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.
AP Enrollment
AP (Advanced Placement Courses)
Recommendation is necessary to enroll in an AP course. Once enrolled in an AP course you may not be able to drop the course. A fee will be charged for enrollment in this course.

Senior Enrollment
There are some special things you should be aware of as you begin enrollment for your Senior year. One, many of you may not need very many classes (perhaps just English 4 and Government). Two, some of you may realize that there is a lot of work to do in the Learning Center if you hope to make it in time. Either way, the intention of this sheet is to help you with your Senior enrollment.

English 4
-Choose one of the following options:
1) English 4 1561-1562
2) Honors English 4 1153-1154
3) Advanced Placement Literature 1201-1202
5) English 4 (Special Education ONLY) 1245-1246

***gifted students should enter “Gifted English 4” with no course number

Government
-Choose one of the following options (even if you are going to take it in summer school—if you pass it in summer school, THEN you can replace the class)
1) Government 3350 (1 semester)
2) Honors Government 3359 (1 semester)
3) Special Education Government 3355(1 semester)

Other Senior Opportunities

Graduating at Semester
-Must take Honors English 4 (1153) and English 4 (1561) during first semester (or do dual enrollment with a college class).
-Must have taken an ACT test.
-Must have met proficiency in both KS reading and math assessments.
-Pick up an application (during junior enrollment).

Teacher Assistant/Office Assistant
-Pick up permission form
-All count for credit and GPA, BUT of your 23 credits required for graduation, at least 22 must come from something other than teacher/office assistant.

College Classes (Honors Study Hall)
If you take at least 3 hours of college credit you may receive up to 2 hours per day off at East High AFTER you have provided us with:
1) copy of college course schedule
2) copy of fees bill that shows it has been paid
UNTIL THEN—simply sign up for “Honors Study Hall/College Class.” NO COURSE NUMBER IS NEEDED.
***After the course begins you will need to return to East High an attendance log signed by the professor/instructor for EACH day of attendance. This is mandatory if you wish to have a shortened day.

1st Semester Pass Card
We do not offer 1st Semester Pass Cards.

2nd Semester Pass Card
Write in “Pass Card” in the hour(s) you would like to have it—no permission form needed. NO COURSE # IS NEEDED. Maximum 3 pass cards.

NOTE: If a student is not enrolled in at least 5 classes 2nd semester, then he/she is not eligible KSHSAA (Kansas State High School Activities Association) activities including, but not limited to:
*2nd Semester Winter Sports
*Spring Sports
*Forensics
*Music
*Debate and Speech
*Scholars Bowl
* Royalty at Homecoming and Prom

Concurrent Credit: An opportunity to receive both High School & College credit for the same class. All classes are taught at the East High Campus and taught by East High instructors.

Students must have a cumulative GPA of 3.0. Yearlong classes, it is recommended, a first semester minimum grade of a “B” in the class.

The following are yearlong classes offered for Concurrent Credit: AP Language, AP Literature, AP Chemistry, Honors Chemistry, AP Art History, Anatomy & Physiology.

The following are semester classes offered for Concurrent Credit: Speech, Government, Pre-Calculus, Psychology, Financial Literacy.
There are certain classes where you need to fill out forms or applications. Please ask for a form for any of the following:

Proctor Slips
Early Graduation
Student Coach
Pass Cards
Dual Credit (see Mr. Gerstner AFTER April 1)

***note—if you are in Youth Court or Construction Careers—you filled out a form last year and you may take for another year. However, you may not begin those programs as a Senior.

Academic Competitiveness Grant
Most of the money available by filling out the FAFSA has nothing to do with course selection or grades. However—the Academic Competitiveness Grant does. The eligibility requirements include, among other things, being a Federal Pell Grant recipient and one of the following:

1. Designated State of Kansas Scholar
2. 2 AP Classes/tests with scores of 3 or better or 2 IB Classes/tests with scores of 4 or better
3. Complete the following:
   - 4 years of English
   - 3 years of Math (Algebra 1 and above)
   - 3 years of Science (including at least 2 courses from Biology, Chemistry, or Physics)
   - 3 years of Social Studies
   - 1 year of Foreign Language
   - ***NOTE—this is slightly different from both the Qualified Admissions Curriculum and the Kansas Scholars Curriculum

Junior Enrollment
Juniors must enroll in the 4 core areas:

**English**
- English 3 1231-1232
- Honors English 3 1233-1234
- AP Language and Composition 1161-1162

**Math**
- Geometry—Tier 1 2421-2422
- Geometry—Tier 2 2419-2420
- Intermediate Algebra 2143-2144
- Algebra 2 2121-2122
- Pre-calc/Trig. 2151-2152
(see math section for other options)

**Social Studies**
- US History 2 3641-3642
- US Honors History 2 3643-3644
- AP History 2 3647-3648

***3 credits of Social Studies required

**Science**
- See science section for science choices

***3 credits of Science required

Sophomore Enrollment

**English 2**
- Choose one of the following options:
- English 2 1221-1222
- Honors English 2 1223-1224

All failed English classes must be made-up in either the Learning Center or Summer School.

**Math**
- Based on 9th grade performance choose one of the following options:
  - Algebra I 2111-2112
  - Geometry—Tier 1 2421-2422
  - Geometry—Tier 2 2419-2420

**Social Studies**
- Choose one of the following options:
  - US History I 3361-3362
  - Honors US History I 3363-3364

**Science**
- Based on 9th grade performance choose one of the following options:
  - Earth Science 4351-4352
  - Physical Science 4811-4812
  - Physics 4801-4802
  - Honors Physics 4783-4784

**Fine Arts**
- One Fine Arts Credit must be completed by the end of senior year.

**Additional Requirements (for all grade levels)**
- .5 Financial Literacy
- .5 Career and Technical Education