Wichita High School East
Program of Studies 2019-2020

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 class

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

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

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

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

Date: February 2018
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**

<table>
<thead>
<tr>
<th>Classes</th>
<th>Division 1</th>
<th>Division 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>English core</td>
<td>4 years</td>
<td>3 years</td>
</tr>
<tr>
<td>Mathematics core (Algebra 1 or higher)</td>
<td>3 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Science core</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>Social Science core</td>
<td>2 years</td>
<td>2 years</td>
</tr>
<tr>
<td>From Engl., Math or Science core</td>
<td>1 year</td>
<td>3 years</td>
</tr>
<tr>
<td>Additional core (English, Math, Science, Social Science, Foreign Language, Philosophy or Nondoctrinal Religion)</td>
<td>4 years</td>
<td>4 years</td>
</tr>
</tbody>
</table>

#### Full Qualifier for Division I

- **Complete 16 core courses**
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Seven of the 10 core courses must be in English, math or natural/physical science.
  - Earn a core-course GPA of at least 2.300.
  - Earn the ACT/SAT score matching your core-course GPA on the Division I sliding scale.
  - Graduate high school.

#### Full Qualifier for Division II

- **Complete 16 core courses**
  - Ten of the 16 core courses must be completed before the seventh semester (senior year) of high school.
  - Earn a core-course GPA of at least 2.200.
  - Earn the ACT/SAT score matching your core-course GPA on the Division II full qualifier sliding scale.
  - Graduate high school.

### NAIA ELIGIBILITY REQUIREMENTS

To be eligible to play NAIA the students must register with the Eligibility Center: [https://www.playnaia.org](https://www.playnaia.org)

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>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>1111-1112</td>
<td>Dramatics 1</td>
<td>8506-8507</td>
<td>Band 3</td>
</tr>
<tr>
<td>1121-1122</td>
<td>Dramatics 2</td>
<td>8511-8512</td>
<td>Band 2</td>
</tr>
<tr>
<td>1145-1146</td>
<td>Repertory Theatre</td>
<td>8549-8550</td>
<td>Concert Choir</td>
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<tr>
<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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<tr>
<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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<tr>
<td>1813-1814</td>
<td>Film Studies 1</td>
<td>8507-8508</td>
<td>Jazz Band</td>
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<tr>
<td>5715</td>
<td>Photo Imaging</td>
<td>8515-8516</td>
<td>Music Appreciation</td>
</tr>
<tr>
<td>5727-5728</td>
<td>Project Management for Communications</td>
<td>8521-8522</td>
<td>Orchestra 3</td>
</tr>
<tr>
<td>5749-5752</td>
<td>Essentials of Interior and Textile Design</td>
<td>8531-8532</td>
<td>Orchestra 2</td>
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<tr>
<td>5769</td>
<td>Introduction to Drawing</td>
<td>8541-8542</td>
<td>Orchestra 1</td>
</tr>
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<td>5778</td>
<td>Principles of Illustration</td>
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<td>5781-5782</td>
<td>Graphic Design</td>
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<td>6743</td>
<td>Web Page Design</td>
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<td>8007-8008</td>
<td>AP Art History</td>
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<td>8055-8056</td>
<td>AP Studio Art</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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<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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<tr>
<td>8311</td>
<td>Pottery 1</td>
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<td>8321-8322</td>
<td>Pottery and Sculpture 2</td>
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<td>8323-8324</td>
<td>Pottery and Sculpture 3</td>
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<tr>
<td>8381-8382</td>
<td>Special Art Production</td>
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</tbody>
</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.

5700 Interactive Media
5711 21st Century Journalism
5712 Fundamentals of Graphic Design
5713 Digital Media Technology
5714 Media & Public Relations
5715 Photo Imaging
5725 Digital Video Production
5726 Digital Video Production
5727 Project Management for Communications
5728 Project Management for Communications
5735 Computer Essentials
5740 Programming 1
5741 Computer Graphics
5742 Computer Graphics
5744 Audio/Video Production Fundamentals
5745 Digital Media Design & Production
5746 Digital Media Design & Production
5747 Computer Programming
5748 Computer Programming
5752 Essentials of Interior & Textile Design
5755 Project Management for Graphic Design
5756 Project Management for Graphic Design
5757 Interior & Textile Independent Study
5758 Interior & Textile Independent Study
5759 Interior & Textile Merchandising
5767 IT Hardware Basics
5768 IT Hardware Basics
5769 Introduction to Drawing
5775 Game Design
5776 Game Design
5778 Principles of Illustration
5781 Graphic Design
5782 Graphic Design
5793 Animation
6013 Accounting
6014 Accounting
6015 Advanced Accounting
6016 Advanced Accounting
6017 Business Law
6521 Investing
6614 Marketing
6615 Marketing Management
6616 Marketing Management
6658 Commercial Construction 1A
6659 Commercial Construction 1B
6656 Commercial Construction 2A
6657 Commercial Construction 2B
6705 Business Communication
6706 Business Management
6720 Business Essentials
6727 Culinary Arts 1
6728 Culinary Arts 1
6729 Baking & Pastry 1
6730 Baking & Pastry 2
6732 Culinary Essentials
6743 Web Page Design
6755 Intro to Computer Science
6756 Intro to Computer Science
6753 Computer Science Principles
6754 Computer Science Principles
6801 Sports & Entertainment Marketing
6888 Youth Entrepreneurs of KS
6889 Youth Entrepreneurs of KS
7033 Residential Carpentry 1A
7034 Residential Carpentry 1B
7035 Residential Carpentry 2A
7036 Residential Carpentry 2B
7546 Remodeling & Building Maintenance
7041 Introduction To Engineering Design
7042 Introduction To Engineering Design
7066 Research & Design for Pre-Construction 1
7067 Research & Design for Pre-Construction 2
7085 Architecture Design 1
7086 Architecture Design 2
7470 Introduction to Industrial Technology
7600 Parenting & Child Development
7601 Teaching As A Career
7602 Teaching As A Career
7603 Teaching Internship
7604 Teaching Internship
7605 Career and Life Planning
7606 Child Development Center Lab Experience
7607 Child Development Center Lab Experience
7619 Introduction to Human Services
7820 Family Studies
7823 Nutrition and Wellness
7675 Intro to Family & Consumer Sciences
7900 World of Children
8131 Creative Photography 1
8132 Creative Photography 1
8134 Creative Photography 2
8135 Creative Photography 2
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).
<table>
<thead>
<tr>
<th>Course #</th>
<th>Course Name</th>
<th>Grade</th>
<th>Prerequisite/Description</th>
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<td>1121-1122</td>
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<td>Dramatics 1</td>
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<td>Repertory Theatre</td>
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<td>Drama 1</td>
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<td>1813-1814</td>
<td>Film Studies 1</td>
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<td>Intro to Art, Drama, Teacher Approval</td>
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<td>1815-1816</td>
<td>Film Studies 2</td>
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<td>Film Studies 3</td>
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<td>1211-1212</td>
<td>English 1</td>
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<td>1213-1214</td>
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<td>1161-1162</td>
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<td>5711-5712</td>
<td>21st Century Journalism &amp; Graphic Design Fund.</td>
<td>9-11</td>
<td>1st year students/A-B in English</td>
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<td>5713-5713</td>
<td>Digital Media Tech/Media &amp; Public Relations</td>
<td>10-12</td>
<td>Newspaper 2</td>
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<td>5722-5728</td>
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<td>Newspaper 3 &amp; 4</td>
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<td>Algebra 2</td>
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<td>Alg 1 A/B Geometry A/B/C</td>
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<td>11-12</td>
<td>Pre Calculus/Trig</td>
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<td>3861-3862</td>
<td>US History 1</td>
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<td>3863-3864</td>
<td>Honors US History 1</td>
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<td>3845-3845</td>
<td>World History</td>
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<td>4248-4249</td>
<td>AP Biology</td>
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<td>4811-4812</td>
<td>Physical Science</td>
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<td>4281-4822</td>
<td>Anatomy &amp; Physiology</td>
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<td>Bio C, C last Sci Class &amp; Teacher Rec</td>
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<td>9-12</td>
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<td>19</td>
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<tr>
<td>8640</td>
<td>Music Appreciation</td>
<td>9-12</td>
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<td>23</td>
</tr>
<tr>
<td>9203/04</td>
<td>Aerobics</td>
<td>10-12</td>
<td>may take for 1 or 2 sem.</td>
<td>23</td>
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<tr>
<td>9207/08</td>
<td>Lifetime Sports</td>
<td>10-12</td>
<td>may take for 1 or 2 sem.</td>
<td>23</td>
</tr>
<tr>
<td>9213/14</td>
<td>Weight Training</td>
<td>10-12</td>
<td>may take for 1 or 2 sem.</td>
<td>23</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.

Photo Imaging 5715
Grade Level: 9, 10, 11, 12
Photo Imaging teaches the technical skills needed to produce quality images for use in a variety of applications. Topics include use of equipment, software and techniques to take, edit and manipulate digital images. Students will also explore basic techniques of photography including exposure, composition and camera use. One semester. One-half credit.

CREATIVE PHOTOGRAPHY 2 8134-8135
Prerequisite: Photo Imaging or teacher approval
Grade Level: 11, 12
Students will extend work begun in Creative Photography 1 to include the study and application of advanced techniques. Two semesters. One credit. Project fee required, access to 35mm manual camera

CREATIVE PHOTOGRAPHY 3 8129-8130
Prerequisite: C or higher in Creative Photo 2
Grade Level: 11, 12
Students will extend work begun in Creative Photography 2 to include the study and application of advanced techniques.

SPECIAL ART PRODUCTION—Drawing & Painting 8381-8382
SPECIAL ART PRODUCTION—Photography 8381-8382
35mm camera, Project fee required
SPECIAL ART PRODUCTION—Pottery & Sculpture 8381-8382
Prerequisite: Teacher approval (for all 3 versions of Special Art Production)
Grade Level: 11, 12
Special Art Production courses are long term advanced art studies and/or production in art. This course is designed for advanced students who are self-motivated and able to work independently with minimal instruction or assistance. This course requires teacher approval and must meet certain departmental guidelines. Two semesters. (This course may be repeated for credit.) One credit. Project fee 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. Project fee required.

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.

BUSINESS

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. Be prepared to take accounting in college, 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 – Promotions 5741
Grade Level: 9, 10, 11, 12
Software: Adobe Photoshop and Adobe Illustrator
In Computer Graphics, students will use both Photoshop and Illustrator from the Adobe Creative Cloud software package. A variety of projects will be created including, but not limited to, flyers, posters, invitations, TV ad and other real-world applications. Students will also learn how to do some basic retouching of images or digital pictures. A Project Fee is required. One Semester. One-half credit.

COMPUTER GRAPHICS - Publishing 5742
Grade Level: 9, 10, 11, 12
Software: Adobe InDesign
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.

AUDIO/VIDEO PRODUCTION FUNDAMENTALS 5744
Grade Level: 9, 10, 11, 12
Software: Adobe Premiere and Adobe Audition
Students will learn how to write for and plan a video, how to film a video (behind the camera and in front), as well as how to edit raw footage into a finished video production. Students use a variety of equipment and software to assist in creating videos. At the end of the course, students will get to take home a DVD of their projects which include: a Silent Film, Movie Trailer, and a Commercial. This class involves a lot of independent and group work. A Project Fee is required. One Semester. One-half credit.

DIGITAL VIDEO PRODUCTION 5725-5726
Prerequisite: Audio/Video Production Fund. or Teacher Approval
Grade Level: 10, 11, 12
Software: Adobe Photoshop, Premiere, Audition, and After-Effects
Digital Video Production students are in charge of running and creating content for various media outlets throughout the building, including: the hallway TVs and EHS Today. Students are responsible for attending various outside of school events throughout the year to get footage to be used in class. Students in this class will also be involved in statewide competitions. This class requires the student be enrolled all year and attendance is very important. A Project Fee is required. Two semesters. One credit.

DIGITAL MEDIA DESIGN AND PRODUCTION 5745-5746
Prerequisite: Digital Video Production and Teacher Approval
Grade Level: 11, 12
Software: Adobe Photoshop, Premiere, Audition, and After-Effects
Digital Media Design & Production is an application level course in the A/V strand of the A/V Communications pathway. It is designed to provide students with the opportunity to apply the fundamental techniques learned in the Digital Video Production and Audio/Video Production Fundamentals courses through the production of a multi-media project for public presentation. Topics include developing a production schedule, working as a team, utilizing composition principles, and embedding audio, video or other content in digital formats. Students will also assist in creating content for EHS Today and the hallway TVs. A Project Fee is required. Two semesters. One credit.

WEB PAGE DESIGN 6743
Grade Level: 10, 11, 12
Prerequisite: Computer Essentials or Computer Graphics recommended
Software: HTML/Notepad and Adobe Dreamweaver
Web Page Design will allow students to create web pages using a variety of software programs. Students learn how to create web pages using HTML code, and with Adobe Dreamweaver. This class will create two complete websites, one in HTML and one in Dreamweaver. Attendance is very important in this class since all work must be done at school. This course may be taken for Fine Arts Credit. Project Fee is required. One semester. One-half credit.

PRINCIPLES OF MARKETING 6611-6612
Grade Level: 10, 11, 12
Students engage in hands on, real world projects to explore the world of marketing. Topics include selling, product development, distribution, promotion, pricing, market research, and market planning. Students will have the opportunity to develop a new products, conduct market research, engage in an online virtual business simulation, develop a promotional plan for a business, and design effective merchandising strategies for our school stores. A Project Fee is required. Two semesters. One credit.

MARKETING APPLICATIONS – School Store Operations 6629-6630
Grade Level: 11, 12
Prerequisite: Any Marketing Course 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
Students will study the latest digital marketing trends, e-commerce strategy, search engine optimization, email marketing, social media strategy, online branding, and mobile marketing. Students will participate in an online simulation posting content on popular social platforms including Facebook, Twitter, and Instagram and then evaluate the success of their posts by looking at various analytics. A Project Fee is required. 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. 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. 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. A 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 responsibility. Lots of case studies and practical application is incorporated into the course. A Project Fee is required. 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. A Project Fee is required. One semester. One-half credit.

PEER LEADERSHIP SKILLS/YOUTH COURT  9115-9116
Prerequisite: Business or Practical Law and Teacher Approval
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, 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
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
Grade Level: 9, 10, 11, 12
This first course in the PLTW computer science pathway introduces students to coding fundamentals through an approachable, block-based programming language where they will have early success in creating usable apps. As students sharpen their computational thinking skills, they will transition to programming environments that reinforce coding fundamentals by displaying block programming and text based programming side-by-side. Finally, students will learn the power of text-based programming as they are introduced to the Python® programming language. A Project Fee is required. Two semesters. One credit.

Computer Science Principles  6753f-6754f
Prerequisite: Intro to Computer Science or Principles of Engineering and Introduction to Engineering Design, 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
Prerequisite: Computer Science Principles
Grade Level: 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 the their community. This course is aligned to the AP CSA framework. A Project Fee is required. Two semesters. One credit.

Cyber Security  6761F/6752F
Prerequisite: Computer Science Principles
Grade Level: 11, 12
Nationally, computational resources are vulnerable and frequently attacked; in Cybersecurity, students solve problems by understanding and closing these vulnerabilities. This course raises students’ knowledge of and commitment to ethical computing behavior. It also aims to develop students’ skills as consumers, friends, citizens, and employees who can effectively contribute to communities with a dependable cyber-infrastructure that moves and processes information safely. A Project Fee is required. Two semesters. One credit.

FINANCIAL LITERACY  7610f
Grade Level: 12
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 literary analysis, persuasion, timed in-class writing, and conduct research; will read both fiction and nonfiction from different periods and cultures; and will refine speaking and listening skills through oral presentations. 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 skills in composition for their use in writing for different purposes and audiences. The emphasis of composition is on application of critical thinking and writing skills. The study of literature continues the emphasis
debate 1

Prerequisite: Debate 1, 2

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 be required.

CREATIVE WRITING 1

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

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 literary magazine. One semester. One-half credit.

DEBATE 1

Prerequisite: 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.

FORENSICS 1

Prerequisite: Forensics 1, 2, and Teacher Approval

Grade Level: 11, 12

(Second Semester Only, Zero Hour)

This course continues to emphasize advanced 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

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, 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 4

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, 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.
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**
- **Technical Level**
- **No pre-requisites**

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

**PARENTING/CHILD DEVELOPMENT** 7600

- **Grade Level:** 10, 11, 12
- **Technical Level**
- **No pre-requisite**

The baby class! Students will study human growth and development examining the physical, intellectual, social and emotional aspects of development from conception to age three. Emphasis is on awareness of the special responsibilities of parenting and the discipline required of child rearing. Situations in which students learn to observe, record, compare, research, and discuss behavior of children in this age group will be used as a means toward understanding. One semester. One-half credit.

**WORLD OF CHILDREN** 7900

- **Grade Level:** 9, 10, 11, 12
- **Technical Level**
- **No pre-requisite**

Students in this course will learn about the physical, intellectual, emotional, and social development of children from age four 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 abuse, 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 planning lessons in art, storytelling, music, nutrition, and play. During the course, students will complete child care licensing requirements. Students must be concurrently enrolled in Early Childhood Laboratory (course number 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**

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

Sewing class 2! Students will build upon their sewing construction skills learned in Apparel Production 1. They will explore design and development of skills for producing textile products and apparel. A lab fee is charged for this class. One semester. One-half credit.

**HOUSING 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. This class can be taken for concurrent credit.

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

CULINARY ESSENTIALS 6732
Grade Level: 9, 10, 11, 12
Technical Level
No pre-requisites
Learn to cook! This is a beginning food preparation course. It will provide students with introductory knowledge and skills related to commercial 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 7991-7992
Grade Level: 11, 12
Technical Level
No pre-requisites
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) other baked desserts, product outcomes using various ingredients 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. Science or elective 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 peers. Units will include understanding stress, elements in a changing self, and examining personal decisions in areas such as drug use, AIDS/STD’s, human sexuality, family life, crises, and community and personal resources. One semester. One-half credit.

NUTRITION AND WELLNESS 7823
Grade Level: 10, 11, 12
Technical Level
No pre-requisite
The science of nutrition, not food preparation. This course is designed for any student who is concerned with healthy eating, weight management, fitness, and wellness issues related to the individual, family and/or clients. Students will learn about healthy eating and fitness habits and learn how to plan and select nutritious foods for a healthy diet. The information presented will aid students in making informed choices and behavior changes for a healthier lifestyle. Students interested in human services careers will begin a foundation of nutrition knowledge for working with clients. This is not a food preparation (cooking) class. One semester. One-half credit.

COMMUNITY CONNECTIONS 7633
Grade Level: 11, 12
Application Level
Prerequisite: Successful completion (grade of C or above) of one full credit in the Family and Community Services Pathway (Parenting/Child Development, World of Children, Family Studies, Nutrition & Wellness, Intro to FACS, Culinary Essentials) and teacher approval.
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

Foreign Language 5691
Grade Level 9, 10, 11, 12
The language of instruction for this course is English. This course is designed with the purpose of introducing students to the idea of culture and its manifestations in Francophone and Spanish-speaking countries primarily. However, the manifestations of culture worldwide are examined as well. Topics covered include: holidays, music, food, sports, famous people, economies, and governments. Students also complete projects based on Francophone and Spanish-speaking countries as well as creating their ideal culture based on the 7 elements of culture. One semester. One-half credit.

FRENCH 1 5101-5102
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 5111-5112
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 5121-5122
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 5131-5132
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 5161-5162
Prerequisite: French 4
Grade Level: 12
French will be used as 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 French-speaking countries. Workbook fees applicable. Two semesters. One credit.

SPANISH FOR NATIVES 1 5485-5486
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 5487-5488
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 5411-5412
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 5421-5422
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  5431-5432
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.

Foreign Language  5691
Grade Level: 9, 10, 11, 12
The language of instruction for this course is English. This course is designed to introduce students to various cultures and how people are affected by them. Focus will be primarily on French and Spanish speaking cultures from various countries, with some attention to worldwide culture. Classroom instruction will include topics focusing on special events, music, holidays, foods, sports, famous people, family, economies, and governments. Students will also participate in cultural projects and do presentations. The class is one semester. One-half credit

This course provides students with the opportunity to apply the fundamental techniques learned in 21st Century Journalism and Graphic Arts Fundamentals courses through the production of 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***

ALGEBRA 1 (TIER 1)  2111-2112
Prerequisite: 1 unit of Math 8/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, graphing, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

ALGEBRA 1 (TIER 2)  2111-2112
Prerequisite: 1 unit of Math 8/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 graphing, working with formulas, and solving linear and quadratic equations. Two semesters. One credit.

Students will also be concurrently enrolled in math lab for elective credit.

GEOMETRY (TIER 1) 2421-2422
Prerequisite: 1 unit of Algebra 1 with grade of A or B
Grade Level: 9, 10
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. 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. 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 (Instructor consent with grade of C)
(Students intending to go on to PreCalculus should enroll in this course.)
Grade Level: 9-11
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 1 with a grade of C or D and 1 unit of Geometry with a grade of C or D
Grade Level: 10-12

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.

ALEGRA 3 2021-2022
Prerequisite: 1 unit of Algebra 2, or 1 unit of Honors Algebra 2 with grade D, or 1 unit of PreCalculus with grade of D
Grade Level: 11-12
In this course, students will solidify concepts from Algebra 2, while focusing on preparation for College Algebra. Two semesters. One credit.

PRECALCULUS/TRIGONOMETRY 2151-2152
Prerequisite: Honors Algebra 2 with grade of A, B, or C
(Repeating this course for no credit is strongly recommended if you make a C or below and intend to go on to Calculus).
Grade Level: 10, 11, 12
In this course, students will extend the concepts of Algebra 2 to include theories of functions, exponential and logarithmic functions, systems of equations, matrices, trigonometric equations, and trigonometric applications. Two semesters. One credit.

AP 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; consequently, this course is reading & writing intensive. It is recommended that students taking this course have strong English skills. Mathematics skills will be reinforced and tools of technology will be used in analysis of data, probability, simulation, and statistical inference. 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.

AP 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.

PERFORMING ARTS

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: 9, 10, 11, 12
8506 is a prerequisite for 8507 annually. This course is for experienced instrumentalists. Placement is by audition, and at the discretion of the director. Criteria for entrance will include prior instrumental experience, ability, aptitude, interest, and desire. Students will study advanced band literature, individual and ensemble skills, music fundamentals, history and theory. A standard instrumental text will be utilized as well as listening assignments and readings. Performing experiences will include concerts, marching, festivals, and can include solos and ensembles. Most of these performances are mandatory. Some activities may take place on Saturday. Students will provide some items of clothing for performances and will be provided some items at some cost to the student. (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.

**DRAMATICS 1** 1111-1112
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** 1121-1122
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.

**Reperatory Theatre** 1145-1146
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** 1813-1814
**FILM STUDIES 2** 1815-1816
**FILM STUDIES 3** 1817-1818
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.

**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.no content after Grade Level: 9, 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.**

**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 at the discretion of the director only. Students will study advanced string literature, individual and ensemble skills, historical and compositional information and theory. Performing experiences will include concerts, festivals, solos and ensembles. Most of these performances are mandatory. Some items of clothing for performances will be provided by the student.
Some Monday evening rehearsals are required. (This course may be repeated for credit.) Two semesters. One credit.

**JAZZ BAND**  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**

**PHYSICAL EDUCATION & HEALTH FOUNDATIONS**  8748-8749
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: Aerobics, Badminton, Frisbee, Golf, Handball, Softball, Volleyball, Weight Training, Football, Alleyball, Swatball Soccer and basketball. (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 weight training techniques and the ability to locate and identify major and secondary muscle groups. Students will obtain an understanding of different training strategies/techniques and be able to set up an individualized training program. Students will use spotting techniques and other safety procedures used in the weight room. (This course 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 the properties of living relating to energy flow through ecosystems, populations and habitats, cell biology, heredity, and natural selection. The following concepts will be emphasized throughout the year: structure and function, energy and matter, cause and effect, systems and system models, scale and proportion, stability and change, and patterns.

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

Two semesters. One Credit.

ADVANCED PLACEMENT BIOLOGY  4248-4249
Prerequisite: Honors Biology with A or B or Biology 1 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. 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.

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 including related topics such as health, and disease prevention. This is a rigorous class for the serious student. Students are expected to participate in dissections and should have good study and/or memorization skills. Available for concurrent credit.

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 and Honors Biology with an A, B or C and Algebra 1 with a C or D, or Algebra 1 Tier with A or 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 - One 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 Geometry with a B or C, 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, B or C and Geometry or Honors Algebra 2 with an A or B.
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: Chemistry with an A or B, or Honors Chemistry with a C or better and Honors Algebra 2 or higher.
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. Students who enroll in this course are required to take the AP exam in the spring or enroll in concurrent credit with Newman University.
Advanced placement test fee may be required.
Two semesters. One credit.

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.

HONORS PHYSICS 4783-4784
Prerequisite: Biology 1 or Honors Biology with A or B and Algebra 1 with A or B or Geometry with A or B or Algebra 2 with A or B
Grade level: 10, 11, 12
This course is designed for students who will thrive in a more rigorous presentation of Physics. Students who enroll should be self-motivated, task-oriented, and persistent. Students will be expected to perform in the laboratory with a high level of accuracy. Students learn to identify physical laws and their actions. Included will be studies of motion, forces, and energy. Topics including heat, light, sound, electricity and nuclear physics will also be examined. Recommended for college-bound students.
Two semesters. One credit.

ADVANCED PLACEMENT PHYSICS 4803-4804
Prerequisite: Physics with A or B, Chemistry 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. Students who enroll in this course are required to take the AP exam in the spring.
Advanced placement test fee will be required.
Two semesters. One credit.

SOCIAL STUDIES

PSYCHOLOGY 3700
Grade Level: 11, 12
Find out why people act and think the way they do! This course investigates multiple, scientific influences on human behavior and cognition. In this course, Students will get a broad overview of theories and methods that make psychology a reputable behavioral science. Content covered in the course includes the brain, memory, emotions, learning, social pressure, the unconscious and much more. Emphasis will be placed on the importance of the scientific method in relation to modern career fields. One semester. One-half credit.

HONORS PSYCHOLOGY 3705
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.
Find out why people act and think the way they do! Honors psychology offers students the experience to learn psychological concepts, understand the discipline and profession of psychology with an emphasis on cultural applications, research methodology as well as implementation of APA formatting. Future psychology majors will be prepared for further study in the discipline, while non-majors will gain an understanding applicable to their future. As a result, students will be able to analyze the complexities of human behavior to in turn enhance their own self-awareness and appreciation. Content covered in the course includes the brain, memory, emotions, learning, social pressure, the unconscious and much more. Activities are designed to be applied and focused on real life. This course is meant to influence a student's life beyond the school environment. One semester. One-half credit.

SOCIOLOGY 3800
Grade Level: 11, 12
Sociology emerged from the hunch that there are forces at work beyond our control (and often beyond our awareness) that influence how we think, feel, and act. In this course will focus on the structure, dynamics, functions and institutions of human groups and human behavior. Special emphasis will be placed on the studies of identity, personality development, relationships, and how to research and improve relationships between individuals and groups. Students will get a broad overview of the theories and methods used in sociology and how they are applied across a wide range of phenomena. One semester. One-half credit.

UNITED STATES GOVERNMENT 3350
Grade Level: 12
Students in this required course will study local, state, and federal/national levels of the American political system and how those levels and systems are designed to work. One semester. One-half credit.
HONORS UNITED STATES GOVERNMENT  3359
Grade Level: 12
One Semester
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 duel enrollment, estimated at this time to be $200.
The content of this semester course will be the same as United States Government, but with an expanded range of resources, expectations and outcomes that will present a more challenging curriculum for students who choose to enroll in this class. Students will be introduced to our political culture through an examination of our institutions, processes, and public places. One Semester. One-half credit.

US HISTORY 1  3361-3362
Grade Level: 10
This required course covers American history from the period of American History starting and Reconstruction through the Great Depression. Emphasis will be placed upon the major issues of the late Nineteenth and early Twentieth Centuries including the Progressive Era, World War I, the Roaring Twenties, the Great Depression, and the New Deal. First semester will contain a U.S. Government unit. Two semesters. One credit.

US HISTORY 1 HONORS  3363-3364
Grade Level: 10
This course is designed to move faster and in more depth than the regular United States History 1 class. The course will focus on the events of American history from Reconstruction through the Great Depression. The course will include a major writing assignment, additional readings on special topics, and assessments of various historical interpretations. The course goes beyond the scope of the objectives of the regular United States history course to include in-depth study of selected American issues. Two semesters. One credit.

UNITED STATES HISTORY 2  3641-3642
Grade Level: 11, 12
This required course is a continuation of United States History 1. The scope of study in this course begins with events after 1945 and ends with the present. Major areas of study include the Cold War, Civil Rights, the Vietnam War, the return to Conservatism, modern Foreign Policy and Terrorism, to the present. Two semesters. One credit.

UNITED STATES HISTORY 2  3643-3644
Grade Level: 11, 12
This course is designed for the student who wishes to go deeper into the time period between the start of World War II and the present. Major areas of study include the Cold War, Civil Rights, the Vietnam War, the return to Conservatism, and modern Foreign Policy and Terrorism. Students who enroll in this course will be required to examine modern day history much like a historian would. Students will learn to question and analyze historical events through guided discussions and the use of primary source documents and materials. Two semesters. One credit.

AP US HISTORY 2  3647-3648
Grade Level: 11, 12
The focus of this Advanced Placement United States History course provides specific, directed preparation for the AP U.S. History exam. Requirements and assignments are expanded beyond the Honors United States History course. The content of the course and examinations will follow the guidelines of the College Entrance Examination Board and the Advanced Placement United States History program. The expectation is that students will take the AP exam as a course outcome. The score earned on an Advanced Placement exam will have no bearing on the grade earned in an Advanced Placement class. Two semesters. One credit.

WORLD HISTORY  3451-3452
Grade Level: 9, 10, 11, 12
World History is an in-depth study of our global community's past, emphasizing the people, geography, and events that changed past societies, and how these changes affect our modern society. This course is separated into the following areas: Societies of the Middle Ages, the Renaissance and Reformation, the start of the Global Age in Europe, Africa, Asia and the Americas, the Age of Absolutism, the regional civilizations of Islam, Africa, and the spread of civilization in East and Southeast Asia. This course will satisfy the World Studies requirement. Two semesters. One credit.

WORLD HISTORY HONORS  3453-3454
Grade Level: 9, 10, 11, 12
This course of World History is designed to go deeper and move faster than regular World History. The course will concentrate on the major civilizations of the world and the contributions each has made to the human condition. The course will cover from the Middle Ages through World War I from a global look. Students will be required to read in-depth in the subject areas and conduct inquiry investigations. Human history will be explored from the Renaissance to the present in all parts of the world. Considerable reading is required. This course will satisfy the World Studies requirement. Two semesters. One credit.

AFRICAN AMERICAN HISTORY  3621
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 7470
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.
Lab fee required. One semester. One-half credit.

RESIDENTIAL CARPENTRY 1 7033-7034
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 – Milestones in Aviation History, is an aviation history course focusing on the development of flight throughout the centuries. It starts with ancient civilizations and flight, then progresses through time to future developments in aerospace, with an introduction into cyber technologies. Cadets who
successfully complete this course may be eligible to participate in a summer leadership camp, JROTC 5. Wellness is an official and integral part of the Air Force Junior ROTC program. It consists of two exercise programs focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities. The program is provided as a tool to help develop individualized fitness programs for cadets. This class will include exercises and requires a parental release form. 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 is an official and integral part of the Air Force Junior ROTC program. It consists of two exercise programs focused upon individual base line improvements with the goal of achieving a national standard as calculated by age and gender. Wellness curriculum is instrumental in developing citizens of character dedicated to serving our nation and communities. The program is provided as a tool to help develop individualized fitness programs for cadets. This class 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.
CONSORTIUM 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: 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 9075-9076
Grade Level: 10, 11, 12
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 (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.
EAST HIGH
EARN COLLEGE CREDIT
IN THE FOLLOWING
General Education Courses
From the Following Colleges

<table>
<thead>
<tr>
<th>College</th>
<th>East High Course</th>
<th>College Course</th>
<th>Credits Earned</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEWMAN</td>
<td>AP LANGUAGE</td>
<td>COLLEGE WRITING 1</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>NEWMAN</td>
<td>AP LITERATURE</td>
<td>INTRO TO LIT. &amp; CRITICISM</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>NEWMAN</td>
<td>SPEECH</td>
<td>ORAL COMMUNICATIONS</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>NEWMAN</td>
<td>AP CHEMISTRY</td>
<td>GENERAL CHEM 1013/1012 LAB</td>
<td>3 COLLEGE CREDIT HOURS</td>
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<tr>
<td>NEWMAN</td>
<td>HONORS GOVERNMENT</td>
<td>AMERICAN GOVERNMENT</td>
<td>3 COLLEGE CREDIT HOURS</td>
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<tr>
<td>NEWMAN</td>
<td>PRE-CALCULUS</td>
<td>COLLEGE ALGEBRA</td>
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<tr>
<td>NEWMAN</td>
<td>AP ART HISTORY</td>
<td>PRE-MODERN ART HISTORY</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>NEWMAN</td>
<td>PSYCHOLOGY</td>
<td>GENERAL PSYCHOLOGY</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>FRIENDS</td>
<td>HONORS FINANCIAL LITERACY</td>
<td>FINANCE 140</td>
<td>3 COLLEGE CREDIT HOURS</td>
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<tr>
<td>WSU TECH</td>
<td>ANATOMY &amp; PHYSIOLOGY</td>
<td>BIO 150 Human Anat. &amp; Phys.</td>
<td>5 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>WSU TECH</td>
<td>ESSENTIALS OF INT. &amp; TEXTILE</td>
<td>INTERIOR DESIGN FUNDAMENTALS</td>
<td>2 COLLEGE CREDIT HOURS</td>
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<tr>
<td>WSU TECH</td>
<td>INT. &amp; TEXTILE DESIGN STUDIO</td>
<td>TEXTILES</td>
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<tr>
<td>WSU TECH</td>
<td>INTRO TO INDUSTRIAL TECH</td>
<td>INDUSTRIAL TECH</td>
<td>3 COLLEGE CREDIT HOURS</td>
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<tr>
<td>WSU TECH</td>
<td>RESIDENTIAL 1 CONSTRUCTION</td>
<td>CONSTRUCTION</td>
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</tr>
<tr>
<td>WSU TECH</td>
<td>RESIDENTIAL 2 CONSTRUCTION</td>
<td>CONSTRUCTION</td>
<td>4 COLLEGE CREDIT HOURS</td>
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<td>WSU</td>
<td>TEACHING AS A CAREER</td>
<td>INTRO TO TEACHING</td>
<td>3 COLLEGE CREDIT HOURS</td>
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<tr>
<td>WSU</td>
<td>INTRO TO ENGINEER DESIGN</td>
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<td>3 COLLEGE CREDIT HOURS</td>
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<td>ENGINEERING DESIGN &amp; DEVT.</td>
<td>ENGINEERING</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
<tr>
<td>WSU</td>
<td>AP STUDIO ART – POTTERY(?)</td>
<td>INTRO TO ART</td>
<td>3 COLLEGE CREDIT HOURS</td>
</tr>
</tbody>
</table>

Eligibility Requirements

GPA 3.0 and earn an A or B first semester in yearlong classes
Cost for these classes vary depending on the institution
The average cost is about $80 per credit hour
Free and Reduced Fees may apply for some students

For more specific cost and information please contact Ms. Voth

973-7264
2019-20 Career and Technical Education
Wichita High School East

Business Finance

Introductory
- Business Essentials

Technical
- Accounting
- Financial Literacy (incl Honors)
- Business Law
- Youth Entrepreneurs

Application
- Advanced Accounting
- Investing

Construction & Design

Introductory
- Introduction to Industrial Technology

Technical
- Residential Carpentry 1A, 1B

Application
- Remodeling & Building Maintenance
- Residential Carpentry 2A, 2B

 Corrections, Security & Pre-Law

Technical
- Business Law
- Practical Law
- Accounting
- Business Management

Application
- Youth Court

Digital Media (A/V)

Introductory
- Business Essentials
- Computer Essentials
- Computer Graphics*

Technical
- Audio/Video Production Fundamentals
- Animation*
- Digital Marketing

Application
- Digital Video Production
- Digital Media Design & Production

Digital Media (Communications)

Technical
- 21st Century Journalism/Fundamentals of Graphic Design
- Digital Media Technology
- Media & Public Relations
- Photo Imaging

Application
- Digital Media Project Management

Early Childhood Development

Introductory
- Intro. to Family & Consumer Sciences

Technical
- World of Children
- Parenting & Child Development
- Family Studies
- Early Childhood Education Foundations

Application
- Early Childhood Education Lab

Engineering & Applied Mathematics

Introductory
- Explorations in Technology 3 (Gr 8)

Technical
- Introduction to Engineering Design
- Principles of Engineering
- Computer Integrated Manufacturing

Application
- Engineering Design and Development

Family, Community & Consumer Services

Introductory
- Intro. to Family & Consumer Sciences

Technical
- Parenting & Child Development
- Family Studies
- Financial Literacy
- Honors Financial Literacy
- Nutrition & Wellness
- Culinary Essentials

Application
- Career Connections
- Community Connections

Fashion, Apparel, and Interior Design

Introductory
- Career & Life Planning
- Introduction to Drawing
- Introduction to Family & Consumer Sciences

Technical
- Fashion Trends
- Principles of Illustration
- Essentials of Interior & Textile Design
- Interior & Textile Merchandising
- Apparel Production 1 & 2

Application
- Interior & Textile Design Studio
- Interior Design Applications
- Community Connections

Graphic Design

Introductory
- Introduction to Drawing
- Computer Essentials

Technical
- Principles of Illustration
- Photo Imaging
- Fundamentals of Graphic Design
- Graphic Design
- Computer Graphics

Application
- Graphic Design Project Management

Marketing

Introductory
- Business Essentials

Technical
- Accounting
- Business Management
- Computer Graphics
- Digital Marketing
- Principles of Marketing
- Sports & Entertainment Marketing
- Web Page Design
- Youth Entrepreneurs

Application
- Marketing Applications

Programming & Software Development

Introductory
- Computer Essentials

Technical
- Intro to Computer Science (PLTW - CSE)
- Computer Science Principles (PLTW - CSP)
- Web Page Design

Application
- IB Computing SL
- Computer Science Applications (PLTW - CSA)
- Cyber Security (PLTW)

Restaurant & Event Management

—Culinary Arts & Management

Introductory
- Business Essentials
- Introduction to Family & Consumer Sciences

Technical
- Culinary Essentials
- Baking & Pastry 1, 2
- Culinary Arts 1, 2
- Food Science
- Nutrition & Wellness

Application
- Culinary Applications

Teaching/Training

Introductory
- Intro. to Family & Consumer Sciences

Technical
- Parenting & Child Development
- World of Children
- Teaching as a Career
- Teaching Observation

Application
- Teaching Internship

Web & Digital Communications

Introductory
- Computer Essentials

Technical
- Web Page Design
- Computer Graphics
- Animation

* Not part of approved pathway but recommended.