

# Gardner Edgerton High School



## Course Description Book

**2018-2019**





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425 N. Waverly  
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GEHS Students and Parents:

Thank you for reading the 2018-2019 *Course Handbook*. The purpose of this publication is to educate students and parents as they work together to plan for the upcoming school year. It is very important that you carefully coordinate, communicate, and calculate your decisions based upon the graduation criteria set forth by the USD 231 Board of Education, as well as, your child's post-secondary plans.

Please understand the classes students pre-enroll for are considered a binding commitment. Students cannot drop courses once the deadline to change has passed. This policy is outlined in the box on page 1. Our staff uses the information provided from our students to make decisions regarding the entire building schedule.

As you read the *Course Handbook*, pay close attention to the information regarding dual credit, NCAA eligibility, Qualified Admissions, and Kansas Scholars' Curriculum. Please pay close attention to the information about our AP and Honors programs as they have very specific criteria for enrollment and withdrawal.

Should you have questions regarding any aspect of the pre-enrollment process, individual courses, or seeking guidance from the counseling staff, please contact the appropriate school counselor at 856-2617.

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## The Course Selection Process

The scheduling process is the shared responsibility of students, parents, teachers and counselors. All of these people contribute ideas and information which result in effective educational programs for students. Since students' educational programs have implications for post-high school education and eventual career choice, careful planning is required.

**Parents** assist students in the process by discussing alternatives with them and helping them analyze individual interests, needs and goals. Involvement of parents provides students with the support, encouragement and knowledge needed for this important step in educational career planning.

**Teachers** are available to discuss curriculum with students to provide understanding of the many options available. Students are encouraged to seek their teacher's recommendations before enrolling in some courses so they are appropriately placed and meet prerequisites.

**Counselors** are available to assist students, parents and teachers in developing a sound educational program. The counselors have skills, experience and accessibility to information needed to help students in the process.

**Students** are provided information about subjects available to them. They must choose subjects which give them knowledge and skills necessary as determined by their current educational and career plan.

### The Importance of Course Selection

If students give careful thought to the future, they will realize that course selection is a means to an end, not an end in itself. They are encouraged to seek as much information as needed from parents, teachers, counselors and other students in order to make wise choices. Personal conferences can be arranged with teachers or counselors by calling the school office.

**Based on the student's choices, decisions will be made about which courses will be scheduled. Low enrollment may cause a course to be deleted. Students should choose alternate courses carefully.**

### Honors, Advanced Placement, College Now

Students may initiate the process of enrolling in any honors, advanced placement, or college now courses by informing their counselor. High school staff will make recommendations to assist students and parents in determining the students' prospects for success in honors, advanced, or college now courses.

### Course Change Policy

All students have the opportunity to select their own courses and, as much as possible, these requests will be honored. Courses are scheduled based on the student request forms. Please be aware that if a course is listed on the student request form it is very rare that class preference changes are made (changing your mind about courses selected). Students are not allowed to drop AP or Honors classes. Changing a student's schedule to accommodate a specific teacher is not permitted.

Changes will only be made for the following reasons:

- \* Conflicts appearing due to computer error
- \* Changes needed to meet graduation requirements
- \* Failure of a prerequisite course
- \* Health reasons
- \* Successful completion of the course in night school or summer school

Please be aware that any course dropped after the 1st week of class will be recorded on the transcript as "WP" (withdraw passing) or "WF" (withdraw failing).

## Important Academic Information

### Academic Classification

Grade 12: minimum of 20 credits & attended 6 semesters;  
Grade 11: minimum of 12 credits & attended 4 semesters;  
Grade 10: minimum of 4 credits & attended 2 semesters;  
Credits are checked each semester and students assigned accordingly.

### Credits

1/2 unit of credit will be granted for satisfactory completion of an approved subject meeting for 18 weeks. A student may count only one unit of "K" credit toward graduation. "K" credit can be earned by successfully passing Student Aide.

### Freshmen Science Choices

Freshmen enrolling in Geometry may choose to enroll in Biology. By doing so, the student is committing to completion of Chemistry and Physics at GEHS. If you choose to drop the accelerated science plan without completing Chemistry and Physics, you will be required to take Physical Science. If you complete both Biology and Chemistry without completing a semester of Physics, you will be required to take 1st semester of Physical Science plus an additional 1/2 credit of science.

### GPA Calculation & Weighted Grades

To encourage and reward students who complete a rigorous schedule, GEHS weights designated courses taught on campus.

|           | A    | B    | C    | D    | F    |
|-----------|------|------|------|------|------|
| Regular   | 4.00 | 3.00 | 2.00 | 1.00 | 0.00 |
| Honors/AP | 5.00 | 3.75 | 2.50 | 1.25 | 0.00 |

### Grading Scale

|    |            |    |       |    |            |
|----|------------|----|-------|----|------------|
| A  | 93 & Above | B- | 82-80 | D+ | 69-67      |
| A- | 92-90      | C+ | 79-77 | D  | 66-63      |
| B+ | 89-87      | C  | 76-73 | D- | 62-60      |
| B  | 86-83      | C- | 72-70 | F  | 59 & Below |

### Honor Rolls

**Outstanding Scholars** - 4.00 - Weighted GPA by semester  
**High Honor Roll** - 3.50 Average—Weighted GPA by semester  
**Honor Roll** - 3.00 Average—Weighted GPA by semester

### Opt-Out/Attendance Incentive

Students cannot opt out of AP or Honors classes.

### Part-Time Students

Seniors who have sufficient credits are eligible for a part-time schedule. Part-time enrollment is limited to second semester. An application must be completed through the counseling office. Eligibility in KSHSAA activities may be effected.

### Repeat Courses

Enrollment in courses repeated for credit are subject to teacher approval.

### Report Cards

Semester report cards will be mailed home.

## Important Academic Information

### Transcript Requests

Students needing transcripts for colleges or other official agencies must complete a transcript request form to be given to the registrar. Students are encouraged to plan ahead as there is a two-day turn-around for transcripts to be mailed.

### Transfer Students

In the case of transfer students, when in the judgment of the high school principal a pupil can profit by substitution of a course or waiver of local requirements, this shall be done. Transfer grades for Honors or AP courses offered by GEHS will receive the same extra weighted credit. If the Honors or AP coursework is not offered at GEHS, the grades transferred will not be weighted.

## GEHS ACTIVITY ELIGIBILITY

Students are reminded they must meet GEHS and KSHSAA activity eligibility requirements to participate in all KSHSAA activities and some GEHS activities. KSHSAA requirements state that students must pass a minimum of five new subjects of equal unit weight the previous semester in order to participate. Additionally, local schools have the authority to make those standards more rigorous. KSHSAA activities include: Instrumental Music, Boys and Girls Cross Country, Vocal Music, Football, Forensics, Volleyball, Wrestling, Boys and Girls Basketball, Boys and Girls Track, Boys and Girls Tennis, Baseball, Softball, Boys and Girls Golf, Cheerleading, Dance Team, Scholars Bowl, Boys and Girls Soccer, Debate and Bowling. GEHS activities may include: drama, plays, homecoming/winter royalty candidacy and Blue Blazers. Reminder to students and parents: Aide and Driver Education do not count as subjects of equal unit weight. Courses passed during Summer School do not count toward eligibility.

## NCAA Eligibility

**Check with your counselor for specific NCAA requirements. These are Quick Reference ONLY!**

Check out the web-site at [www.eligibilitycenter.org](http://www.eligibilitycenter.org)

### Division I & II 16 CORE-COURSE RULE

#### 16 Core Courses:

- 4 years - English
- 3 years - mathematics (Algebra I or higher)
- 2 years - natural/physical science (1 year of lab if offered by high school)
- 1 year - additional English, math, or natural/physical science
- 2 years - social science
- 4 years - additional courses (from any area above, foreign language or non-doctrinal religion/philosophy)

### NCAA Eligibility Test Score Information

- Division I & II have a sliding scale of test score and G.P.A.
- All SAT & ACT scores must be reported to the NCAA Initial-Eligibility Clearinghouse by the testing agency. Test scores that appear on transcripts will no longer be used. When registering for the SAT or ACT, use the clearinghouse code of 9999 to make sure the score is reported to the NCAA

For information on NAIA eligibility, check out their web-site at [www.naia.org](http://www.naia.org).

## Graduation Credit Check Class of 2019

### Language Arts: 4 Credits

- (1) English 9 \_\_\_\_\_
- (1) English 10 \_\_\_\_\_
- (1) English 11 \_\_\_\_\_
- (1) English 12 \_\_\_\_\_

### Fine Arts: 1 Credit

- (1/2) Communication Arts \_\_\_\_\_
- (1/2) Fine Arts \_\_\_\_\_

### Physical Education: 1 1/2 Credits

- \_\_\_\_\_ \_\_\_\_\_
- (1/2) Health \_\_\_\_\_

### Mathematics: 3 Credits

- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

### Social Science: 3 1/2 Credits

- (1) Social Studies \_\_\_\_\_
- (1) World History \_\_\_\_\_
- (1) US History \_\_\_\_\_
- (1/2) Am Government \_\_\_\_\_

### Science: 3 Credits

- Physical Science \_\_\_\_\_
- Biology \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

### Electives: 12 Credits

- Total Completed \_\_\_\_\_
- Total on Schedule \_\_\_\_\_

Credits Completed Freshman Year \_\_\_\_\_

Credits Completed Sophomore Year \_\_\_\_\_

Credits Completed Junior Year \_\_\_\_\_

Credits Completed Senior Year \_\_\_\_\_

**TOTAL CREDITS NEEDED: 28**

## Graduation Credit Check Class of 2020

**Language Arts: 4 Credits**

- (1) English 9 \_\_\_\_\_
- (1) English 10 \_\_\_\_\_
- (1) English 11 \_\_\_\_\_
- (1) English 12 \_\_\_\_\_

**Fine Arts: 1 Credit**

- (1/2) Communication Arts \_\_\_\_\_
- (1/2) Fine Arts \_\_\_\_\_

**Physical Education: 1 1/2 Credits**

- \_\_\_\_\_ \_\_\_\_\_
- (1/2) Health \_\_\_\_\_

**Mathematics: 3 Credits**

- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Social Science: 3 1/2 Credits**

- (1/2) Economics \_\_\_\_\_
- (1/2) Geography \_\_\_\_\_
- (1) World History \_\_\_\_\_
- (1) US History \_\_\_\_\_
- (1/2) Am Government \_\_\_\_\_

**Science: 3 Credits**

- Physical Science \_\_\_\_\_
- Biology \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Electives: 12 Credits**

- Total Completed \_\_\_\_\_
- Total on Schedule \_\_\_\_\_

Credits Completed Freshman Year \_\_\_\_\_

Credits Completed Sophomore Year \_\_\_\_\_

Credits Completed Junior Year \_\_\_\_\_

Credits Completed Senior Year \_\_\_\_\_

**TOTAL CREDITS NEEDED: 28**

## Graduation Credit Check Class of 2021 & 2022

**Language Arts: 4 Credits**

- (1) English 9 \_\_\_\_\_
- (1) English 10 \_\_\_\_\_
- (1) English 11 \_\_\_\_\_
- (1) English 12 \_\_\_\_\_

**Fine Arts: 1 Credit**

- (1/2) Career/Life Planning \_\_\_\_\_
- (1/2) Fine Arts \_\_\_\_\_

**Physical Education: 1 1/2 Credits**

- \_\_\_\_\_ \_\_\_\_\_
- (1/2) Health \_\_\_\_\_

**Mathematics: 3 Credits**

- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Social Science: 3 Credits**

- (1/2) World Geography \_\_\_\_\_
- (1) World History \_\_\_\_\_
- (1) US History \_\_\_\_\_
- (1/2) Am Government \_\_\_\_\_

**Science: 3 Credits**

- Physical Science \_\_\_\_\_
- Biology \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_
- \_\_\_\_\_ \_\_\_\_\_

**Electives: 12.5 Credits**

- Total Completed \_\_\_\_\_
- Total on Schedule \_\_\_\_\_

Credits Completed Freshman Year \_\_\_\_\_

Credits Completed Sophomore Year \_\_\_\_\_

Credits Completed Junior Year \_\_\_\_\_

Credits Completed Senior Year \_\_\_\_\_

**TOTAL CREDITS NEEDED: 28**

# Post High School College Recommendations

## College Entrance Recommendations

Students who plan to enter two or four-year colleges should check admission requirements at the institutions in which they are interested. These requirements may include college readiness exams.

Most colleges require a minimum of a "C" average. Highly competitive colleges require a "B" average or better for admission. A record of good behavior and cooperation with school staff and classmates is expected and necessary in order to receive satisfactory recommendations for college. Good academic and attendance records and involvement in school and/or community activities are the best recommendations an applicant can offer.

### Traditional College Entrance Recommendations

College bound students should consider a high school program which will prepare them for university work.

A minimum program should include:

|                  |           |
|------------------|-----------|
| Language Arts    | 4 credits |
| Mathematics      | 3 credits |
| Science          | 3 credits |
| Social Science   | 3 credits |
| Foreign Language | 2 credits |

### Selective College & University Entrance Recommendations

Many selective colleges, both public and private, recommend these high school courses:

|                                                        |             |
|--------------------------------------------------------|-------------|
| Language Arts                                          | 4 credits   |
| Mathematics<br>(Algebra I, II, Geometry & Upper Level) | 4 credits   |
| Science<br>(Biology, Chemistry & Physics)              | 4 credits   |
| Social Science                                         | 3.5 credits |
| Foreign Language<br>(In the same language)             | 4 credits   |
| Visual and/or Performing Arts                          | 1 credit    |

Preparation in language arts, mathematics, foreign languages, science and social studies helps in securing admission and also enhances success in college work.

### Kansas Scholars Curriculum

Students who complete the following will receive a certificate from the Kansas Board of Regents and may be considered for the Kansas State Scholars Program.

- \* 4 credits in English
- \* 3 credits in Natural Science (one credit each in Biology, Chemistry **and** Physics)
- \* 4 credits in Math including Algebra II plus one additional higher course
- \* 3 credits in Social Science
- \* 2 credits in Foreign Language (must have two years of one language)



# KANSAS QUALIFIED ADMISSIONS

## Qualified Admissions for Regents Institutions

Qualified Admissions (QA) are a set of standards used by the five of the six state universities to review applicants for undergraduate admission. The universities that use QA are Emporia State University, Fort Hays State University, Kansas State University, Pittsburg State University, and Wichita State University. KU has different admission standards. Please visit their web-site at [admission.ku.edu](http://admission.ku.edu) for more information. The standards are set by the Kansas Board of Regents, the governing body for the universities.

Students graduating from an accredited Kansas high school, under the age of 21 MUST:

- 1) Complete the precollege or Kansas Scholars Curriculum with at least a 2.0 GPA;  
**AND**
- 2) Achieve ONE of the following:
  - \* ACT score of 21 or higher; OR
  - \* SAT score of 980 or higher; OR
  - \* Graduate in the top one-third of their class;**AND**
- 3) Achieve a 2.0 GPA or higher on any college credit course taken in high school.

## Qualified Admissions Precollege Curriculum

|                 |                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| English         | 4 approved units of English, one unit taken each year of high school, 1/2 unit may be Speech                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Natural Science | 3 approved units from the following, one unit must be Chemistry or Physics<br>* Biology<br>* Advanced Biology (2nd Year Biology)<br>* Earth/Space Science<br>* Environmental Science<br>* Zoology<br>* Chemistry<br>* Physics<br>* Genetics<br>* Physical Science                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Math            | 3 approved units from the following<br>* Algebra I<br>* Geometry<br>* Algebra II<br>* Any course with Algebra II as a prerequisite<br><b>OR</b><br>AND students must meet the ACT College readiness math benchmark of 22                                                              | 4 approved units, with one unit taken in the graduating year. Three units selected from the following:<br>* Algebra I<br>* Geometry<br>* Algebra II<br>* Any course with Algebra II as a prerequisite<br>The fourth unit may be prescribed by the school district and must be designed to prepare students for college<br><i>Dual enrollment, concurrent enrollment and online courses may be used to fill the requirement<br/>                 Courses completed in middle school/junior high do NOT fulfill the requirement</i> |
| Social Science  | 3 approved units that includes instruction in<br><br>* U.S. History<br>* US Government<br>* Geography                                                                                                                                                                                 | Students meeting the Kansas State Department of Education social science graduation requirements generally fulfill the precollege curriculum social science requirements                                                                                                                                                                                                                                                                                                                                                          |
| Electives       | 3 approved units from the following:<br>* English<br>* Math<br>* Natural Science<br>* Social Science<br>* Foreign Languages<br>* Personal Finance<br>* Career and Technical Education<br>* Computer/Information Systems<br>* Speech, Debate, Forensics<br>* Journalism<br>* Fine Arts |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Specific information regarding Qualified Admissions Curriculum can be found at: [www.kansasregents.org](http://www.kansasregents.org).

Students new to the district should check with their counselor with questions about transferring grades and credits.

## Ways to Earn College Credit While Still in High School

### Advanced Placement Exams

Certain advanced courses in the high school program are designated Advanced Placement. The Advanced Placement examinations given each May are scored by the Education Testing Service. Each examination receives an overall grade on a five point scale:

|                                   |
|-----------------------------------|
| 5 points—extremely well qualified |
| 4 points—well qualified           |
| 3 points—qualified                |
| 2 points—possibly qualified       |
| 1 point—no recommendation         |

Each college decides what AP examination grades it will accept. Many colleges accept grades of 3 or better and give the student credit as if that student had taken one or more basic courses in the subject tested. In some cases credit is not given, but the necessity of taking basic courses is waived.

College bound students should consider taking one or more AP courses. Research shows students completing one or more AP courses regardless of their grades, do better in college than those never taking AP courses.

The following are the AP courses offered:

- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP English 11
- AP English 12
- AP European History
- AP Statistics
- AP US History

### College Now

The College Now program for high school juniors and seniors is offered in cooperation with JCCC. A student must complete a JCCC application, a high school authorization form, assessments as required, and provide payment for tuition. A high school transcript is not required at the time of enrollment. College Now classes are aligned with the curriculum at JCCC, but are taught in the high school classroom.

#### **College Now**

##### **Courses**

Honors Physics  
HN American Government  
HN Pre-Calculus

#### **ACT**

##### **Sub-Score**

Math: 28

\*\*

28

\*\*

Math: 28

Math: 28

English: 19

Math: 26

\*\*

\*\*There are no testing requirements for the following College Now classes: American Government, Biology, and US History.

Students may also take the Accuplacer test and qualify for college credit with an appropriate score. The Compass Exam can be used in lieu of the ACT exam for Junior College Admission. For more information check out JCCC web-site at [www.jccc.edu](http://www.jccc.edu).

**College Now students cannot drop the course at semester.**

### College Release (Quickstep at JCCC)

This college release program is for seniors. Instruction is provided by JCCC faculty and held on the college campus. The student must complete a JCCC admissions application, a high school authorization form, and assessments (if required) and provide payment for tuition.

In addition, students seeking dual credit must first complete a contract with a high school counselor and receive final approval from an administrator

# COURSE FEE LIST

**Additional information regarding fees may be found in the Course Description**

|                                      |                                     |                                                 |                                     |
|--------------------------------------|-------------------------------------|-------------------------------------------------|-------------------------------------|
| 2D Art                               | \$20.00                             | HVAC Technology                                 | \$10.00                             |
| Advanced Ceramics                    | \$20.00                             | Interior Design Essentials                      | \$15.00                             |
| Advanced Design                      | \$20.00                             | Interior Design Studio                          | \$40.00                             |
| Advanced Jewelry                     | \$20.00                             | Interior Design I                               | \$25.00                             |
| Advanced Materials Technology        | \$20.00                             | Interior Design II                              | \$40.00                             |
| Auto Collision I                     | \$20.00                             | Jewelry & Metalsmithing                         | \$20.00                             |
| Auto Collision II                    | \$20.00                             | Madrigal Choir                                  | \$50.00 +<br>Shoes &<br>Accessories |
| Auto Refinishing Comprehensive A & B | \$20.00                             | Manufacturing Processes                         | \$20.00                             |
| A/V Production Fund                  | \$10.00                             | Mass Production I                               | \$20.00                             |
| Baking & Pastry I                    | \$25.00                             | Mass Production II                              | \$20.00                             |
| Baking & Pastry II                   | \$25.00                             | Nutrition & Wellness                            | \$20.00                             |
| Basic Design                         | \$20.00                             | Plumbing Technology                             | \$10.00                             |
| Blazer Jazz Band                     | Jazz Band<br>Shirt                  | Printmaking/Fiber Arts                          | \$20.00                             |
| Blue Blazers                         | \$50.00 +<br>Shoes &<br>Accessories | Production Welding Processes                    | \$20.00                             |
| Broadcast Journalism I               | \$10.00                             | Production Welding Processes II                 | \$20.00                             |
| Broadcast Journalism II              | \$15.00                             | Research & Design for<br>Manufacturing          | \$20.00                             |
| Broadcast Journalism III             | \$15.00                             | Research & Emerging Trends<br>In Transportation | \$10.00                             |
| Carpentry I                          | \$20.00                             | Remodel & Building<br>Maintenance               | \$10.00                             |
| Carpentry II                         | \$20.00                             | Sculpture                                       | \$20.00                             |
| Ceramics I                           | \$20.00                             | Teen Leadership                                 | \$10.00                             |
| Concert Choir                        | \$20.00                             | Trailblazer Marching Band                       | Uniform<br>Rental &<br>Accessories  |
| Culinary Applications                | \$50.00                             | Trailblazer Choir                               | \$50.00 +<br>Shoes &<br>Accessories |
| Culinary Arts I                      | \$50.00                             | Treble Choir                                    | \$30.00 +<br>Shoes &<br>Accessories |
| Culinary Arts II                     | \$25.00                             | Treble Jazz Ensemble                            | \$30.00 +<br>Shoes &<br>Accessories |
| Culinary Prep I                      | \$25.00                             | Web Page Design                                 | \$10.00                             |
| Culinary Prep II                     | \$50.00                             | Wind Ensemble                                   | Uniform<br>Rental &<br>Accessories  |
| Custom Refinishing A                 | \$10.00                             |                                                 |                                     |
| Custom Refinishing B                 | \$10.00                             |                                                 |                                     |
| Digital Photo I                      | \$35.00                             |                                                 |                                     |
| Digital Photo II                     | \$35.00                             |                                                 |                                     |
| Electrical & Security Systems        | \$10.00                             |                                                 |                                     |
| Event Planning & Management          | \$25.00                             |                                                 |                                     |
| Freshman Band                        | Uniform<br>Rental &<br>Accessories  |                                                 |                                     |
| General Services I                   | \$20.00                             |                                                 |                                     |
| General Services II                  | \$20.00                             |                                                 |                                     |
| General Services III                 | \$20.00                             |                                                 |                                     |
| Graphic Design                       | \$30.00                             |                                                 |                                     |
| Graphic Design Fundamentals          | \$30.00                             |                                                 |                                     |

**Fees subject to change as approved by the USD 231 Board of Education**

# Courses by Department

## Language Arts Department

English 9 & HN English 9  
 English 10 & HN English 10  
 English 11 & AP English 11  
 English 12, AP English 12 & HN English 12

**These courses fulfill Language Arts Graduation requirement**

## Math Department

|                |                           |
|----------------|---------------------------|
| Algebra I      | Consumer Math             |
| Algebra IA     | Geometry                  |
| Algebra II     | HN Algebra II             |
| Algebra III    | HN College Quickstep Alg. |
| AP Calculus AB | HN Pre-Calculus           |
| AP Calculus BC | Informal Geometry         |
| AP Statistics  | Intermediate Algebra      |

**These courses fulfill Mathematics Graduation requirement**

## Science Department

|                       |                  |
|-----------------------|------------------|
| Anatomy & Physiology  | Field Biology    |
| AP Biology            | Genetics         |
| AP Chemistry          | HN Chemistry     |
| Biology               | HN Physics       |
| Chemistry             | Physical Science |
| Earth/Space Science   | Physics          |
| Environmental Science | Zoology          |

**These courses fulfill Science Graduation requirement**

## Social Science Department

|                      |                 |
|----------------------|-----------------|
| Am Gov. & HN Am Gov. | US History      |
| AP European History  | World Geography |
| AP US History        | World History   |

**These courses fulfill Social Science Graduation requirement**

## Communication Arts

|                                  |                    |
|----------------------------------|--------------------|
| Broadcast Journalism I, II & III | Forensics          |
| Career & Life Planning           | Intro to Forensics |
| Competitive Debate               | Teen Leadership    |
| Debate & Argumentation           |                    |

**These courses fulfill Communication Arts Graduation requirement**

## Fine Arts Department

|                            |                                  |
|----------------------------|----------------------------------|
| 2D Art                     | Fr/Concert Band                  |
| Academy Orchestra          | Graphic Design                   |
| Acting I/II                | Graphic Design Fund.             |
| Advanced Ceramics          | Intro to Tech Theatre            |
| Advanced Design            | Intro to Theatre                 |
| Advanced Jewelry           | Jewelry & Metalsmithing          |
| Advanced Technical Theatre | Madrigal Choir                   |
| Advanced Techniques        | Philharmonic Orchestra           |
| Basic Design               | Printmaking/Fiber Arts           |
| Blazer Jazz Band           | Repertory Theatre                |
| Blue Blazers               | Sculpture                        |
| Ceramics                   | Trailblazer March/Symphonic Band |
| Chamber Orchestra          | Trailblazer Choir                |
| Concert Choir              | Treble Jazz Ensemble             |
| Concert Orchestra          | Treble Choir                     |
| Digital Photo I & II       | Wind Ensemble                    |

**These courses fulfill Fine Arts Graduation requirement**

## Physical Education/Health Department

|                             |                  |
|-----------------------------|------------------|
| Aerobics                    | Health           |
| Athletic Development        | Lifetime Fitness |
| Athletic Development-Ladies | PE I & II        |

**These courses fulfill PE/Health Graduation requirement**

## ELECTIVES

### Business

|                     |                         |
|---------------------|-------------------------|
| Accounting I & II   | Entrepreneurship        |
| Business Essentials | Marketing Applications  |
| Business Law        | Principles of Marketing |

### Computer

|                         |                        |
|-------------------------|------------------------|
| 21st Century Journalism | Info Support Proj Mgmt |
| Audio/Visual Production | Information Support    |
| Computer Applications   | Project Management     |
| Computer Science I      | Web Page Design        |
| Educational Trainer     | Web Project Management |
| Game Design             |                        |

### General Electives

|                 |                  |
|-----------------|------------------|
| ACT Prep        | Gifted Education |
| Cadet Volunteer | TOPS             |
| CNA             | TOPS PE          |

### Family & Consumer Sciences

|                             |                            |
|-----------------------------|----------------------------|
| Baking & Pastry I & II      | Family Studies             |
| Career Connections          | Human Growth & Development |
| Community Connections       | Interior Design Essentials |
| Consumer & Personal Finance | Interior Design Studio     |
| Culinary Applications       | Interior Design I & II     |
| Culinary Arts I & II        | Nutrition & Wellness       |
| Culinary Prep I & II        | Teaching Internship        |
| Event Planning              | Teaching Observation       |
| Exploring Teaching          |                            |

### International Languages

|                     |                    |
|---------------------|--------------------|
| French I, II, & III | Spanish I, II, III |
| Honors French IV    | Honors Spanish IV  |

### Industrial Technology

|                               |                                 |
|-------------------------------|---------------------------------|
| Adv Drafting & CAD            | HVAC Technology                 |
| Adv Materials Technology      | Intro to Industrial Tech        |
| Arch Design                   | Intro to Welding                |
| Auto Collision I & II         | Mass Production I & II          |
| Auto Information              | Manufacturing Processes         |
| Auto Refinishing              | Plumbing Technology             |
| Carpentry I & II              | Production Blueprint Reading    |
| Custom Refinishing A & B      | Production Welding I & II       |
| Drafting & CAD                | Research Emerg. Trnds in Trans. |
| Electrical & Security Systems | Research & Design for Manuf.    |
| General Services I, II, & III | Research & Design for Const.    |
|                               | Remodel & Building Maintenance  |

### Language Arts

|                         |                        |
|-------------------------|------------------------|
| Creative Writing I & II | Sports Literature      |
| Newspaper I & II        | World Mythology I & II |
| Poetry                  | Yearbook I & II        |

### Performing Arts

Music Theory/History I

### Social Science

|                           |            |
|---------------------------|------------|
| Current Social Issues     | Psychology |
| Humanities of Med. & Res. | Sociology  |

## 21st Century Journalism

Credit: 1/2

Grades: 9, 10, 11, 12

21st Century Journalism promotes the development of the skill set needed today and in the future for journalism and mass communications. Topics include an exploration of the role media and the communications industry has in society, the development of the technical skills related to journalistic writing, interviewing, design and technology, as well as understand the ethical and legal issues related to the field. Students who successfully complete this course may enroll in yearbook or newspaper with instructor approval.

## 2D Art

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit

Grades: 9, 10, 11, 12

FEE: \$20.00

Multiple semesters are offered which cover levels of drawing and painting. Students sign up for the general two-dimensional class and are then assigned to particular areas of interest and ability. Each level will help the student develop skills that they can use throughout their lives for recreation or possible careers. Students will also prepare their artwork for competitions and portfolios for scholarships.

## Academy Orchestra

Prerequisite: Audition ONLY

\* Demonstrate sufficient ability to play a violin, viola, cello or double bass through the audition process

\* OR Director's approval to enroll.

Fulfills Fine Arts Requirement

Credit: 1—may be repeated for credit

Grades: 10, 11, 12

Membership in this course is by audition or director approval only. The class will emphasize the continued development of individual and ensemble skills required by successful musicians, and students will perform literature from a diverse selection of styles and genres ranging from classical to modern. Academy Orchestra is a performing ensemble which requires students to attend rehearsals and performances beyond regular class time as part of credit and grade earned. Members are eligible to audition for KMEA and area youth orchestras and to participate in the KSHSAA Solo and Ensemble Festival.

## Accounting I

Credit: 1

Grades: 10, 11, 12

This course is designed to introduce and provide students a strong foundation in accounting principles. Students will learn what business transactions are and to keep track of these transactions in order to complete the financial accounting cycle. Accounting I will utilize technology for the purpose of journalizing, posting and preparing financial statements.

## Accounting II

Prerequisite: Accounting I

Credit: 1

Grades: 11, 12

This course is an extension of Accounting I. It is intended to help those students planning a vocation in business management or accounting. Accounting II will utilize technology for the purpose of journalizing, posting and preparing financial statements.

## ACT Test Preparation

Prerequisite: Algebra II, Chemistry or Concurrent Enrollment

Credit: 1/2

Grades: 12 (fall semester)

11 (spring semester)

The ACT Test Preparation course is an elective designed to help students understand the ACT testing process and utilize testing strategies to enable students to increase their ACT test score. Curriculum will be reviewed in Math, Science, English and Reading, specific to the content covered on the test. Practice ACT tests will be required with some tests administered outside of class so that the ACT mandated testing conditions can be simulated. Students planning on attending a 4 year college/university as a freshman are encouraged to complete this course the semester prior to taking the actual ACT test.

## Acting I & II

Prerequisite: Introduction to Theater OR Director prior approval

Fulfills Fine Arts Requirement

Credit: 1

Grades: 10, 11, 12

This course provides students techniques to use in creating a role for performance. Students will use movement, vocal, and analysis techniques to create and sustain believable characters in performance. Projects range from original monologues to scripted scenes from dramatic literature. Analysis of dramatic literature is an important role in acting, and students will be expected to do outside reading of dramatic works. This course is designed to teach refinement of acting and performance skills in play production. Emphasis is on development of individual creative expression through duet and solo acting, play reading and viewing. Out-of-school time may be used for theatrical field trips or workshops.

## Advanced Ceramics

Prerequisite: Ceramics I

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit

Grades: 10, 11, 12

FEE: \$20.00

Building on the knowledge gained in Ceramics I, students will advance to higher levels of design, technique, and construction. Emphasis is placed on students developing a strong connection to their art and skills in the studio. The class will work to a greater detail and degree as they take on more challenging assignments. Students will be taught advanced throwing and handbuilding skills and combinations of both. Class members will have more input on the direction they want to take their art and it's expression. Multiple semesters are possible for credit as skills progress and the student wants to become more fluent in his/her art.

## Advanced Design

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit

Grades: 9, 10, 11, 12

FEE: \$20.00

This course is for the art student who wants to explore the many and varied aspects of the elements and principles of art. Students will combine materials and techniques in a creative way. Projects include two-dimensional mediums combined with three-dimensional processes such as bas-relief sculpture and architectural design.

### **Advanced Drafting/CAD**

**Prerequisite:** Drafting/CAD OR Permission of Instructor  
**Credit:** 1 (Three hours Tech Prep College Credit agreement with JCCC.)  
**Grades:** 10, 11, 12

This advanced course deals with the fundamental process of machine drawing with work in descriptive geometry and CAD. The course would be relevant to students interested in engineering and/or students who will draw or read blue prints. (85% of drawings are on Auto CAD).

### **Advanced Jewelry & Metalsmithing**

**Prerequisite:** Beginning Jewelry & Metalsmithing  
**Fulfills Fine Arts Requirement**  
**Credit:** 1/2—may be repeated for credit  
**Grades:** 10, 11, 12      **FEE:** \$20.00

Building on the knowledge learned in Beginning Jewelry & Metalsmithing students will advance to higher levels of design, technique and construction. Emphasis will be placed on students developing multi-step projects and mastery of advanced techniques. Class members will have more input on the direction they want to take their Art and it's expression. Multiple semesters are possible for credit as skills progress and the student wants to become more fluent in his/her Art.

### **Advanced Materials Technology**

**Prerequisite:** Cabinet Making & Furniture Design I & II  
**Credit:** 1  
**Grades:** 11, 12      **FEE:** \$20.00

A progressive application level course furthering the study of CNC equipment, composite panel products, veneering and the processes involved with fabricating goods with these technologies.

### **Advanced Technical Theatre**

**Prerequisite:** Intro to Tech Theatre or Director Approval  
**Fulfills Fine Arts Requirement**  
**Credit:** 1/2—Fall ONLY—May be repeated for credit  
**Grades:** 10, 11, 12

This is an upper level course. Students will focus on the design and production process for both the Fall Musical and Winter Play. The course will be designed to help advanced students create college ready portfolios.

### **Advanced Techniques**

**Audition Only**  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 9, 10, 11, 12

This instrumental music class is designed to meet the growing needs of advanced student musicians in areas including small ensembles, solos, auditions, standard jazz techniques and an introduction to music theory. The course is ideal for students wishing to become more active and have greater successes performing and competing and is highly recommended for students wishing to study music in a collegiate setting. Throughout the year students will receive music theory instruction equal to the 1st quarter in a freshman collegiate theory course, learn multiple works for various small ensembles, and learn at least two appropriate solos for their primary instrument.

### **Aerobics**

**Credit:** 1/2 — may be repeated for credit  
**Students are limited to 2 PE classes a semester**  
**Grades:** 9, 10, 11, 12

This course will include basic aerobics, step aerobics and body sculpting. Light weightlifting will be required.

### **Algebra I**

**Credit:** 1  
**Grades:** 9, 10, 11

This course is a reinforcement and extension of the Middle School Algebra IA curriculum with emphasis on completion of the Algebra concepts. Students will concentrate on topics including systems of equations and inequalities, polynomials, exponents, radicals, quadratic equations, factoring patterns, and rational expressions. Upon successful completion of this course, students are encouraged to enroll in either Geometry or Informal Geometry—depending on post graduation aspirations.

**A TI-30XIIS calculator is highly recommended.**

### **Algebra IA**

**Does not meet Qualified Admissions NOR Regents Recommended Curriculum**  
**Credit:** 1  
**Grades:** 9, 10

This course is designed to focus on the first half of the Algebra I curriculum. It will provide a good foundation of algebraic concepts including; order of operations, absolute value, integers, simplifying expressions, and solving linear equations and inequalities. A great emphasis will be placed on graphic representations of linear functions. Students will be expected to conduct data analysis through such techniques as linear regression, probability, odds, measures of central tendency, box-and-whisker plots and stem-and-leaf plots. Students will be expected to do many hands-on activities to better understand the topics covered. After successful completion of the course students should enroll in Algebra I.

### **Algebra II**

**Prerequisite:** Successful completion of Geometry (or concurrent enrollment with math department approval)  
**Credit:** 1  
**Grades:** 9, 10, 11, 12

This course is designed to continue the study of topics from Algebra I. Students will build on the firm foundation of solving linear equations and extend abilities to solve quadratic equations using several different methods. Some of the advanced algebraic concepts that will be taught in this class include, but are not limited to: solving systems of equations involving 3 or more unknowns, matrices, exponential, and logarithmic equations. Throughout the curriculum, emphasis and connections will be made between symbolic, numeric and graphical representations of all types of functions.

**A TI-84 graphing calculator is highly recommended.**

### Algebra III

**Prerequisite:** Successful completion of Algebra II

**Credit:** 1

**Grades:** 10, 11, 12

This course is designed to continue with topics from Algebra I, Algebra II and Geometry. Students will build on the firm foundation of solving linear and quadratic equations and problems involving matrices. Some of the advanced algebraic concepts that will be taught in this class include, but are not limited to: exponential equations, logarithmic equations, conics, sequences, series, rational functions, trigonometry, probability, and statistics. Students who plan on going to college or entering a math related field but do not feel ready for Precalculus or College Algebra are the ideal candidates for this course. Many of the topics discussed in class are found on college entrance exams such as the ACT.

**A TI-84 graphing calculator is highly recommended.**

### American Government

**REQUIRED**

**Credit:** 1/2

**Grades:** 12

The study of American Government, including the U.S. Constitution, is based on an assumption that understanding of the fundamentals of government is essential to the success of a democratic society. Basic rights of citizenship as well as the obligations and responsibilities of citizenship are key components of the course. This course will serve as a practical political survey for any student.

### Anatomy & Physiology

**Prerequisite:** Biology

**Credit:** 1

**Grades:** 10, 11, 12

Anatomy and Physiology is the study of the body's structures and functions at the molecular, cellular, tissue, organ, systemic and organism levels. Students will explore the body through laboratory investigations, models, diagrams, and/or comparative studies of the anatomy of other organisms. The study of anatomy will prepare students for a variety of pursuits such as health care, and fitness careers, as well as taking a part in their own health and wellness.

### AP Biology (Weighted Course)

**Prerequisite:** Biology and Chemistry

**Credit:** 1

**Grades:** 11, 12

**Eligible for College Now Credit**

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

AP Biology is the equivalent of a two-semester college Biology course. It aims to provide students with the conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. Topics will include: molecules and cells; heredity and evolution; organisms and populations. The AP Exam will be offered at the conclusion of this course.

### AP Calculus AB (Weighted Course)

**Prerequisite:** Pre-Calculus

**Credit:** 1

**Grades:** 11, 12

**Eligible for College Now Credit**

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Calculus is the mathematics of motion and change. Modern physical science, engineering and business use both differential and integral calculus to express physical laws in precise mathematical terms and to study the consequences of these laws. Topics covered will include: rate of change of a function, derivatives and their applications, integration and applications, and plane analytic geometry. The Calc AB AP Exam will be offered at the conclusion of this course.

**A TI-84 graphing calculator is highly recommended.**

### AP Calculus BC (Weighted Course)

**Prerequisite:** Pre-Calculus

**Credit:** 1

**Grades:** 11, 12

**Eligible for College Now Credit**

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This AP course covers topics in differential and integral calculus, including concepts and skills of limits, derivatives, definite integrals, the Fundamental Theorem of Calculus, and series. This course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results and support conclusions.

**A TI-84 graphing calculator is highly recommended.**

### AP Chemistry (Weighted Course)

**Prerequisite:** C or higher Chemistry or Honors Chemistry and Algebra II or Honors Algebra II

**Credit:** 1

**Grades:** 11, 12

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

AP Chemistry is the second year of chemistry designed to develop students' ability to think clearly and express his/her scientific ideas with clarity and logic through laboratory investigations. These allow students to observe chemical reactions and substances, interpret findings, and communicate results. This is a course that can lead to 84 career areas and 48 college majors. It is perfect for anyone looking into a career in the medical, engineering, or science field. The AP Exam will be offered at the conclusion of this course.

### AP English 11 (Weighted Course)

Prerequisite: None (HN Eng 9 & HN Eng 10 recommended)

Credit: 1

Grades: 11

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

An AP course in English Language and Composition engages students in becoming skilled readers of non-fiction written in a variety of periods, disciplines, and rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. Both their writing and reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The AP English Language and Composition Exam will be offered at the conclusion of this course.

### AP English 12 (Weighted Course)

Prerequisite: NONE (HN Eng. 9, HN Eng. 10 & AP Eng. 11 recommended)

Credit: 1

Grades: 12

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

An AP English Literature and Composition course engages students in the careful reading and critical analysis of imaginative literature. Through close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and themes as well as such smaller-scale elements as use of figurative language, imagery, symbolism, and tone. Students will be given the opportunity to potentially earn college credit by taking the AP exam offered in May.

### AP European History (Weighted Course)

Credit: 1

Grades: 10, 11, 12—10th Grade Fulfills World History Requirement

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

AP European History participants will study the history of Europe since 1450. This course introduces students to cultural, economic, political and social developments that played a fundamental role in shaping the modern world. AP European History helps students understand the development of contemporary social and political institutions, the evolution of current forms or artistic expression and discussion. Students will also discuss the role of conflict and resolution in historical European context, and the impact it has had on modern day society. Students will be required to develop extensive writing skills and analytical thought processes as they explore historical trends in European history. Reading requirements for this course will be in-depth and expose students to a college level reading load. The AP Exam will be offered at the conclusion of this course.

### AP Statistics (Weighted Course)

Prerequisite: Algebra II

Credit: 1

Grades: 10, 11, 12

Eligible for College Now Credit

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This elective mathematics course is designed to introduce students to the real applications of statistics through real world case studies and technology. Students will be introduced to topics such as distributions, variations, hypothesis testing and probability. The AP Exam will be offered at the conclusion of this course.

**A TI-84 graphing calculator is highly recommended.**

### AP US History (Weighted Course)

Credit: 1

Grades: 11

College Now Credit available

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

AP US History participants survey United States History from colonial times to present, emphasizing important social, political, cultural and economic developments that have shaped the American Character of the US. Extensive analysis of U.S. history, reading and writing are essential components in this course. The course follows the National Advanced Placement curriculum in U.S. History and is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with problems and materials in U.S. History. The course prepares students for intermediate and advanced college courses. Students in the course will use primary and contemporary sources to compare past trends with current issues. AP Exam is offered at the conclusion of this course.

### Architectural Design

Prerequisite: Drafting/CAD Recommended

Credit: 1

Grades: 10, 11, 12

This class is an exploration of the field of architectural drawing and design and an introduction of CAD. Emphasis is on small commercial buildings and conventional homes.

### Athletic Development

Credit: 1/2 —may be repeated for credit

Students are limited to 2 PE classes a semester

Grades: 9, 10, 11, 12

This course includes instruction in proper methods of weight training, high intensity agility and speed drills. If there are any physical limitations that would prevent you from performing any lifts, you must have teacher approval to take the course. The daily workouts for this class will include stretching, weight training, agility drills, and running. This course is designed for the participant who is serious about becoming stronger, faster and more flexible.



### **Athletic Development—Ladies**

**Students are limited to 2 PE classes a semester**  
**Credit: 1/2—May be repeated for credit**  
**Grades: 9, 10, 11, 12**

This course includes instruction in proper methods of weight training, high intensity agility, speed and jump training. This course is designed to accommodate the specific needs of females who want to become more athletic. If there are physical limitations that would prevent you from performing any lifts, you must have teacher approval to take the course. The daily work-outs for this class include cardiovascular warm-up, stretching, weight training, agility or jumping drills and running. This course is designed for the participant who is serious about becoming stronger, faster and more flexible.

### **Audio Video Production Fundamentals**

**Credit: 1/2**  
**Grades: 9, 10, 11, 12** **FEE: \$10.00**

This course provides a basic understanding of producing video for a variety of uses. Topics include analyzing the pre-production, production and post-production process, as well as explore the equipment, editing software and techniques used to develop a quality video production. **Some after school hours may be required.** Students with a C or better will be able to enroll in Broadcast Journalism I.

### **Auto Collision I**

**Credit: 1**  
**Grades: 9, 10, 11, 12** **FEE: \$20.00**

A comprehensive course designed to instruct students in the knowledge and skills common to the collision industry.

### **Auto Collision II**

**Prerequisite: Auto Collision I**  
**Credit: 1**  
**Grades: 11, 12** **FEE: \$20.00**

A comprehensive, application level course designed to provide students with the skills needed to perform diagnosis and repair in the Collision industry.

### **Auto Refinishing Comprehensive**

**Credit: 1**  
**Grades: 10, 11, 12** **FEE: \$20.00**

A comprehensive course designed to instruct students in the knowledge & skills common to the Auto Refinishing industry.

### **Automotive Information I**

**Recommended as an Introductory Course**  
**Credit: 1/2**  
**Grades: 9, 10, 11, 12**

A comprehensive, technical level course designed to provide students with the basic automotive vehicle system knowledge. This includes systems such as engine operation, brakes, electrical, drivetrain, steering, and suspension. Students will be able to use the latest equipment to understand, diagnose and repair complex vehicle components. The objective of the course is to prepare students for entry-level employment in the field of automotive and light truck service while offering the opportunity for ASE Certifications.

### **Baking and Pastry I**

**Credit: 1/2**  
**Grades: 9, 10, 11, 12** **FEE: \$25.00**

This course looks at the baking and pastry industry, and the equipment and procedures required. Topics include baking science, ingredient function and methods used for a quality product based upon industry standards.

### **Baking and Pastry II**

**Prerequisite: Baking and Pastry I**  
**Credit: 1/2**  
**Grades: 9, 10, 11, 12** **FEE: \$25.00**

This course builds upon the Baking and Pastry I course by refining and expanding skills of production management. Topics also include analyzing the scientific reactions during production and expanding the skill development to address the finer aspects of the field

### **Basic Design**

**Fulfills Fine Arts Requirement**  
**Credit: 1/2**  
**Grades: 9, 10, 11, 12** **FEE: \$20.00**

This class is an introductory unit to all other art classes. Students will learn the principles and elements of design. They will explore various media through the assignment of design problems. Students will be given instruction in various art forms as well as art history. Successfully completing this course will enable the student to take any/all of the advanced art courses offered.

### **Biology**

**REQUIRED**  
**Prerequisite: Physical Science/Freshmen must be enrolled in Geometry**  
**Credit: 1**  
**Grades: 9, 10, 11, 12**

Biology is the study of living things and how they interact with their environment. This introductory course is designed for students who desire an overview of biology. Topics covered include cells, genetics, ecology, and evolution. Students will gain lab experience in microscopy, technology applications, and basic laboratory skills.

### **Blazer Jazz Band**

**Prerequisite: Audition only**  
**Fulfills Fine Arts Requirement**  
**Credit: 1—may be repeated for credit**  
**Grades: 9, 10, 11, 12**  
**FEE: Jazz Band Shirt**

The focus of this course is to prepare students to perform Jazz Music in a concert setting. Rehearsals will provide students with the opportunity to learn basic improvising skills and the standard techniques for their instruments in numerous Jazz Styles. Students are required to attend all performances as a part of the credit or grade received.

### Blue Blazers

**Prerequisite:** Audition only  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 9, 10, 11, 12  
**FEE:** \$50 plus shoes and accessories

Students will use advanced vocal techniques in developing a repertoire including ballads, blues, swing, jazz, gospel and pop styles. Staging and choreography will be incorporated into the repertoire. Students should be able to demonstrate basic and advanced music theory skills. Leadership skills will be emphasized as this select group performs frequently in the community as well as at regular school performances. Students selected to participate in this choir will be required to attend all rehearsals and performances beyond the regular class time. State music contest material will be covered.

### Broadcast Journalism I

**Prerequisite:** AV Production Fundamentals  
**Fulfills Communications Arts Requirement**  
**Credit:** 1/2  
**Grades:** 9, 10, 11, 12  
**FEE:** \$10.00

Broadcast Journalism I provide many of the technical skills needed to work with electronic media. Topics include exploring the use of digital media and video from the past, today and in the future, a study of the relationship of work flow to project planning and completion and the software, equipment and tools used in the industry. Students in this class will work on broadcasting techniques and prepare to be a part of the Blazer News Center broadcast team. **Some after school hours will be required.**

### Broadcast Journalism II

**Prerequisite:** Broadcast Journalism I & teacher approval  
**Credit:** 1—may be repeated for credit  
**Grades:** 11, 12  
**FEE:** \$15.00

Broadcast Journalism II applies the technical skills learned in AV Production Fundamentals & Broadcast Journalism I by allowing students to orchestrate projects from setting the objectives to the post-production evaluation. The subject of the presentation may be determined in a number of ways, but must address an authentic need. The complexity of the presentation is not the focus of the course, but the experience of the entire process in, to include planning the presentation, setting up the studio (if applies), acting as videographer and editor to make it fluid and seamless. Students are required to work in the presentation of Blazer News Center & GETV. **After school hours are required.**

### Broadcast Journalism III

**Prerequisite:** Broadcast Journalism II & teacher approval  
**Fulfills Communications Arts Requirement**  
**Credit:** 1  
**Grades:** 12  
**FEE:** \$15.00

Broadcast Journalism III provides students the opportunity to apply the fundamental techniques learned in Broadcast Journalism II 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 be required to work in the presentation of the Blazer News Center, GETV, and the development of North Waverly (new student podcast). **After school hours will be required.**

### Business Essentials

**Credit:** 1/2  
**Grades:** 9, 10, 11, 12

This introductory business course is designed to give students an overview of the business, marketing and finance career cluster occupations. Students will examine current events to determine their impact on business and industry and legal and ethical behavior, acquire knowledge of safe and secure environmental controls to enhance productivity, determine how resources should be managed to achieve company goals, and identify employability and personal skills needed to obtain a career and be successful in the workplace.

### Business Law

**Credit:** 1/2  
**Grades:** 11, 12

This introduction to law provides a mixture of personal and consumer law, as well as a strong foundation in business law. This course is designed to inform individuals of their legal rights and responsibilities concerning protections, business ownership, and contractual agreements.

### Cadet Volunteers (Elementary & Middle Schools)

**Prerequisite:** Application  
**Credit:** 1/2 (per semester)  
**Grades:** 12  
**Cadets will be required to provide their own transportation to school assigned.**

This course allows seniors to travel to one of our elementary/middle schools to work in a volunteer capacity for a classroom teacher. While under the supervision of a classroom teacher, the cadet may offer support to younger students academically and support the teacher in various volunteer based capacities for about 3 hours per week. During each grading period, the cooperating teacher will evaluate the cadet and issue a grade. **Not part of the CTE Pathway.**

### Career Connections

**Prerequisite:** Complete 2 full credits in Family, Community & Consumer Services Pathway  
**Credit:** 1/2  
**Grades:** 11, 12

This application level course is for juniors and seniors who have a strong interest in a human services career providing family, community or consumer services. Career Connections will focus on building individual student's career and employability skills from basic job-seeking to the finalizing of career portfolios. Students may complete projects in the classroom to enhance professionalism, soft skills and support general employability skills. Guest speakers from various human service industries will share professional experiences and advice to help prepare students for transition into career and college.

### Career & Life Planning

**REQUIRED 9th Grade**  
**Credit:** 1/2  
**Grades:** 9, 10, 11, 12

In the Career and Life Planning course, students will begin to develop skills and strategies which are helpful to become more focused and productive individuals. Students will be involved with projects that emphasize goal-setting; decision-making; time management; energy values and character, while identifying alternatives, choices, and coping strategies. Students will explore various career choices. Career portfolios will be started and developed.

## Carpentry I

Credit: 1

Grades: 9, 10, 11, 12

Fee: \$20.00

A comprehensive course designed to instruct students in basic carpentry knowledge and skills required for construction of residential structures.

## Carpentry II

Prerequisite: Residential Carpentry I

Credit: 1

Grades: 10, 11, 12

FEE: \$20.00

An advanced comprehensive course designed to instruct students in the complete building trades of residential, home improvement and commercial construction.

## Ceramics I

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$20.00

Students entering this introductory course will learn many of the aspects of hand-built ceramics. The class will progress from simple techniques such as pinch forming and move on to coil and slab built forms. Class members are encouraged to start learning how to throw using a potter's wheel. A variety of decoration and glazing techniques will be taught as well as taking a project to completion.

## Certified Nurse Aide

Prerequisites: Application & Counselor Approval

Credit: 1

Grades: 11, 12

This course provides classroom and clinical instruction for the primary care of clients in long-term and acute-care facilities. Students learn skills for daily hygiene, bedside care, vital sign measurement, positioning and safe transfer of clients. This class prepares and schedules the student to take the C.N.A. examination. 96 contact hours.

## Chamber Orchestra

Prerequisite:

- \* Audition ONLY
- \* Demonstrate sufficient ability to play a violin, viola, cello or double bass through the audition process
- \* OR Director's approval to enroll.

Fulfills Fine Arts Requirement

Credit: 1—may be repeated for credit

Grades: 9, 10, 11, 12

Membership in this course is by highly-competitive audition or director approval only. This advanced ensemble requires students to attend rehearsals and performances beyond regular class time as part of the credit and grade earned. Members of this select group are eligible to audition for KEMA and area youth orchestras, and all Chamber Orchestra members are strongly encouraged to participate in the KSHSAA Solo and Ensemble Festival each spring. The Chamber Orchestra collaborates with both the GEHS Choir to perform at least one masterwork each school year and with the select Wind Ensemble members to form the GEHS Symphony Orchestra.

## Chemistry

Prerequisite: Biology and Algebra II OR Concurrent Enrollment

Credit: 1

Grades: 10, 11, 12

This course is for the students who are college bound and want preparation for college level chemistry. This course meets the requirement for qualified admissions for regents institutions. The curriculum will include, but is not limited to, units in scientific method, lab safety, measurement, atomic theory, periodicity, bonding, nomenclature, stoichiometry, classification of chemical reactions, gas laws, acid/base reactions, and redox reactions. Learning activities will center around lecture/demonstration, readings from the text and laboratory investigations.

## Community Connections

Prerequisite: Complete 2 full credits in Family, Community & Consumer Services Pathway

Credit: 1/2

Grades: 11, 12

This course is for juniors and seniors who have a strong interest in a human services career area which support the family, community, and consumer. Community Connections will focus on exposing students to professional organizations in the area of human services, family needs, community resources and consumer services. Students will engage in community service and philanthropy through volunteering and service projects. This course will focus on advocacy and service while practicing empathy, respect for diversity, and relationship building. Students will complete projects in the classroom and participate in community service projects. **The student may participate in advanced projects away from the school setting. These students will be personally responsible for transportation to their work site.**

## Competitive Debate

Prerequisite: Debate and Argumentation

Fulfills Communication Arts Requirement

Credit: 1/2 - may be repeated for credit

Grades: 10, 11, 12

This class will consist of those students who are dedicated and devoted to the inter-scholastic activity of debate. These students who will represent GEHS in debate tournaments. Students who complete this class will be master debaters with refined logic/reasoning skills, speaking skills, research skills and organization skills to name a few. Students may letter in this activity if they meet the required criteria throughout the semester. **This class does require Saturday tournaments as well as after school practices.**

## Computer Applications I

Credit: 1 (Semester Course)

Grades: 9, 10, 11, 12

This is a great course for any student as they explore business and personal uses of a computer. Students will be introduced to word processing, database, spreadsheets, and presentations. Students will also improve their file management and keyboarding skills. Students will have the opportunity to obtain MOS Certifications in Word, Excel and Access.

### **Computer Science I**

**Prerequisite:** Computer Apps I

**Credit:** 1

**Grades:** 10, 11, 12

This course introduces students to application development by utilizing programming language Java. Students will develop a strong foundation in creative problem solving, growth in higher-level logical thinking, all while obtaining essential programming experience. Time will be spent discovering the career world of computer programming.

### **Concert Choir**

**Prerequisite:** Non-Audition tenor/bass voice

**Fulfills Fine Arts Requirement**

**Credit:** 1—may be repeated for credit

**Grades:** 9, 10, 11, 12

**FEE:** \$20.00 plus shoes and accessories

Students will demonstrate proper vocal techniques, perform literature from various periods and cultures, understand basic music theory, and display leadership in all aspects of performance. This choir is comprised of freshman tenor and bass voices. Students who participate in this choir will be required to attend all rehearsals and performances beyond the regular class time.

### **Concert Orchestra**

**Prerequisite:**

- \* Student must be a member of this school system's orchestra program or transfer from another district's orchestra program.
- \* Demonstrate sufficient ability to play a violin, viola, cello or double bass through the audition process
- \* OR Director's approval to enroll.

**Fulfills Fine Arts Requirement**

**Credit:** 1—may be repeated for credit

**Grades:** 9, 10, 11, 12

Concert Orchestra is designed as a freshmen ensemble centered on strengthening fundamental skills while learning key techniques required by successful musicians, but the class is open by director approval to orchestra students in any grade. This is a performing ensemble which requires students to attend rehearsals and performances beyond regular class time as part of credit and grade earned. Members are eligible to audition for KMEA and area youth orchestras and participate in the KSHSAA Solo and Ensemble Festival.

### **Consumer & Personal Finance**

**Credit:** 1/2

**Grades:** 10, 11, 12

Consumer & Personal Finance provides students with an understanding of the concepts and principles involved in economic financial literacy. The focus will be on learners becoming informed and knowledgeable consumers for themselves and their families. Topics will include savings and investing, credit, insurance, taxes and social security, spending patterns and budget planning, problem solving and critical thinking, contracts and current issues (local, state and global).

### **Consumer Math**

**Does not meet Qualified Admissions NOR Regents Recommended Curriculum**

**Prerequisite:** Successful completion of Algebra I and Informal Geometry OR Geometry

**Credit:** 1

**Grades:** 11, 12

This course is designed to expose students to a variety of consumer and personal finance situations. It provides examples while building skills associated with particular problems. It helps students choose appropriate calculation methods while developing problem-solving in practical consumer-related life situations.

### **Creative Writing I**

**Credit:** 1/2

**Grades:** 9, 10, 11, 12

This introductory course offers student writers the opportunity to create written ideas in a number of different areas. Types of work created through-out the semester vary from poetry to short stories, etc. Student writers receive instructor and peer feedback while expressing individual creative thoughts. Published creative writings are analyzed and used as models for student ideas in class.

### **Creative Writing II**

**Prerequisite:** Creative Writing I

**Credit:** 1/2

**Grades:** 9, 10, 11, 12

This advanced course continues the creative ideas cultivated in Creative Writing I. Student writers create their own works, response essays and journals while receiving instructor and peer feedback.

### **Culinary Applications**

**Prerequisite:** Culinary Arts II, Baking & Pastry II, or Event Planning and Management

**Credit:** 1

**Grades:** 11, 12

**FEE:** \$50.00

This course applies the skills needed in the culinary arts profession. It includes the application of skills within a school-based, community-based experience or work-based internship and will cover an introduction of all aspects of an industry. 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.

### **Culinary Arts I**

**Prerequisite:** Culinary Prep I

**Credit:** 1

**Grades:** 10, 11, 12

**FEE:** \$50.00

This course integrates the knowledge, skills and practices required for careers in the restaurant industry. Topics include the sources, symptoms and prevention measures for common food illnesses, basic stocks and mother sauces, correct use of food production equipment, production basics as well as organization and receiving, kitchen safety, sanitation, beginning knife skills, and facility management principles. Students will also begin to develop culinary skills for a variety of food products.

## Culinary Arts II

**Prerequisite:** Culinary Arts I—Application Required

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$25.00

This course builds on the Culinary Arts I course by expanding student knowledge, skills and practices. Where Culinary Arts I focused on beginning culinary skill development, Culinary Arts II expands those skills as well and adds topics such as event management (catering), internal and external customer service, kitchen management, large scale production, and exploring international cuisine.

## Culinary Prep I

**Credit:** 1/2

**Grades:** 9, 10, 11, 12

**FEE:** \$25.00

This course is the first of a series that will prepare students for careers or post secondary programs related to the Culinary Arts/Baking and Pastry business and industry. Students will expand on skills learned in Culinary Arts II. They will implement safety and sanitation standards as well as more advanced techniques required in food preparation. It will also further explore international cuisine and begin the basics of high end cuisine. This class is strongly recommended for the Culinary Arts program. **Application Required.**

## Culinary Preparation II

**Prerequisite:** Culinary Preparation I

**Credit:** 1

**Grades:** 10, 11, 12

**FEE:** \$50.00

Students will learn creative cooking techniques designed to serve foods with a flair. There is an added emphasis on gourmet specialties, garnishes, international cooking, and entertaining.

## Current Social Issues

**Prerequisite:** NONE

**Credit:** 1/2

**Grades:** 11, 12

A course designed around the study of current world events, global issues, global decision making, regional studies and geography. Developing an awareness of contemporary problems can lead to increased acceptance of the complex role Americans play in an increasingly interdependent world.

## Custom Refinishing A

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$10.00

An advanced application level course designed to provide students with the skills needed to perform diagnosis and repair in custom refinishing.

## Custom Refinishing B

**Prerequisite:** Custom Refinishing A

**Credit:** 1/2

**Grades:** 11, 12

**FEE:** \$10.00

An advanced application level course offering students further opportunities for creative applications in custom refinishing.

## Debate and Argumentation

**Fulfills Communication Arts Requirement**

**Credit:** 1/2

**Grades:** 9, 10

This class will focus on learning the basics of debate as well as general argumentation skills, research skills, and speaking skills. This class is a prerequisite for Competitive Debate.

## Digital Photography I

**Fulfills Fine Arts Requirement**

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$35.00

Digital Photography I provides students with the opportunity to effectively communicate ideas and information via digital photography. Students develop skills in photographic techniques and the use of digital photographic equipment. Topics and photo assignments cover composition techniques, shutter speed and aperture (depth of field) settings, lighting techniques, ISO and white balance. Students will also be introduced to Photoshop and basic editing techniques. Time will also be spent discovering the career world of photography.

## Digital Photography II

**Prerequisite:** Digital Photography I

**Fulfills Fine Arts Requirement**

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$35.00

This advanced course uses digital imaging to create and manipulate photo images. Digital cameras, computers, software, and storage devices will be used to capture digital photographic images satisfying a series of assignments designed to develop advanced skills and competencies. Students will be given advanced opportunities to develop competence in the use of digital photographic equipment, Adobe Photoshop, Bridge and Lightroom software, and various other materials for photo manipulation. Time will also be spent discovering the career world of photography.

## Drafting/CAD

**Prerequisite:** Grade 9—Algebra I

**Grades 10, 11, 12—NONE**

**Credit:** 1

**Grades:** 9, 10, 11, 12

This course covers the basics of computer-aided drafting with units in lettering, measurement, scaling, orthographic projection, isometric, dimensioning, sections, development, 3d modeling and an introduction to Architectural Drawing.

## Earth and Space Science

**Prerequisite:** Physical Science or Biology

**Credit:** 1

**Grades:** 11, 12

This course involves the study of the processes that formed and changed our planet. This class includes a survey of meteorology, astronomy and geology. Students will use technology to relate content to real-world situations, along with some hands-on activities. Students must be able to work out basic algebraic expression, chemistry problems and physics concepts.

### **Educational Trainer**

**Prerequisite: Information Support & Services**

**Credit: 1**

**Grades: 11, 12**

The Educational Trainer course provides instruction and practice for students who can train teachers, peer and community in the effective integration of technology. Training on various technology tools, professional demeanor, customer service, and troubleshooting are specific areas that will be included.

### **Electrical & Security Systems**

**Prerequisite: Carpentry I**

**Credit: 1/2**

**Grades: 11, 12**

**Fee: \$10.00**

A course designed to instruct students in the basic skills required for installation of electrical and security systems.

### **ELL—English Language Learner**

**Prerequisite: Placement by counselor**

**Credit: 1**

**Grades: 9, 10, 11, 12**

This class is designed for students who are learning English as their second language. To participate in the class, a student must qualify for the program by taking the IPT (Idea Proficiency Test) or was already placed in an ELL program at a previous school. This class provides support to students in their core classes and is designed to help them to meet graduation requirements as they improve their English language proficiency in the areas of reading, speaking, writing and listening. Students will take a yearly proficiency exam in the spring of the year to track their progress for monitored status and possible exit from the program.

### **English 9**

**REQUIRED**

**Credit: 1**

**Grades: 9**

This course includes a study and review of grammar usage and vocabulary development. The course also focuses on strengthening reading and writing skills as well as viewing, listening, and public speaking. Students continue to use the Common Core writing model. Extensive reading of a variety of literary selections containing universal themes will be used.

### **English 10**

**REQUIRED**

**Credit: 1**

**Grades: 10**

This course includes study in writing, reading, and continued development of grammar usage and vocabulary development. Emphasis is placed on continued development of the Common Core writing model through a variety of writing assignments. Students will study literature in various genres with universal themes, with practice in viewing, listening and speaking.

### **English 11**

**REQUIRED**

**Credit: 1**

**Grades: 11**

English 11 will include listening and communication skills, various essay writing; and continued use and practice of the common Core writing model. Emphasis on writing will be achieved through essay test questions and thematic writing assignments. Reading selections by various American authors with universal themes will be taught during this course.

### **English 12**

**REQUIRED**

**Credit: 1**

**Grades: 12**

English 12 is a full-year course that integrates all the components of Language Arts: writing, speaking, literature, and listening. While modern fiction and nonfiction texts are explored, an emphasis is placed upon reading for lifelong pleasure and practical, real-world reading skills. This course incorporates a career component with emphasis on effective applied communication. Resumes, work and college applications, interview techniques, current work, and school related topics will be studied.

### **Entrepreneurship**

**Credit: 1/2**

**Grades: 9, 10, 11, 12**

This course will enable you to understand how small businesses are started, operated, and maintained. Entrepreneurship students will learn about their own aptitudes and apply this knowledge with their learning experience of what it takes to launch their own business. Skills, abilities and attitudes necessary to successfully create and operate a business will be the main focus of this course. Students will explore the free enterprise system through a combination of case studies and business-building projects. This is a very quick-paced, project-based course.

### **Environmental Science**

**Prerequisite: Biology**

**Credit: 1/2**

**Grades: 10, 11, 12**

Ecology, from the Greek word "oikos" which translates to "house" or "place", is the study of how both abiotic and biotic environmental factors interact with each other. In Environmental Science, students will study how organisms and the environment interact with each other from the large scale of the biosphere down to a single organism. With an understanding of these interactions, we can better understand human relationships with the environment. The course will emphasize real life, hands-on field experiences relating to everyday environmental topics.

### **Event Planning and Management**

**Credit: 1/2**

**Grades: 9, 10, 11, 12**

**FEE: \$25.00**

This course provides students with the knowledge and skills related to event planning and implementation process. It includes establishing client relationships, the importance of communication, planning process, resource management, quality service and staffing issues.

### **Exploring Teaching**

**\*May be taught as a double block**

**Prerequisite: Career & Life Planning, Family Studies and Human Growth & Development**

**May be concurrently enrolled in Human Growth and Exploring Teaching**

**Credit: 1**

**Grades: 11, 12**

This course is an opportunity for students to consider teaching as a career and all that involves. The class introduces applications within the teaching & training profession, exploring education licensure and ongoing employment, exposure to legal and ethical issues, environmental structure and culture, factors affecting education, classroom management strategies, curriculum planning, principals and theories of education and differentiation strategies for special education.

### Family Studies

**Prerequisite:** Human Growth & Development

**Credit:** 1/2

**Grades:** 10, 11, 12

Family Studies reflects the transition of the family for the 21st Century learner as it helps students learn about family dynamics, the roles and responsibility of family members and how parent responses shift throughout the family life cycle. Course content may include responsibilities and difficulties of parenthood and families across the life span; fundamentals of various ages and stages of childhood, adolescent and adult development; and the appropriate care of infants, children, young adults and aging parents. This course participates in the RealCare Baby Parenting Program.

### Field Biology

**Prerequisite:** Biology

**Credit:** 1/2

**Grades:** 10, 11, 12

Field Biology is designed for those students who desire to gain more understanding and appreciation for native plants and animals. Students will become more familiar with both terrestrial and aquatic habitats through species identification and population studies. Students will also examine how human impact has affected these native plants and animals.

### Forensics

**Prerequisite:** Intro to Forensics

**Fulfills Communication Arts Requirement**

**Credit:** 1/2—may be repeated for credit

**Grades:** 9, 10, 11, 12

This class is for the creative at heart, or the actor, or the story teller, or the true speaker. This class is a competitive educational activity designed to teach students the basic elements of speech contest preparation, refinement of speaking and oral interpretation skills, effective use of research and knowledge, and an appreciation for literature and methods of critical evaluation in both speaking and dramatic presentation. The focus of the class is making the printed page "come alive." Students may letter in this activity if they meet required criteria throughout the semester. **This class does require Saturday tournaments as well as after school practices.**

### French I

**Credit:** 1

**Grades:** 9, 10, 11, 12

This is a standard college preparatory course and is part of the Regents Recommended Curriculum linked to state-sponsored scholarships. French I is an introduction to the French language which emphasizes the four skills of speaking, listening comprehension, writing and reading. By the end of the course the student is able to construct sentences in French and express his/her thoughts and communicate in an elementary fashion. French culture, cuisine and lifestyle are explored through experience and/or discussion.

### French II

**Prerequisite:** French I

**Credit:** 1

**Grades:** 9, 10, 11, 12

This is a standard college preparatory course and is part of the Regents Recommended Curriculum linked to state-sponsored scholarship. French II broadens and expands skills begun in French I. Vocabulary is expanded, pronunciation refined and grammatical accuracy improved. By the end of the course the student will have become proficient at sentence building and will be able to converse in French, build paragraphs and comprehend spoken and written French at the intermediate level.

### French III

**Prerequisite:** French I & II

**Credit:** 1

**Grades:** 10, 11, 12

Improved oral and written proficiency is the goal of French III. This is a standard college preparatory course. Students will increase vocabulary greatly and refine grammatical skills. Self-expression, preferences and opinions will be able to be easily communicated by the student by the end of the course. Career opportunities of the bilingual person will be presented and knowledge of the French culture will be deepened.

### Freshman/Concert Band

**Prerequisite:**

- \* Student must be a member of this school system's band program or transfer from some other school band program.
- \* Demonstrate sufficient ability to play an instrument
- \* OR Director's approval to enroll.

**Fulfills Fine Arts Requirement**

**Credit:** 1

**Grades:** 9

**FEE: Uniform Rental & Uniform Accessories**

This course is recommended for freshmen and students with beginning level skills as a preparatory class for the Trailblazer Marching/Symphonic Band. Emphasis the first 9 weeks will be on developing fundamental marching skills necessary for field shows and parades. Students will build on their current knowledge to progress to advanced levels of instrumental music. This group performs at parades, football games, concerts and music festivals. Students need to attend the summer band camp in late July and early August and perform in the Johnson County Fair Parade. Students will be required to attend extra rehearsals outside the classroom as part of the credit or grade received in the course. Band is primarily a performing organization which requires students to attend all rehearsals for band. Students from this group are able to perform in the Pep Bands for both football and basketball athletic events.

### Game Design

**Prerequisite:** Computer Science I

**Credit:** 1

**Grades:** 11, 12

Game Design provides the student with an understanding of the technological and creative aspects of game design. Students will work with GameMaker and/or Unity software. Unity is a platform for creating beautiful and engaging 2D, 3D, VR and AR games and apps. GameMaker is a 2D programming environment that allows students to delve into the creation of games, objects and the manipulation of those objects via drag and drop and programming code. Students may continue working with Java or discover and work with other programming languages with instructor approval.

### General Services I

**Recommended as an Introductory Course**

**Credit:** 1

**Grades:** 9, 10, 11, 12

**Fee: \$20.00**

A comprehensive, technical level course designed to provide students with the basic automotive vehicle system knowledge. This includes systems such as engine operation, brakes, electrical, drivetrain, steering, and suspension. Students will be able to use the latest equipment to understand, diagnose and repair complex vehicle components. The objective of the course is to prepare students for entry-level employment in the field of automotive and light truck service while offering the opportunity for ASE Certifications.

## General Services II

**Prerequisite:** General Services I

**Credit:** 1

**Grades:** 10, 11, 12

**Fee:** \$20.00

A comprehensive, application level course designed to provide students with more in-depth automotive vehicle knowledge as well as more hands-on training to diagnose and repair vehicle systems. This includes systems such as engine performance, advanced brakes, electrical circuits and components, drivetrain, steering, and suspension. The objective of the course is to prepare students for entry-level employment in the field of automotive and light truck service while offering the opportunity for ASE Certifications.

## General Services III

**Prerequisite:** General Services II

**Credit:** 1

**Grades:** 10, 11, 12

**Fee:** \$20.00

A comprehensive, application level course designed to provide students with more in-depth automotive vehicle knowledge as well as more hands-on training to diagnose and repair vehicle systems. This includes systems such as engine performance, advanced brakes, electrical circuits and components, drivetrain, steering, and suspension. The objective of the course is to prepare students for entry-level employment in the field of automotive and light truck service while offering the opportunity for ASE Certifications.

## Genetics

**Prerequisite:** Chemistry

**Credit:** 1/2

**Grades:** 11, 12

Students will learn about basic genetic principles, protein synthesis, meiosis, elements of probability and statistics, human genetic diseases, genetic engineering and modern techniques and procedures used by geneticists today. There are discussions of recent biological research and its impact on social, moral and ethical issues.

## Geometry

**Prerequisite:** Successful completion of Alg I.

**Credit:** 1

**Grades:** 9, 10, 11, 12

This course is designed to help students understand the basic structure of geometry, develop powers of spatial visualization, develop an understanding of mathematical reasoning through several approaches to proofs. Some of the geometric topics touched are similarity, congruence, properties of polygons—with special emphasis on triangles and quadrilaterals, properties of 3-D figures including volume and surface area and other aspects of both coordinate and Euclidian geometry. Through these topics, students will strengthen algebraic skills and gain some knowledge and appreciation for how algebra and geometry complement each other. **A TI-30XIIS calculator is highly recommended.**

## Gifted Education

**Prerequisite:** IEP Team Approval

**Credit:** Varies - May be taken for a semester or full year

**Grades:** 9, 10, 11, 12

This course is available to those students identified as gifted according to the criteria established by the USD #231 Special Services Department and the state of Kansas. The objective of this class is to provide students an opportunity to identify, develop and expand their interests and strengths. The curricular and affective needs of the students are addressed through independent research, college and career exploration, competitive challenges and additional opportunities as defined by the IEP.

## Graphic Design

**Prerequisite:** Graphic Design Fundamentals

**Fulfills Fine Arts Requirement**

**Credit:** 1

**Grades:** 10, 11, 12

**FEE:** \$30.00

This year-long course serves as an extended opportunity for students to use their skills from Graphic Design Fundamentals. In particular, Graphic Design students will work with clients as the designers of Forging Forward Design + Apparel (a school-based enterprise). Students will learn important business/client-oriented skills including, but not limited to: billable hours, invoicing, proofing, branding, etc.

## Graphic Design Fundamentals

**Prerequisite:** Computer Applications or concurrent enrollment

**Fulfills Fine Arts Requirement**

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$30.00

This class is designed to give the student a foundational, working knowledge of techniques, tools, materials, and methods used to create digital communication elements. Students will learn Adobe Photoshop, Illustrator, and InDesign programs and receive training in various design tools which will be used to complete real-world digital communication projects. Time will also be spent discovering the career world of graphic art.

## Guided Study

**Prerequisites:** B.A.T. Team Approval

**Credit:** 1/2

**Grades:** 9, 10, 11, 12

Students will work to improve academic performances through study skills, reading strategies, and problem-solving.

## Health Education

**REQUIRED**

**Credit:** 1/2

**Grades:** 10

The following topics will be covered: Health Choices and Behavior, Emotional Health; Stress and Stress Management; Emotional Problems; Suicide Prevention; Nutrition; Drugs of Abuse; Alcohol Use and Abuse; Tobacco; Fitness; Relationships, Commitment & Marriage.

## Honors Algebra II (Weighted Course)

**Prerequisite:** A/B Average in Algebra I and Geometry.

**Credit:** 1

**Grades:** 9, 10, 11, 12

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Honors Algebra II is a more rigorous version of the standard course and is designed for those students intending to take Pre-Calculus and/or Calculus. Material in the honors course that is not part of the standard Algebra II class includes an extensive study of the exponential, logarithmic, and rational functions; simplifying rational expressions; solving rational equation; and arithmetic and geometric sequences and series. The pace and work required of this course is more rapid and more challenging than the standard course.

**A TI-84 graphing calculator is highly recommended.**



### Honors American Government (Weighted Course)

Credit: 1/2

Grades: 12

College Now Credit available

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Honors American Government includes a study of political philosophies and processes applied to the modern world. Emphasis will be on constitutional law; civil rights; the executive, legislative, and judicial processes; and political action for both the people and the candidates who involve themselves in the political process. At the conclusion of this course, the students will demonstrate the ability to function as a participatory citizen in the American Democracy.

### Honors Chemistry (Weighted Course)

Prerequisite: Biology A/B Average in Geometry and Algebra II OR Concurrent Enrollment

Credit: 1

Grades: 10, 11

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Honors Chemistry is a more rigorous version of the standard course. It is highly recommended for those that are interested in taking AP Chemistry. Honors Chemistry is a deeper immersion into chemistry concepts and will cover content such as Nuclear Chemistry, Kinematics, and Intermolecular Forces that is not included in the standard course. Students will participate in inquiry laboratories, discussions, collaboration, real world investigations, demonstrations, lectures, and research. It is an excellent preparation for any students that are interested in science related college degrees or careers.

### Honors English 9 (Weighted Course)

Credit: 1

Grades: 9

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

HN English 9 includes a study and review of grammar usage and extended vocabulary development. The course also focuses on more challenging reading and writing skills as well as viewing, listening and public speaking. Students continue to use the Common Core writing model. Extensive reading of a variety of challenging literary selections will be used.

### Honors English 10 (Weighted Course)

Credit: 1

Grades: 10

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Honors English 10 includes intensive study in writing, reading and continued development of grammar and vocabulary usage. Emphasis will be placed on improvement in writing and literary analysis. Students will study challenging literature in various genres with universal themes.

### Honors English 12 (Weighted Course)

Prerequisite: NONE (HN Eng. 9, HN Eng. 10 & AP Eng. 11 recommended)

Credit: 1

Grades: 12

College Now Dual Credit: Composition 121 & 122

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Students in this college-level course will be expected to write in class daily and will complete four to six academic essays including one research-based documented essay per semester. Essays written for this course should clearly communicate a central idea or thesis, contain sufficient detail to be lively and interesting, reflect the voice of the writer, and demonstrate mastery of standard written English. Through studying published essays which serve as exemplars for their own writing, students will develop skills in all phases of the writing process: pre-writing & planning, drafting, revising and editing. Composition I (first semester) focuses on developing students' academic writing skills through writing expository text; the primary emphasis will be writing essays that describe, explain, inform, and/or analyze. Composition 2 (2nd semester) focuses on writing academic arguments and using research sources to appropriately and ethically support argumentative claims. Students will further develop their skills in gathering, evaluating, and synthesizing information gathered from a variety of research sources. **Students must take the JCCC writing assessment or submit an ACT score of 19 or higher before enrolling for the dual credit component through Johnson County Community College.**

### Honors French IV (Weighted Course)

Prerequisite: French III with a grade of C or better

Credit: 1

Grades: 11, 12

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This is a standard college preparatory course. In this course continued improvement in the areas of fluency and listening comprehension is stressed. The student continues to increase vocabulary and refine grammatical skills for use in everyday speech, writing and for creative endeavors such as plays, writing magazines and stories and translating children's stories.

### Honors Physics (Weighted Course)

Prerequisite: Algebra II OR HN Algebra II can be concurrent

Credit: 1

Grades: 12

College Now Credit is available

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

Students will learn the fundamentals of selected areas of classical physics. This class uses concepts learned in algebra and trigonometry to help students develop and work through the topics of mechanics (1 and 2 dimensional motion and forces), energy, heat and thermodynamics, and waves.

### Honors Pre-Calculus (Weighted Course)

**Prerequisite:** A/B average in Algebra II or C or higher in HN Algebra II

**Credit:** 1

**Grades:** 10, 11, 12

**Eligible for College Now Credit**

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This course is designed to prepare a student for a college-level calculus course. It is a combination of trigonometry and elementary analysis. During the trigonometry portion, students will learn all trigonometric functions, formulas, equations and then apply them to realistic situations. During the analysis portion, students will be introduced to such things as limits of functions, sequences and series and derivatives. **A TI-84 graphing calculator is highly recommended.**

### Honors Quickstep College Algebra on GEHS campus (Weighted Course)

**GEHS Prerequisite:** Algebra II

**JCCC Prerequisite:** 25 on the ACT Math Test or 66 on the JCCC Compass Test.

**Credit:** 1

**Grades** 10, 11, 12

**Students are required to purchase their own textbook.**

**Price is approximately \$70.00.**

**Eligible for College Credit**

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This course focuses on the study of functions and their graphs, techniques of solving equations, and the recognition and creation of patterns. Students will analyze and graph functions, including constant, linear, absolute value, square root, polynomial, rational, exponential, and logarithmic functions, and nonfunctions; solve equations and inequalities, including polynomial equations, exponential equations, logarithmic equations, systems of linear equations, and systems of linear inequalities; and analyze and create algebraic and numerical patterns. MOST college degrees require College Algebra. This is a great way for students to get this credit before leaving high school. **A TI-84 graphing calculator is highly recommended.**

### Honors Spanish IV (Weighted Course)

**Prerequisite:** Spanish III with a grade of C or better

**Credit:** 1

**Grades:** 11, 12

**This course earns a weighted grade and requires more in-depth study of the curriculum. Students should carefully consider the extra time needed for this challenging course.**

This course is designed to perfect the study of grammar and to continue developing the four skills: reading, writing, speaking and listening. On-going emphasis is placed upon increasing the student's vocabulary. Students will gain a fine appreciation of Hispanic cultural differences as well as the relationship between Spanish and other high school studies.

### Human Growth and Development

**Credit:** 1/2

**Grades:** 10, 11, 12

In the Human Growth and Development course students learn about physical, cognitive/intellectual, emotional, social, and moral/spiritual growth and development of infants, children, adolescents, young adults, adults and the elderly. Students complete projects that emphasize the many changes of the individual in their development across the life span.

### Humanities of the Medieval & Renaissance

**Prerequisite:** English 9, 10, World History

**Credit:** 1/2

**Grades:** 11, 12

An in-depth study of the Medieval and Renaissance time periods, focusing on art, literature, history, and music. This course provides students with increased knowledge and appreciation of these times while preparing the students for upper-division work.

### HVAC Technology

**Prerequisite:** Carpentry I

**Credit:** 1/2

**Grades:** 10, 11, 12

**Fee:** \$10.00

A course designed to provide students with exposure to and training in the theories, equipment and skills needed to install and maintain HVAC systems.

### Informal Geometry

**Prerequisite:** Successful completion of Algebra I.

**Does not meet Qualified Admissions NOR**

**Regents Recommended Curriculum**

**Credit:** 1

**Grades:** 10, 11, 12

This course is designed for students to gain the concepts of geometry with limited use of proofs. Students will gain knowledge in line and triangle relationships, area, volume, surface area, similarity and congruence. Students will also concentrate on the characteristics of polygons, especially quadrilaterals.

### Information Support and Services

**Prerequisite:** Computer Apps I

**Credit:** 1

**Grades:** 10, 11, 12

This course prepares students to assist USD 231 Chromebook users by diagnosing their problems, making repairs, and maintaining security requirements. In this high-paced and intellectually demanding course, students work individually and in teams to develop an understanding of computer system technology design and support maintenance. Students learn the basics of computer operations maintenance, upgrades and troubleshooting. These skills and concepts are explored in professional contexts, which lead to an understanding of pathway skills in Information Support and Services.

### Information Support Project Management & Resource Scheduling

**Prerequisite:** Computer Apps I

**Credit:** 1

**Grades:** 10, 11, 12

This course provides students with the information and skills necessary for success in managing projects and operating logistical ventures in technology, business, and industry. This course covers scheduling of resources (including personnel, budget, timelines and equipment), utilization of Gantt charts, economic principles within the workplace, decision-making, and building leadership skills. These courses may also incorporate a survey of the career within technology and engineering industries.

### Interior Design Essentials

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$15.00

Design Essentials is the first course to introduce students to and expand upon the various aspects of the design industry. Concepts covered will include elements & principles of design, textiles and production processes as well as provide discussion and exploration of career opportunities.

### Interior Design I

Prerequisite: Design Essentials

Credit: 1/2

Grades: 10, 11, 12

FEE: \$25.00

Interior Design I is a course that will focus on the design industry with an emphasis on interior design concepts. Topics will include design history, accessories, application of design elements and principles and drafting skills. Projects are integrated throughout the course to provide authentic applications in design basics, color, lighting, furniture styles and designs.

### Interior Design II

Prerequisite: Interior Design I

Credit: 1/2

Grades: 10, 11, 12

FEE: \$40.00

Interior Design II will prepare students for career and/or post-secondary programs related to housing and the residential design industry. Students will have the opportunity to explore and experience career options and create projects that focus on meeting a client's needs and professional presentations.

### Interior Design Studio

Prerequisite: Interior Design II

Credit: 1

Grades: 11, 12

FEE: \$40.00

Interior Design Studio is for the student who has an interest in the design industry. Students will create a variety of studio projects to serve as real world application to the profession. Areas of interest will offer an extended learning opportunity for students to apply communication, leadership, employability, cooperative learning, business etiquette and professional presentation skills.

### Intermediate Algebra

Prerequisite: Successful completion of Geometry or Informal Geometry

Credit: 1

Grades: 9, 10, 11, 12

Does not meet Qualified Admissions NOR Regents Recommended Curriculum

This course is designed to provide a transition to the Algebra II course for the following year. Instruction emphasizes fundamental concepts in the Algebra II curriculum while reinforcing those Algebra I skills which are essential for the understanding of Algebra II concepts. **A TI-84 graphing calculator is highly recommended.**

### Intro to Industrial Technology H.S.

Credit: 1/2

Grades: 9, 10, 11, 12

An introductory level course designed to introduce students to basic skills and concepts in the Construction, Manufacturing & Transportation areas. Some units students may complete include: laser engraving, video editing, rocketry, computer graphics, audio editing, photo editing, basic tools, drafting, workplace safety and bridge design.

### Intro to Tech Theater

Prerequisite: Intro to Theatre

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit with teacher approval

Grades: 10, 11, 12

Spring Semester ONLY

Beginning students will make practical application of the design and production process from reading the script to running a show to striking the set. This course is a working lab during which all technical support for school theatrical productions will take place. Students will study and produce technical elements of theater such as lighting, scenery, props, costume and sound.

### Introduction to Forensics

Fulfills Communication Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

This course studies the art of performance through acting, speaking, and interpretation of prose and poetry. This class will expose students to the nine events that compose Forensics. Students will learn how to write speeches and introductions, how to analyze literature and bring literature to life through performance, and how to develop character and scenes through acting.

### Introduction to Theater

Fulfills Fine Arts Requirement

Credit: 1/2

Grades: 9, 10

A basic course for any student regardless of previous drama/theater experience. Students will explore various aspects of theater, such as acting, researching, critiquing, & history by using a variety of improvisation games, exercises, warm-ups and exploration. Students will gain an appreciation for the theater as its own distinct art form, understand the elements of drama, understand the process of creating a production, evaluate live theater, and gain a broad knowledge of concepts related to the theater. Students are required to read scripts & attend 2 live theatrical performances outside of class.

### Introduction to Welding

Credit: 1/2

Grades: 9, 10, 11, 12

An introductory level course designed to instruct students in basic welding skills.

### Jewelry & Metalsmithing

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$20.00

This class is an introduction to the process of designing and constructing jewelry projects. We will start with basic techniques involved in metal working. Students will learn to properly identify and use tools specific to the medium. Techniques will involve pewter casting, soldering, enameling and ring making. Students are expected to follow all safety rules and may not move on to a new project until skills and techniques are completed.

### Learning Center

Prerequisite: IEP Team Approval

Credit: Varies

Grades: 9, 10, 11, 12

An individualized education plan is developed for each student. The focus of Learning Center is to work on the goals and objectives in the IEP as well as in the following areas: study skills, reading, math for everyday living and job acquisition skills.

### **Lifetime Fitness**

**Credit: 1/2**  
**Students are limited to 2 PE classes a semester**  
**Grades: 9, 10, 11, 12**

Students will focus on fundamental components and principles of lifetime fitness. The course examines safety guidelines, proper technique, hydration, exercise, and principles to maintain a level of lifetime fitness. Students will assess their current level of fitness in relation to the five components of physical fitness: flexibility, cardiovascular health, muscular strength, muscular endurance, and body composition. Students will also learn strategies to help them begin, design, and maintain an exercise program/plan in the future.

### **Madrigal Choir**

**Prerequisite: Audition only**  
**Fulfills Fine Arts Requirement**  
**Credit: 1– may be repeated for credit**  
**Grades: 9, 10, 11, 12**  
**FE: \$50.00 plus shoes & accessories**

Students will demonstrate advanced vocal technique, perform literature from various periods and cultures, understand advanced music theory, and display leadership in all aspects of performance. Some staging will be incorporated into the repertoire. Students selected to participate in this choir will be required to attend all rehearsal and performances beyond the regular class time as part of the class grade. State music festival will be covered in this course.

### **Manufacturing Processes**

**Prerequisite: Recommend Intro to Welding or Production Blueprint Reading**  
**Credit: 1**  
**Grades: 10, 11, 12** **Fee: \$20.00**

A comprehensive, technical level course to instruct students in the knowledge and skills common to all manufacturing occupations. (Designed to be taught prior to the occupationally specific courses in drafting, machining, metals, cabinetmaking and welding.)

### **Marketing Applications**

**Prerequisite: Principles of Marketing**  
**Credit: 1**  
**Grades: 11, 12**

Students will get hands-on experience while running the School Store which furthers student understanding and skills in the various marketing functions. Students coordinate channel management with other marketing activities, discuss the nature of marketing plans, generated product ideas, coordinate activities in the promotional mix, and demonstrate specialized sales processes and techniques. Economic and financial concepts are also stressed throughout the course. Current technology will be used to acquire information and complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills.

### **Mass Production I**

**Credit: 1**  
**Grades: 10, 11, 12** **Fee: \$20.00**

A comprehensive, technical level course designed to instruct students in the knowledge and skills required for fabricating products using a variety of materials (wood, plastic, metal, composites).

### **Mass Production II**

**Prerequisite: Mass Production I**  
**Credit: 1**  
**Grades: 10, 11, 12** **Fee: \$20.00**

An application level course which builds on skills learned in Mass Production I and is designed to instruct students in advanced knowledge and skills required for fabricating products using a variety of materials (wood, plastic, metal, composites).

### **Music Theory/History I**

**Prerequisite: Band or Choir or teacher approval**  
**Credit: 1**  
**Grades: 9, 10, 11, 12**

This course will teach the basic of music theory and history. The goal is to bring students to a beginning college level understanding of both theory and history. Students will be assessed through assignments, projects, and tests.

### **Newspaper I: Media Production**

**Prerequisite: 21st Century Journalism OR Digital Photo I AND Instructor Approval**  
**Credit: 1**  
**Grades: 10, 11, 12**

Students will practice digital storytelling skills, building upon what they learned in 21st Century Journalism. Students will investigate and communicate about school, community and national events, through reporting, design and photography. Students will learn the skills needed to work with digital media, both print and digital news media. The newspaper staff is a leadership role in the school and staff members are encouraged to be visionary thinkers and practice ethical use of technology, students' rights and the First Amendment. Teamwork, cooperation, dependability and time management are important to success in this course. Students are required to work on the publication after school and evenings, sell advertisements and participate in other fundraising as needed in order to help finance the publication.

### **Newspaper II: Media Production**

**Prerequisite: Newspaper I AND Application**  
**Credit: 1**  
**Grades: 11, 12**

This is an advanced course in digital media production for public presentation. Students take on editorial leadership roles and have increased responsibility in content and design decisions, related to producing the print and online newspaper. The newspaper staff is a leadership role in the school and staff members are encouraged to be visionary thinkers and practice ethical use of technology, students' rights and the First Amendment. Teamwork, cooperation, dependability and time management are important to success in this course. Students are required to work on the publication after school and evenings, sell advertisements and participate in other fundraising as needed in order to fund the publication.

## Nutrition & Wellness

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$25.00

Students will have a variety of experiences exploring the relationship of nutrition and wellness across the life span. We will explore how the foods we eat affect our bodies, lives and families. Students will learn about safe handling of food and sanitation practices while learning the basics of nutrition and wellness. By learning to use and evaluate nutritional and health information in the marketplace, students will be encouraged to become better consumers. Students will explore future career choices in the nutrition and wellness field while considering their impact on families and communities.

## Philharmonic Orchestra

**Prerequisite:**

- \* Audition ONLY
- \* Demonstrate sufficient ability to play a violin, viola, cello or double bass through the audition process
- \* OR Director's approval to enroll.

**Fulfills Fine Arts Requirement**

**Credit: 1—may be repeated for credit**

**Grades: 9, 10, 11, 12**

This performing ensemble requires students to attend rehearsals and performances beyond regular class time as part of the credit and grade earned. Members of the Philharmonic Orchestra are eligible to audition for KMEA and area youth orchestras, and all members are encouraged to participate in the KSHSAA Solo and Ensemble Festival each spring. The Philharmonic Orchestra will collaborate with various musical groups and ensembles including selected members of the GEHS Symphonic Band to form the GEHS Pops Orchestra and with members of the GEHS Choir.

## Physical Education I

**Credit: 1/2 —may be repeated for credit**

**Students are limited to 2 PE classes a semester**

**Grades: 9, 10, 11, 12**

**Suggested Enrollment: Freshmen/Sophomores or student who does not fulfill prerequisite requirements for PE II. Entry level participant looking to fulfill PE requirement.**

PE I could include: team sports, volleyball, basketball, soccer, speed ball, ultimate ball, softball, team handball and a variety of other team games and recreational sports. This class may also include Lifetime Sports elements such as badminton, tennis, ping pong and pickle ball. Other lifetime activities would include horseshoes and possibly a variety of yard games. Students will learn the rules and techniques of each sport and/or activity. **There is a daily fitness element in the class that includes stretching, agility drills and running or jogging in preparation for a required fitness assessment.**

## Physical Education II

**Prerequisite: 2 semesters of PE I or Athletic Development.**

**Exceptions may be made w/ teacher/couns. approval.**

**Students are limited to 2 PE classes a semester**

**Credit: 1/2 —may be repeated for credit**

**Grades: 10, 11, 12**

**Suggested Enrollment: This class is designed for the active participant who enjoys competition.**

PE II could include: team sports, volleyball, basketball, flag football, soccer, ultimate ball, softball, team handball and a variety of other team games and recreational sports. This class may also include Lifetime Sports elements which include badminton, tennis, ping pong and pickle ball. Other activities may include horseshoes and possibly a variety of yard games. Students will learn rules and techniques of each sport and/or activity. **There is a daily fitness element in the class that includes stretching, agility drills and running or jogging in preparation for a required fitness assessment.**

## Physical Science

Credit: 1

Grades: 9, 10, 11, 12

This course teaches the fundamental principles of physics and chemistry. One semester explores energy and its forms: sound, light, heat, mechanical and electricity. Second semester deals with the chemical nature of matter, exploring both physical and chemical properties. Both semesters use everyday applications to make the physical science concepts real.

## Physics

**Prerequisite: Algebra II or HN Algebra II**

**Credit: 1**

**Grades: 11, 12**

Physics is a study of the interaction of matter and energy. In this course we will study the laws of motion, forces, heat, electricity, magnetism, sound and light. The course is designed to make use of several laboratory investigations. The course also goes in depth into using problem solving strategies.

## Plumbing Technology

**Prerequisite: Carpentry I**

**Credit: 1/2**

**Grades: 10, 11, 12**

**Fee: \$10.00**

A course designed to provide students with exposure to and training in the theories, equipment and skills needed to install and maintain plumbing systems.

## Poetry

**Credit: 1/2**

**Grades: 11, 12**

This course focuses on the elements of writing poetry. Students will model components of selected authors and writing strategies presented to write their own poetry. Students will be required to periodically share their work with their peers.

## Principles of Marketing

**Credit: 1**

**Grades: 10, 11, 12**

This course develops student understanding and skills in the functional areas of marketing: channel management, marketing-information management, market planning, pricing, product/service management, promotion, and selling. Students acquire an understanding and appreciation of ethical and legal issues confronting marketers, the use of technology in the marketing functions, marketing strategies, market segmentation, branding, marketing-research activities, quality considerations, the sales process, and current promotional methods.

## Printmaking/Fiber Arts

**Prerequisite: Basic Design**

**Fulfills Fine Arts Requirement**

**Credit: 1/2—may be repeated for credit**

**Grades: 9, 10, 11, 12**

**FEE: \$20.00**

Printmaking and fibers is a semester course that can be taken a number of times with advancement opportunities. The students will study historically and procedurally the multiple levels of printmaking such as recessed and relief printing. This would include techniques used by the old masters and modern time such as photo emulsion, silkscreen, etching and engraving. Students will also experience the multiple types of fiber art such as weaving, tapestry and fiber crafts such as making paper, felting, and basketry.

### **Production Blueprint Reading**

**Credit:** 1/2

**Grades:** 9, 10, 11, 12

An introductory level course to provide students with the knowledge and ability to interpret the lines, symbols, and conventions of blueprints from a variety of industrial applications.

### **Production Welding Processes**

**Credit:** 1

**Grades:** 10, 11, 12

**FEE:** \$20.00

A technical level course designed to instruct students in the knowledge and skills needed to perform welding procedures.

### **Production Welding Processes II**

**Prerequisite:** Production Welding Processes I

**Credit:** 1

**Grades:** 11, 12

**FEE:** \$20.00

An advanced, application level course that builds on skills learned in Production Welding Processes I and provides opportunities for applying welding skills.

### **Project Management and Resource Scheduling**

**Prerequisite:** Instructor Recommendation in Computer Dept. Pathways

**Credit:** 1

**Grades:** 11, 12

The Project Management course provides students with the information and skills necessary for success in managing projects and operating logistical ventures in technology, business, and industry. This course covers scheduling of resources (including personnel, budget, timelines and equipment), utilization of Gantt charts, economic principles within the workplace, decision-making, and building leadership skills. These courses may also incorporate a survey of the career within technology and engineering industries.

### **Psychology**

**Credit:** 1/2

**Grades:** 11, 12

Introduction to Psychology is a dynamic and interactive approach to understanding behavior and mental processes. Activities and hands-on demonstrations accompany such topics as learning, memory, personality, psychological disorders, the brain and five senses, and much more. This introductory course is suited for all students especially those who are college bound.

### **Remodel & Building Maintenance**

**Prerequisite:** Carpentry I

**Credit:** 1/2

**Grades:** 12

**FEE:** \$10.00

This course is an introduction to residential and light commercial remodeling and repair: doors, windows, wallboard, trim, interior and exterior painting, electrical and plumbing.

### **Repertory Theater**

**Prerequisite:** Acting I/II - Director prior approval needed!

**Fulfills Fine Arts Requirement**

**Credit:** 1

**Grades:** 10, 11, 12

This is a performance-centered course of study, which will enhance the theater arts education of the total theater student. Students will advance their knowledge of acting techniques, directing skills, scene study, analysis of dramatic literature and criticism, design, playwriting, and evaluating theater performances. This will be accomplished through the production of one-act plays, which will be student-produced, designed and directed. In addition to the one-acts, students would pursue independent projects requiring a culmination of knowledge of various aspects of theater.

### **Research and Design for Manufacturing**

**Prerequisite:** Instructor's Permission

**Credit:** 1

**Grades:** 11, 12

**FEE:** \$20.00

An application course that incorporates experienced-based learning including IHT, and/or OJT and Internships. Students are required to work with a potential client to research, design and manufacture products.

### **Research and Design for Pre-Construction**

**Prerequisite:** Arch Design

**Credit:** 1

**Grades:** 11, 12

This is an advanced class in the field of architectural drawing and design, CAD, 3d modeling and Architectural Model Building. Emphasis is placed on research for creative and innovative construction.

### **Research & Emerging Trends in Transportation**

**Credit:** 1/2

**Grades:** 10, 11, 12

**FEE:** \$10.00

An advanced research and application course covering specific topics in transportation. Should include opportunities for IHT, OJT and/or Internships.

### **Sculpture**

**Prerequisite:** Basic Design

**Fulfills Fine Arts Requirement**

**Credit:** 1/2—may be repeated for credit

**Grades:** 9, 10, 11, 12 **FEE:** \$20.00

Students will explore many of the varied and wide areas of the world of sculpture. Hands-on projects will include but are not limited to the following materials: clay, metal, plaster, stone and wood. The class will develop a greater understanding and appreciation for sculptural art and out built environment. Students will be allowed to repeat the course for credit as they will continue to advance and learn new techniques and material.

### **Sociology**

**Credit:** 1/2

**Grades:** 10, 11, 12

Sociology is an investigation and analysis of human relationships—their causes and consequences. Emphasis will be placed upon investigating social issues in the local, national, and global environments. The student will be able to recognize the impact of norms, values, and institutions on the individual.

## Spanish I

Credit: 1

Grades: 9, 10, 11, 12

This course introduces students to beginning Spanish vocabulary and grammar. Students will develop basic speaking, reading, writing and listening skills in Spanish. In addition, students will have a good working knowledge of the way of life, customs, food, songs, gestures, etc. in many countries where the language is spoken. Students are introduced to ways in which knowledge of Spanish can enrich their lives, aid in their careers, and how Spanish is related to the other courses studied in high school.

## Spanish II

Prerequisite: Spanish I

Credit: 1

Grades: 10, 11, 12

Spanish II continues from Spanish I and seeks to improve pronunciation, widen vocabulary and make it possible for the student to express himself in more complex sentences than before. The student becomes better acquainted with the Spanish-speaking peoples of the world, their customs and many aspects of their cultures. At this level the student begins to improve reading and verbal skills and begins writing short paragraphs. Comprehension of spoken Spanish also increases. **Recommended that students have successfully passed Spanish I.**

## Spanish III

Prerequisite: Spanish II

Credit: 1

Grades: 10, 11, 12

Spanish III concludes the study of basic grammar and develops the four skills equally with a special emphasis placed on increasing the students' vocabulary by reading, writing, speaking, and listening. The students will also gain a fine appreciation of Hispanic cultural differences as well as the relationship between Spanish and other high school studies. **Recommended students have successfully passed Spanish II.**

## Sports Literature

Credit: 1/2

Grades: 9, 10, 11, 12

This course focuses on exploring universal themes found in the literature of sports such as gender equity, adversity, perseverance, determination, defeat, integrity, and values. Students will be required to respond to literature as well as to films and music studied in class connecting themes discussed. The genres of literature read will be poetry, short story, essay, editorial, and novel. Students will write within the following areas: editorial, persuasive, and narrative.

## Teacher Aide

Prerequisite: Teacher Approval

Credit: 1/4 "K"

Grades: 11, 12

Student aides will assist with a variety of responsibilities.

## Teaching Internship

\*May be taught as a double block

\*It is recommended to be enrolled in a "Teaching" seminar with instructor to allow for extended placement.

Prerequisite: Exploring Teaching

Credit: 1

Grades: 12

Teaching Internship is a practicum experience where the learner is placed in a classroom in which there will be both direct and indirect contact with students. This course allows students to travel to one of our elementary/middle schools to gain experience in the field of teaching. Teaching Internship learners may be asked to help individuals or groups of students, may create and lead a class in mini-lessons, prepare bulletin boards or grade papers. Every effort will be made to place the learner at the grade level and subject field requested. **The learner will be personally responsible for transportation to the work site.**

## Teaching Observation

\*May be taught as a double semester

\*It is recommended to be enrolled in a "Teaching" seminar with instructor to allow for extended placement.

Prerequisite: Exploring Teaching

Credit: 1

Grades: 11, 12

This course is an opportunity for students to gain insight into teaching as a career through observation. Students will participate in structured observations of multiple teachers. Targeted teaching strategies and educational techniques to be observed may include behavior management, lesson design, instructional strategies, student engagement, procedures and physical environment. This course requires students to travel to multiple elementary/middle schools to gain knowledge in the field of education. **The learner will be personally responsible for transportation to the work site.**

## Teen Leadership (Content Based)

Fulfills Communication Art requirement

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$10.00

Want to expand your horizons and become more self-confident? This elective course does this and more. Topics covered include: decision making, public speaking, setting goals, journal writing, conflict resolution and many more skills important to teens. If you strive to improve yourself on a personal level this class will benefit you.

## Teens Offering Peer Support (TOPS)

Prerequisite: Teacher Approval and Application

Credit: 1/2—May be repeated for credit

Grades: 10, 11, 12

Through the use of peer mediated instruction, individuals in class will help one another develop skills in areas such as community involvement, friendships, social skills, peer pressure, goal setting, time management, disability awareness and more. Students with and without disabilities will work alongside each other through role play, community outings, social events and group work.

### **Teens Offering Peer Support (TOPS) PE**

**Prerequisite:** Application Only  
**Credit:** 1/2—may be repeated for credit  
**Grades:** 10, 11, 12

Through the use of peer mediated instruction, individuals in class will help one another develop physical education, teamwork, and overall health and fitness skills. Students with and without disabilities will work together to complete the physical education curriculum with appropriate modifications. Activities may include: team sports, such as volleyball, kickball, softball and basketball; lifetime and recreational sports, such as tennis, ping pong and yard games; and fitness activities such as use of exercise equipment, aerobics and stretching.

### **Trailblazer Marching/Symphonic Band**

**Prerequisite:**  
\* Student must be a member of this school system's band program or transfer from some other school band program.  
\* Demonstrate sufficient ability to play an instrument  
\* OR Director's approval to enroll.  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 10, 11, 12  
**FEE:** Uniform Rental & Uniform Accessories

Students will use marching and instrumental techniques in developing field shows, concerts and music festival performances. This group will compete at parades, field shows and music festivals. Students will be required to attend extra rehearsals outside the classroom as part of the credit or grade received in the course. This course will begin during the summer with band camp in late July or early August and the Johnson County Fair Parade. Band is primarily a performing organization which will require students to attend all rehearsals and performances beyond regular class time as part of the credit or grade received for band. Students from this group are able to perform in the Pep Bands for both football and basketball athletic events. Summer Camp is required for students enrolled in this class, unless permission from the director is obtained.

### **Trailblazer Choir**

**Prerequisite:** Non-Auditioned  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 9, 10, 11, 12  
**FEE:** \$50 plus shoes & accessories

This is a mixed choir focused on part singing. Students will learn and use advanced vocal techniques in developing a repertoire including ballads, blue, swing, jazz, gospel and pop styles. Staging and choreography will be incorporated into the repertoire. Students should be able to demonstrate basic and advanced music theory skills. Leadership skills will be emphasized as this group performs in the community as well as at regular school performances. Students in this choir will be required to attend all rehearsals and performances beyond the regular class time.

### **Treble Choir**

**Prerequisite:** Non-audition treble voice  
**Fulfills Fine Arts Requirement**  
**Credit:** 1  
**Grades:** 9  
**FEE:** \$30 plus shoes and accessories

Students will demonstrate proper vocal techniques, perform literature from various periods and cultures, understand basic music theory, and display leadership in all aspects of performance. This choir is comprised of freshman treble voices. Students who participate in this choir will be required to attend all rehearsal and performances beyond the regular class time.

### **Treble Jazz Ensemble**

**Prerequisite:** Treble students by audition only  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 9, 10, 11, 12  
**FEE:** \$30 plus shoes and accessories

Students will use advanced vocal techniques in developing a repertoire including ballads, blues, swing, jazz, gospel and pop styles. This class will develop various vocal techniques for specific styles of music i.e. jazz, barbershop and a cappella. Students should be able to demonstrate basic and advanced music theory skills. Leadership skills will be emphasized as this select group performs frequently in the community as well as at regular school performances. Students selected to participate in this choir will be required to attend all rehearsals and performances beyond the regular class time. State music contest material will be covered in this course.

### **US History**

**REQUIRED**  
**Credit:** 1  
**Grades:** 11

This course places emphasis on US History from Post-Reconstruction to present. Focus is on the 20th Century development of America as a world power and a modern nation. Study in the course parallels domestic as well as international events and movement. Understanding and developing an appreciation of our cultural heritage and political legacy will help prepare young Americans for active citizenship in an ever changing nation and world.

### **Web Page Design**

**Prerequisite:** Computer Applications and Graphic Design Fundamentals (concurrent enrollment acceptable)  
**Credit:** 1  
**Grades:** 10, 11, 12  
**FEE:** \$10.00

This class is designed to give the student knowledge of techniques, tools, materials and methods used in Web design. Class time will be spent creating web pages using HTML5, CSS, and Adobe Dreamweaver. Additionally, students will learn how to use existing content management systems to help prepare a website to be client-ready. Time will also be spent discovering the career world of Web Design.

### **Web & Digital Communications Project Mgmt.**

**Prerequisite:** Instructor Recommendation in Computer Dept. Pathways  
**Credit:** 1  
**Grades:** 11, 12

This course covers the foundations of project management, including the scheduling of resources (including personnel, budget, time, and equipment), utilization of Gantt charts, economic principles within the workplace, and risk management. This course is intended for student that want to expand their web and web application knowledge. Students will work with instructor to create, plan, and implement a project using skills learned in the course. This is a lab-based class and good attendance and strong work ethic are expected.



## Wind Ensemble

**Prerequisite:** Audition only  
**Fulfills Fine Arts Requirement**  
**Credit:** 1—may be repeated for credit  
**Grades:** 10, 11, 12  
**FEE:** Uniform rental and uniform accessories

As an audition-only class comprised of the most advanced wind and percussion players, this group will both perform high-level concert literature and participate as part of the Trailblazer Marching Band in concert, festival, and competition settings. This class is primarily a performing ensemble which will require students to attend all rehearsals and performances beyond regular class time as part of the credit or grade received. Students from this group are able to perform in the Pep Bands for both football and basketball athletic events. As a part of the Trailblazer Marching Band, this course will begin during the summer **with required band camp** in late July or early August and includes the Johnson County Fair Parade.

## World Geography

**REQUIRED**  
**Credit:** 1/2  
**Grades:** 9

This course is a required one-semester study of the many aspects of Geography. The course will begin with an examination of the tools of geography, as well as the Five Themes of Geography to establish a base to build students' understanding of the world around them. Emphasis will be placed on a study of the physical geography, (major regions of the world, climate, weather, places, etc.) and human geography (the impact of populations on economic growth, the environment, resources, and culture, etc.). In addition, the course will provide a basic framework for understanding macroeconomics. This will include brief surveys of topics such as economic systems, GDP, international trade, and national budgets; student will compare data from different regions to understand diverse global economic situations.

## World History

**REQUIRED**  
**Credit:** 1  
**Grades:** 10

This is a survey course that covers significant events in world history from the Renaissance and Reformation to the present. Emphasis is placed on European history, but other cultural centers are covered. Contains a great deal of geography. This course emphasizes the basic skills of note-taking, listening and analytical thinking.

## World Mythology I

**Credit:** 1/2  
**Grades:** 9, 10, 11, 12

This course provides a variety of studies in the subject of World Mythology with an emphasis on Greek Mythology. Among those areas to be covered are: word origins, ancient geography, and various cultural myths pertaining to creation, conception, life and death.

## World Mythology II

**Prerequisite:** World Mythology I  
**Credit:** 1/2  
**Grades:** 9, 10, 11, 12

This course provides studies in Mythology for various cultures. World Myth II takes what was learned in World Myth I regarding Greek Mythology and expands that knowledge to other world cultures. The class will compare and contrast various cultural myths to Greek Mythology, which many world myths base their own myths off of. Areas covered are: word origins, ancient geography, and various cultural myths pertaining to creation, conception, life and death.

## Yearbook I: Media Production

**Prerequisite:** 21st Century Journalism OR Digital Photo I  
**AND Instructor Approval**  
**Credit:** 1  
**Grades:** 10, 11, 12

Students will practice skills of digital storytelling and study and apply the principles of magazine journalism, including theme development, reporting, photography and layout, in creating the yearbook. Students will use multimedia and become skilled in the use of computerized desktop publishing. They will work collaboratively as a team to develop a production schedule, utilize composition principles, and make appropriate journalistic and artistic choices. Teamwork, cooperation, dependability and time management are important to success in this course. Students are required to work on the publication after school and evenings, sell advertisements and participate in other fundraising as needed to help finance the publication.

## Yearbook II: Media Production

**Prerequisite:** Yearbook I AND Instructor Approval  
**Credit:** 1  
**Grades:** 11, 12

This is an advanced course in digital media production for public presentation. Students take on editorial leadership roles in producing the yearbook and have increased responsibility in content and design decisions related to producing the yearbook. They will work collaboratively as a team to develop a production schedule, utilize composition principles, and make appropriate journalistic and artistic choices. Teamwork, cooperation, dependability and time management are important to success in this course. Students will be expected to work on the publication after school and evenings, sell advertisements and participate in other fundraising as needed in order to help finance the publication.

## Zoology

**Prerequisite:** Biology  
**Credit:** 1/2  
**Grades:** 10, 11, 12

Did you know the first animal on our planet arrived 700 million years ago in the form of a sponge? Throughout this course students will look at the evolution of animals beginning with invertebrates like the sponge and ending with vertebrates such as birds and mammals. Students will study taxonomy, animal physiology and ecology of organisms. Students will develop laboratory research skills both in and out of the classroom as well as perform dissections on various animals.





GEHS

Career Pathway

Strands

2018-2019

# CONSTRUCTION & DESIGN PATHWAY

## Construction Strand

### INTRODUCTORY LEVEL

| Course                         | Credit | Page # |
|--------------------------------|--------|--------|
| Intro to Industrial Technology | .5     | 22     |

### TECHNICAL LEVEL

|             |   |    |
|-------------|---|----|
| Carpentry I | 1 | 14 |
|-------------|---|----|

### APPLICATION LEVEL

|                                 |    |    |
|---------------------------------|----|----|
| *Advanced Materials Technology  | 1  | 9  |
| *Carpentry II                   | 1  | 14 |
| *Electrical & Security Systems  | .5 | 17 |
| *HVAC Technology                | .5 | 21 |
| *Plumbing Technology            | .5 | 24 |
| *Remodel & Building Maintenance | .5 | 25 |

\*Prerequisite—see description

# CONSTRUCTION & DESIGN PATHWAY

## Design Strand

### INTRODUCTORY LEVEL

| Course                         | Credit | Page # |
|--------------------------------|--------|--------|
| Intro to Industrial Technology | .5     | 22     |

### TECHNICAL LEVEL

|                       |    |    |
|-----------------------|----|----|
| Drafting/CAD          | 1  | 16 |
| *Architectural Design | 1  | 11 |
| *Interior Design II   | .5 | 22 |

### APPLICATION LEVEL

|                                         |   |    |
|-----------------------------------------|---|----|
| *Research & Design for Pre-Construction | 1 | 25 |
|-----------------------------------------|---|----|

\*Prerequisite—see description

# ARTS, A/V & COMMUNICATION CAREER PATHWAY

## AV Communications Strand

### INTRODUCTORY LEVEL

| Course                                  | Credit | Page # |
|-----------------------------------------|--------|--------|
| Business Essentials                     | .5     | 13     |
| Computer Applications—1 semester course | 1      | 14     |

### TECHNICAL LEVEL

|                             |    |    |
|-----------------------------|----|----|
| 21st Century Journalism     | .5 | 8  |
| A/V Production Fundamentals | .5 | 12 |
| *Broadcast Journalism I     | .5 | 13 |
| Digital Photography I       | .5 | 16 |
| *Graphic Design             | 1  | 19 |
| Graphic Design Fundamentals | .5 | 19 |

### APPLICATION LEVEL

|                                           |   |    |
|-------------------------------------------|---|----|
| *Broadcast Journalism II                  | 1 | 13 |
| *Broadcast Journalism III                 | 1 | 13 |
| *Newspaper I: Media Production            | 1 | 23 |
| *Newspaper II: Media Production           | 1 | 23 |
| *Project Management & Resource Scheduling | 1 | 25 |
| *Yearbook I: Media Production             | 1 | 28 |
| *Yearbook II: Media Production            | 1 | 28 |

\*Prerequisite—see description

# ARTS, A/V & COMMUNICATION CAREER PATHWAY

## Visual Arts Strand

### INTRODUCTORY LEVEL

| Course                 | Credit | Page # |
|------------------------|--------|--------|
| Basic Design           | .5     | 12     |
| Career & Life Planning | .5     | 13     |

### TECHNICAL LEVEL

|                            |    |    |
|----------------------------|----|----|
| Interior Design Essentials | .5 | 22 |
| *Interior Design I         | .5 | 22 |
| *Interior Design II        | .5 | 22 |

### APPLICATION LEVEL

|                         |    |    |
|-------------------------|----|----|
| *Career Connections     | .5 | 13 |
| *Interior Design Studio | 1  | 22 |

\*Prerequisite—see description

# EDUCATION TRAINING CAREER PATHWAY

## Teacher Training Strand

### INTRODUCTORY LEVEL

| Course                 | Credit | Page # |
|------------------------|--------|--------|
| Career & Life Planning | .5     | 13     |

### TECHNICAL LEVEL

|                                      |    |    |
|--------------------------------------|----|----|
| Family Studies                       | .5 | 18 |
| Human Growth & Development           | .5 | 21 |
| *Exploring Teaching (Double Block)   | 1  | 17 |
| *Teaching Observation (Double Block) | 1  | 26 |

### APPLICATION LEVEL

|                                     |   |    |
|-------------------------------------|---|----|
| *Teaching Internship (Double Block) | 1 | 26 |
|-------------------------------------|---|----|

\*Prerequisite—see description



# FINANCE CAREER PATHWAY

## Business Finance Strand

### INTRODUCTORY LEVEL

| Course              | Credit | Page # |
|---------------------|--------|--------|
| Business Essentials | .5     | 13     |

### TECHNICAL LEVEL

|                             |    |    |
|-----------------------------|----|----|
| Entrepreneurship            | .5 | 17 |
| Consumer & Personal Finance | .5 | 15 |
| Accounting I                | 1  | 8  |
| Business Law                | .5 | 13 |

### APPLICATION LEVEL

|                |   |   |
|----------------|---|---|
| *Accounting II | 1 | 8 |
|----------------|---|---|

\*Prerequisite—see description

# HUMAN SERVICES CAREER PATHWAY

## Family, Community & Consumer Services Strand

### INTRODUCTORY LEVEL

| <b>Course</b>          | <b>Credit</b> | <b>Page #</b> |
|------------------------|---------------|---------------|
| Career & Life Planning | .5            | 13            |

### TECHNICAL LEVEL

|                             |    |    |
|-----------------------------|----|----|
| Consumer & Personal Finance | .5 | 15 |
| Culinary Prep I             | .5 | 16 |
| *Family Studies             | .5 | 18 |
| Human Growth & Development  | .5 | 21 |
| Nutrition & Wellness        | .5 | 24 |

### APPLICATION LEVEL

|                        |    |    |
|------------------------|----|----|
| *Community Connections | .5 | 14 |
| *Career Connections    | .5 | 13 |

\*Prerequisite—see description

# HOSPITALITY & TOURISM CAREER PATHWAY

## Restaurant & Event Management Strand

### INTRODUCTORY LEVEL

| Course                 | Credit | Page # |
|------------------------|--------|--------|
| Business Essentials    | .5     | 13     |
| Career & Life Planning | .5     | 13     |

### TECHNICAL LEVEL

|                             |    |    |
|-----------------------------|----|----|
| Baking & Pastry I           | .5 | 12 |
| *Baking & Pastry II         | .5 | 12 |
| *Culinary Arts I            | 1  | 15 |
| *Culinary Arts II           | .5 | 16 |
| Culinary Prep I             | .5 | 16 |
| *Culinary Prep II           | 1  | 16 |
| Event Planning & Management | .5 | 17 |

### APPLICATION LEVEL

|                        |    |    |
|------------------------|----|----|
| *Culinary Applications | 1  | 15 |
| *Career Connections    | .5 | 14 |
| Community Connections  | .5 | 13 |

\*Prerequisite—see description

# INFORMATION TECHNOLOGY CAREER PATHWAY

## Information Support & Services Strand

### INTRODUCTORY LEVEL

| Course                                | Credit | Page # |
|---------------------------------------|--------|--------|
| Computer Applications—semester course | 1      |        |

### TECHNICAL LEVEL

|                          |   |    |
|--------------------------|---|----|
| *Info Support & Services | 1 | 14 |
|--------------------------|---|----|

### APPLICATION LEVEL

|                                                        |   |    |
|--------------------------------------------------------|---|----|
| *Info Support Project Management & Resource Scheduling | 1 | 21 |
|--------------------------------------------------------|---|----|

\*Prerequisite—see description

# MANUFACTURING CAREER PATHWAY

## Production Strand

### INTRODUCTORY LEVEL

| Course                       | Credit | Page # |
|------------------------------|--------|--------|
| Production Blueprint Reading | .5     | 25     |
| Introduction to Welding      | .5     | 22     |
| Intro to Industrial Tech     | .5     | 22     |

### TECHNICAL LEVEL

|                              |   |    |
|------------------------------|---|----|
| Manufacturing Processes      | 1 | 23 |
| Mass Production I            | 1 | 23 |
| Production Welding Processes | 1 | 25 |

### APPLICATION LEVEL

|                                      |   |    |
|--------------------------------------|---|----|
| *Mass Production II                  | 1 | 23 |
| *Production Welding Processes II     | 1 | 25 |
| *Research & Design for Manufacturing | 1 | 25 |

\*Prerequisite—see description

# MARKETING CAREER PATHWAY

## Marketing Strand

### INTRODUCTORY LEVEL

| Course              | Credit | Page # |
|---------------------|--------|--------|
| Business Essentials | .5     | 13     |

### TECHNICAL LEVEL

|                                                       |   |    |
|-------------------------------------------------------|---|----|
| Principles of Marketing                               | 1 | 24 |
| <b><u>Supporting Pathways—Choose at least one</u></b> |   |    |
| Accounting I                                          | 1 | 8  |
| Entrepreneurship                                      | 1 | 17 |
| *Graphic Design                                       | 1 | 19 |
| *Web Page Design                                      | 1 | 27 |

### APPLICATION LEVEL

|                         |   |    |
|-------------------------|---|----|
| *Marketing Applications | 1 | 23 |
|-------------------------|---|----|

\*Prerequisite—see description

# TRANSPORTATION CAREER PATHWAY

## Auto Technology Strand

### INTRODUCTORY LEVEL

| Course                         | Credit | Page # |
|--------------------------------|--------|--------|
| Automotive Information         | .5     | 12     |
| Intro to Industrial Technology | .5     | 22     |
| Business Essentials            | .5     | 13     |

### TECHNICAL LEVEL

|                    |   |    |
|--------------------|---|----|
| General Services I | 1 | 18 |
|--------------------|---|----|

### APPLICATION LEVEL

|                       |   |    |
|-----------------------|---|----|
| *General Services II  | 1 | 19 |
| *General Services III | 1 | 19 |

\*Prerequisite—see description

# TRANSPORTATION CAREER PATHWAY

## Auto Collision Strand

### INTRODUCTORY LEVEL

| <b>Course</b>                  | <b>Credit</b> | <b>Page #</b> |
|--------------------------------|---------------|---------------|
| Automotive Information         | .5            | 12            |
| Intro to Industrial Technology | .5            | 22            |

### TECHNICAL LEVEL

|                                |   |    |
|--------------------------------|---|----|
| Auto Collision I               | 1 | 12 |
| Auto Refinishing Comprehensive | 1 | 12 |

### APPLICATION LEVEL

|                                              |    |    |
|----------------------------------------------|----|----|
| *Auto Collision II                           | 1  | 12 |
| Custom Refinishing A                         | .5 | 16 |
| *Custom Refinishing B                        | .5 | 16 |
| Research & Emerging Trends in Transportation | .5 | 25 |

\*Prerequisite—see description



# WEB & DIGITAL COMMUNICATIONS CAREER PATHWAY

## INTRODUCTORY LEVEL

| <b>Course</b>                         | <b>Credit</b> | <b>Page #</b> |
|---------------------------------------|---------------|---------------|
| Computer Applications—semester course | 1             | 14            |

## TECHNICAL LEVEL

|                     |   |    |
|---------------------|---|----|
| *Computer Science I | 1 | 15 |
| *Graphic Design     | 1 | 19 |
| *Web Page Design    | 1 | 27 |

## APPLICATION LEVEL

|                                                  |   |    |
|--------------------------------------------------|---|----|
| *Game Design                                     | 1 | 18 |
| *Web & Digital Communications Project Management | 1 | 27 |

\*Prerequisite—see description

# Four Year Plan Worksheet

## Freshman Schedule

### 1st Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 2nd Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

## Sophomore Schedule

### 1st Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 2nd Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

## Junior Schedule

### 1st Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 2nd Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

## Senior Schedule

### 1st Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 2nd Semester

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_



## **Gardner Edgerton High School**

425 N. Waverly

Gardner, Kansas 66030

Office: 913-856-2600

Fax: 913-856-2699

Counseling Office: 913-856-2617

Gardner Edgerton High School is accredited by the State of Kansas.

This Course Description Book has been developed for the students and parents at Gardner Edgerton High School to present information about programs and courses offered. Students and parents should be able to combine the information in this book with advice received from teachers, counselors, and administrators in order to make decisions regarding their future plans.

Students and parents are responsible for knowing and honoring the contents of the Course Handbook. Questions and clarifications can be directed toward the Counseling Office at 913-856-2617.

The Gardner Edgerton School District #231, Gardner, Kansas, does not discriminate on the basis of race, color, national origin, sex, age or handicap in admission or access to or treatment or employment in, its programs or activities. Any questions or complaints regarding the district's compliance with Title VI, Title IX, or Section 504 may be directed to:

Judy Martin: Section 504 (students); 856-2000 OR

U.S. Department of Education

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This course description book is produced by the teachers, counselors and administration of GEHS. The course book cover was created by Alizabeth Spann.