

GARDNER EDGERTON HIGH SCHOOL

GEHS

Course Description Book

2010-2011



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**Tim Brady, Principal
Gardner Edgerton High School**



GEHS Students and Parents:

You are encouraged to thoroughly read the 2010-2011 *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.

Students are encouraged to select courses based upon interest, career aspirations, post high school plans, and what will best fulfill graduation requirements. Students should select courses that have rigor and relevance based upon individual ability.

Please understand the classes students pre-enroll for are considered a binding commitment. Students cannot drop courses once they have submitted the pre-enrollment form which is co-signed by parents. This policy is outlined in the box on page 3.

As you read the *Course Handbook*, pay close attention to the information regarding dual credit, NCAA eligibility, Qualified Admissions, and Kansas Scholars' Curriculum. Students and parents should also consider courses entitled advanced placement and honors.

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:

A-G Wayne Long **H-N** Melissa McIntire **O-Z** Therese Strobel

Sincerely,

TIM BRADY

Tim Brady

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 and College Now

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

Course Change Policy

Students will be allowed to change elective courses during the first five days of each semester. Elective courses do not include AP or Honors classes. After the initial 5 days, schedule 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" (withdrawn failing).

Repeat Courses

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

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 unit of credit will be granted for satisfactory completion of any approved subject meeting for 36 weeks. 1/2 unit of credit will be granted for satisfactory completion of an approved subject meeting for 18 weeks. 1/2 unit of credit may be granted for satisfactory completion of one semester of a full year subject that regularly meets for 36 weeks.

A student may count only one unit of "K" credit toward graduation. "K" credit can be earned by successfully passing Student Aide.

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 - No grade below A-
High Honor Roll - 3.495 Average - No grade below B-
Honor Roll - 2.995 Average - No grade below C-

Incompletes

Students receiving a grade of "I" in any class will have ten school days after completion of the semester to work toward a passing grade to meet KSHSAA eligibility requirements.

Opt-Out/Attendance Incentive

To be eligible to opt out of a final in a class, the student must meet the following criteria in that class: semester grade of 90% or above and 3 or fewer excused absences; OR semester grade of 80-89% and 2 or fewer excused absences; OR semester grade of 70-79% and 1 excused absence. (School activity absences are excluded) The student may only opt out of finals in classes in which they meet the requirement. Students always have the option of taking the final even if they are eligible to opt out. Any unexcused or unverified absence will require the student to take the final in the class they have the unexcused/unverified absence. (3 tardies is the equivalent of 1 unexcused absence)

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.

Report Cards

Report cards will be mailed home approximately one week after each grading period.

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 to be transferred will not be weighted.

Class of 2011, 2012, 2013, 2014 Graduation Credit Check

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) Intro to Social Science _____
 (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

Post High School College Recommendations

College Entrance Recommendations

Students who plan to enter a two-year or four-year college should check the admission requirements at the institutions in which they are interested.

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.

Listed below are three sets of recommended courses.

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
Computer Technology	1 credit
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 (Algebra I, II, Geometry & Upper Level)	4 credits
Science (Biology, Chemistry & Physics)	4 credits
Social Science	3 credits
Foreign Language (In the same language)	4 credits
Computer Technology	1 credit
Visual and/or Performing Arts	1 credit

Preparation in language arts, mathematics, foreign languages, science and social studies not only helps in securing admission but also enhances success in college work.

Qualified Admissions for Regents Institutions

Students who plan to attend one of the Kansas Regents Universities (KU, K-State, Wichita State, Fort Hays State, Emporia State or Pittsburg State) must meet **one** of the following requirements to qualify for admission:

1) Achieve an ACT composite score of 21 or above; **or** an SAT score of 980 or above;

OR

2) Rank in the top one-third of one's high school graduating class

OR

3) Complete the Qualified Admissions curriculum with at least a 2.0 grade point average on a 4.0 scale.

* 4 credits in English

* 3 credits in Natural Science (one credit must be Chemistry or Physics)

* 3 credits in Math at high school (including Algebra II or higher)

* 3 credits in Social Science

Kansas Scholars Curriculum

Students who complete the following curriculum will receive a certificate from the Kansas Board of Regents and 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)

Ways to Earn College Credit While Still in High School

Advanced Placement Exams

Certain advanced courses in the high school program are designed 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
- AP English 11
- AP English 12
- AP European History
- AP Statistics
- AP US History

Technical College Preparation

This program is for high school students enrolled in articulated technical programs which may also include JCCC advanced standing college credit. Instruction is provided on the high school campus. Many career programs may offer advanced standing credit at JCCC. The high school counselor or the JCCC Technical College Preparation coordinator can help determine the courses that may apply. Advanced standing credit will be given for a final grade of "C" or better.

The Technical College program emphasizes planning for options by teaching skills that will be needed in the future. These skills include higher math competencies and an understanding of the scientific base of technology. With the Technical College program, students will be able to move into a four-year college program through the community college.

NOTE: Technical College courses are accepted at JCCC but not transferred to all four year colleges. Please consult a counselor for further information.

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 Chemistry
Honors French IV
Honors Physics
Honors Spanish IV

ACT

Sub-Score

Math: 26

**

Math: 28

**

AP American Government

**

AP Biology

**

AP Calculus

Math: 26

AP English 12

English: 19

AP Statistics

Math: 28

AP US History

**

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

Students may also take the COMPASS 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.

Students entering the College Now program in the fall of 2006 may only earn a maximum of 24 College now credit hours.

College Now students cannot drop the course at semester.

College Release (Quickstep at JCCC)

This college release program is for juniors and 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

NCAA Eligibility

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

Check out the web-site at www.eligibilitycenter.org

Division I

16 CORE-COURSE RULE

16 Core Courses:

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

Division II

14 Core-Course Rule

14 Core Courses:

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

PLEASE NOTE

Beginning August 1, 2013, students planning to attend an NCAA Division II institution will be required to complete 16 core courses.

NCAA Eligibility Test Score Information

- Division I has a sliding scale of test score and grade point average.
- Division II has a minimum SAT score requirement of 820 or an ACT sum score of 68. The SAT score used for NCAA purposes includes only the critical reading and math sections. The writing section of the SAT is not used. The ACT score used for NCAA purposes is a sum of the four sections on the ACT: English, math reading and science.
- All SAT and 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 clearinghouse.

GEHS ACTIVITY ELIGIBILITY

Students are reminded they must meet GEHS and KSHSAA activity eligibility requirements to be eligible to participate in all KSHSAA activities and some GEHS activities. KSHSAA requirements state that students must pass a minimum of five new subjects of 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 unit weight. Courses passed during Summer School do not count toward eligibility.

COURSE FEE LIST

Additional information regarding fees may be
found in the Course Description

2D Art	\$15.00/Semester
Advanced Ceramics	\$15.00/Semester
Advanced Design	\$15.00/Semester
Baking Basics	\$15.00/Semester
Basic Design	\$15.00/Semester
Blazer Jazz Band	Jazz Band Shirt
Blue Blazers	\$50.00 + shoes & acces.
Cabinet Making & Furn Design I & II	Supplies for each project
Ceramics I	\$15.00/Semester
Computer Animation & Web Design I	\$10.00/Year
Computer Animation & Web Design II	\$10.00/Year
Computer Graphics	\$30.00/Year
Concert Choir	\$20.00/Year
Digital Photo I	\$35.00/Semester
Digital Photo II	\$35.00/Semester
Exploring Professional Cooking	\$15.00/Semester
Freshman Band	Uniform Rental & Acces.
Intro to Video Production	\$10.00/Semester
Jewelry	\$15.00/Semester
Madrigal Choir	\$50.00/Year
Mass Media I	\$10.00/Year
Mass Media II	\$15.00/Year
Meal Planning & Prep	\$15.00/Semester
Nutrition & Wellness	\$15.00/Semester
Power & Production Technology	\$10.00/Year
Printmaking/Fiber Arts	\$15.00/Semester
Sculpture	\$15.00/Semester
Select Choir	\$50.00 + Shoes
Teen Leadership	\$10.00/Semester
Textiles & Apparel I	Supplies for each project
Textiles & Apparel II	Supplies for each project
Trailblazer Marching Band	Uniform Rental & Acces.
Treble Choir	\$30 + Shoes/Dance Pants

ART COURSES

Students are limited to no more than three art classes a semester.

2D Art

Prerequisite: Basic Design
Fulfills Fine Arts Requirement
Credit: 1/2—may be repeated for credit
Grades: 9, 10, 11, 12 **FEE:** \$15.00

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.

Advanced Ceramics

Prerequisite: Ceramics I
Fulfills Fine Arts Requirement
Credit: 1/2—may be repeated for credit
Grades: 10, 11, 12 **FEE:** \$15.00

Advanced ceramics students will build on their knowledge to progress to higher levels of design and craftsmanship. Advanced students will work more in-depth with a greater attention to detail, strive for originality, and work larger in scale. Emphasis is placed on the students developing strong work skills in the studio. Advanced techniques and greater use of the potters wheel will allow the students more freedom in the direction of their work. Multiple semesters are allowed, as the students will progress to a higher level.

Advanced Design

Prerequisite: Basic Design
Fulfills Fine Arts Requirement
Credit: 1/2—may be repeated for credit
Grades: 9, 10, 11, 12 **FEE:** \$15.00

This course is designed 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.

Basic Design

Prerequisite: NONE
Fulfills Fine Arts Requirement
Credit: 1/2
Grades: 9, 10, 11, 12 **FEE:** \$15.00

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.

Ceramics I

Prerequisite: Basic Design
Fulfills Fine Arts Requirement
Credit: 1/2
Grades: 9, 10, 11, 12 **FEE:** \$15.00

This semester course is an introductory course dealing with all aspects of hand-building ceramics such as coil and slab construction, lump pots, and sculpture. Students will also have an opportunity to use a pottery wheel. Student projects will be bisque fired, glazed and glaze fired to completion.

Computer Graphics

Prerequisite: NONE
Fulfills Fine Arts Requirement
Credit: 1
Grades: 9, 10, 11, 12 **FEE:** \$30.00

This class is designed to give the student knowledge of techniques, tools, materials, and methods used in computer graphics. Class time will be spent working in Adobe Photoshop, Adobe Illustrator, and Adobe InDesign programs and creating and evaluating graphic art. Time will also be spent discovering the career world of graphic art.

Digital Photography I

Prerequisite: NONE
Fulfills Fine Arts Requirement
Credit: 1/2
Grades: 10, 11, 12 **FEE:** \$35.00

This class is an introduction to the concepts, tools, and technology of digital imaging for photographers and is designed to give the student opportunities to develop competence in photographic concepts, techniques, and the use of digital photographic equipment. Digital cameras, computers, software, storage devices, and printers will be used to produce digital photographic images satisfying a series of assignments designed to develop **basic skills and competencies**. Students will capture, transmit, store, and output images. Time will also be spent discovering the career world of photography.

Digital Photography II

Prerequisite: Digital Photography I and Instructor Approval

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 software**, and various other materials for **photo manipulation**. Time will also be spent discovering the career world of photography.

Jewelry & Metalsmithing

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2- may be repeated for credit

Grades: 9, 10, 11, 12 **FEE:** \$15.00

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. Students may repeat the course, advancing each semester to new materials, techniques and processes which will further develop their skills and understanding.

Printmaking/Fiber Arts

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit

Grades: 9, 10, 11, 12 **FEE:** \$15.00

Printmaking and fibers is a semester course that can be taken a number of times with advancement opportunities. It is an art extension into commercial career 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 knitting, crocheting and macramé.

Sculpture

Prerequisite: Basic Design

Fulfills Fine Arts Requirement

Credit: 1/2—may be repeated for credit

Grades: 9, 10, 11, 12 **FEE:** \$15.00

Students will explore the wide and varied world of sculpture. Many techniques and materials will be used to create works of art. Projects may include the following: clay, plaster, wood, metal, plastic, stone. The skills developed should lead to a greater understanding and appreciation for sculptural art. Students may repeat the course as they will advance each semester by learning and using new techniques and tools.

BUSINESS COURSES

Accounting I

Prerequisite: NONE

Credit: 1

Grades: 10, 11, 12

This class is designed primarily to give the student a background to sufficiently develop ability in recordkeeping, assist in keeping personal records for the purposes of income tax and give a background in understanding terms of the business world.

Bookkeeping/Business Machines (Intro to Accounting)

Prerequisite: NONE

Credit: 1

Grades: 9, 10, 11, 12

This two semester course is designed to give the student extensive training in operating the ten key calculator. Areas of study will be: checking accounts; various cash records; budgets; retail sales; inventory and purchasing control; credit records payroll records; small business records; financial statements; and general ledger bookkeeping records.

Business Law

Prerequisite: NONE

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. Actual case studies, videos, speakers and mock trials will be included in the course work.

Computerized 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. Automated Accounting will utilize technology for the purpose of journalizing, posting and preparing financial statements.

Computerized Accounting III

Prerequisite: Computerized Accounting II

Credit: 1/2

Grades: 12

Utilization of automated accounting technology software will provide students with an advanced perspective of the Accounting profession.

Entrepreneurship

Prerequisite: NONE

Credit: 1

Grades: 9, 10, 11, 12

This course will enable you to understand how small businesses are started, operated, and maintained. 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, business-building projects, and field visits to businesses.

In-House I

Prerequisite: Computer Technology II

Credit: 1

Grades: 11, 12

The purpose of In-House is to simulate a business environment, so that students will experience the skills, knowledge and attitudes that accompany working in a business setting. Junior In-House work experience will be on live production work from business and industry, volunteer agencies, church groups, school/community clubs and organizations, local school board, and/or civic organizations.

In-House II

Prerequisite: In-House I

Credit: 1

Grades: 12

The purpose of In-House II is to allow seniors to work on more advanced projects, which will prepare them for college or the business sector after graduation. Students will be exposed to many different types of software and applying that software knowledge to different projects throughout the year.

Marketing

Prerequisite: Computer Technology I

Credit: 1

Grades: 10, 11, 12

Marketing I includes advertising, selling, promotion, product design, research, communications, and human relation skills. This course provides background in marketing and management for a business degree and/or entry directly into a career field. This course sponsors the school store.

Personal Finance

Prerequisite: NONE

Credit: 1/2

Grades: 10, 11, 12

This course is designed to expose the students to important skills in the area of personal finance that all students need to be successful both personally and in their chosen career field. Course content includes: refine career interests, define personal career goals, getting and keeping a job, employee pay and benefits, checking accounts, banking services, income tax, investing, insurance, credit, consumer protection, and consumer decision making.

COMPUTER COURSES

Computer Animation and Web Design I

Prerequisite: NONE

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 computer animation and Web design. Class time will be spent working in HTML, Adobe Dreamweaver, and Adobe Flash. Time will be spent creating and evaluating Web pages, computer animations, and computer graphics. Time will also be spent discovering the career world of Web design.

Computer Animation and Web Design II

Prerequisite: Computer Animation and Web Design I & Instructor Approval

Credit: 1

Grades: 11, 12 **FEE:** \$10.00

This class is designed to give the student practical application of the techniques, tools, materials, and methods used in computer animation and Web design. Class time will be spent creating and maintaining Web pages for teachers, sponsors, coaches, etc. within the school. Time will also be spent discovering the career world of Web design. "Extra" time will be spent broadening the student's knowledge of Web design, animation and other software and techniques.

Computer Science I

Prerequisite: Computer Technology I AND Algebra II or Geometry

Credit: 1

Grades: 10, 11, 12

This course introduces students to application development and basic web design by utilizing programming languages such as Visual Basic, and Java. Students will develop a strong foundation in creative problem solving, growth in higher-level logical thinking, all while obtaining essential programming experience.

Computer Science II

Prerequisite: Computer Science I AND Instructor Approval

Credit: 1

Grades: 11, 12

This intermediate course challenges students to further their understanding of application development, structured programming, and web design, by utilizing languages such as Visual Basic, Java, JavaScript, HTML, Adobe/Macromedia Flash and Dreamweaver and A+ Hardware/Software certification. Students will expand their knowledge in creative problem solving, higher-level logical thinking, and develop vital programming skills.

Computer Science III

Prerequisite: Computer Science II AND Instructor Approval

Credit: 1

Grades: 12

This advanced course requires students to master their understanding of application and web development, as well as structured programming. The primary emphasis for this course will be placed on languages such as Visual Basic, Java, JavaScript, Photoshop CS3 for graphic manipulation, HTML, Adobe/Macromedia Flash and Dreamweaver and A+ Hardware/Software certification. This course is vital to any student seeking a career in programming or the IT industry.

Computer Technology I

Prerequisite: NONE

Credit: 1

Grades: 9, 10, 11, 12

Students will learn to use the computer to process applications of word processing, database, spreadsheet, graphics, multimedia, electronic mail, Internet and operating. This course will apply procedures for business and personal use. It also fulfills the Regents Recommendation if the student receives a C or higher at the end of this class.

Computer Technology II

Prerequisite: Computer Technology I

Credit: 1

Grades: 10, 11, 12

Students will learn to use the advanced features of word processing, spread sheets, databases, graphics, multimedia, electronic mail, internet, operating systems, calendar software and desktop publishing. Real-world simulations will also be incorporated giving students hands-on practice.

Intro to Computer Technology

DOES NOT MEET QUALIFIED ADMISSIONS REQUIREMENT

Prerequisite: NONE

Credit: 1/2

Grades: 9, 10

This course will focus on proper keyboarding technique with emphasis on accuracy and speed. Students will also learn the basics of word processing, spreadsheets and multimedia software, while creating and formatting basic documents using those specific applications.

FAMILY AND CONSUMER SCIENCE COURSES

Baking Basics

(Formerly 1st semester of Foods II)

Prerequisite: Exploring Nutrition & Wellness
or Nutrition and Wellness

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: \$15.00

This course is designed for the student who successfully passed Nutrition & Wellness and would like to explore baking. After learning about recipe basics, safety practices and kitchen equipment students will be ready to get to work in food production. Students will explore food science and baking procedures when preparing a variety of baked goods. Quick breads, cakes, cookies, pies/pastries and yeast breads will all be included with hands-on lab experiences in this courses.

Career & Community Connections

Prerequisite: Career & Life Planning

Credit: 1

Grades: 11, 12

Career and Community Connections is the career course for the learner to apply technical skills in a professional learning experience, paid or unpaid, outside or within the school environment in the Human Services career field. Included will be continued development and finalization of the student's career portfolio. This course provides the opportunity for learners to focus on career related topics, team building and effectiveness in the world of work, and acquiring job-seeking skills and retention needed to advance within the workplace. Assistance will be provided to arrange a work placement for a professional learning experience in the area of Human Services. **The student will be personally responsible for transportation to the work site.**

Career & Life Planning

Prerequisite: NONE

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 and stress management, while identifying alternatives, choices and coping strategies. Students will explore various career choices. Career portfolios will be started and developed.

Consumer Education

Prerequisite: Nutrition Wellness & Foods II

Credit: 1/2

Grades: 10, 11, 12

Consumer Education 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).

Exploring Professional Cooking

Prerequisite: Nutrition and Wellness

Credit: 1/2

Grades: 10, 11, 12

FEE: \$15.00

Students in this semester class will be introduced to the skills they may need to be successful in the food service industry. We will explore these skills and begin to gain an understanding of the demands of the food industry. Various careers, skills and professional demands beyond the kitchen will also be explored. Food preparation will include plating, garnishing, sauces, soups, salads, eggs, breakfast foods and simple desserts. Students will focus on teamwork and leadership skills as they work in teams and individually to complete specific projects with real-world application.

Exploring Teaching

(Formerly Pre-School Lab I)

Prerequisite: Family Studies and Human
Growth and Development

Credit: 1

Grades: 11, 12

This course is an opportunity for students to consider teaching as a career and all that involves. This class introduces applications within the teaching and training profession, exploring education licensure and ongoing employment, exposure to legal and ethical issues, environmental structure and culture, and basic historical, sociological, philosophical and psychological principles that apply to classroom practices.

Human Growth and Development

(Formerly Child Development)

Prerequisite: NONE

Credit: 1/2

Grades: 10, 11, 12

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

Family Studies

(Formerly Parenting)

Prerequisite: None

Credit: 1/2

Grades: 10, 11, 12

Family Studies reflects the transition of the family for the 21st Century learner as it helps the learner discover how parents respond to the various stages of childhood and adolescence into the aging process. 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 emotional, cognitive/intellectual, social, moral/spiritual, and physical development; and the appropriate care of infants, children, young adults and aging parents.

Interior Design

Prerequisite: None

Credit: 1/2

Grades: 9, 10, 11, 12

This course allows students the opportunity to explore, gain and apply knowledge in the Interior Design and Interior Decorating field. Students will be exposed to topics such as elements and principles of design, furniture styles, floor planning, textiles, lighting and much more. The class will include marketing and customer service techniques for working with clients.

Meal Planning & Prep

(Formerly 2nd semester of Foods II)

Prerequisite: Exploring Nutrition & Wellness
OR Nutrition & Wellness

Credit: 1/2

Grades: 9, 10, 11, 12 FEE: \$15.00

This course is designed for the student who has successfully passed Nutrition & Wellness and would like to explore food preparation for the family. After a review of kitchen equipment, safety practices and nutritional choices students will be ready to get to work in food production. Students will explore food preparation for the family to include eggs, meats, casseroles, pasta and vegetables. Optional units may include international cooking.

Nutrition & Wellness

Prerequisite: NONE

Credit: 1/2

Grades: 9, 10, 11, 12 FEE: \$15.00

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, our lives and our 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.

Teaching Internship

(Formerly Pre-School Lab II)

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. 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.**

Textiles and Apparel I

Prerequisite: None

Credit: 1/2

Grades: 9, 10, 11, 12

FEE: Students will have to purchase supplies for each project.

Textiles and Apparel I is the beginner level fashion class that allows students to create projects by hand and/or machine. At the start of this course, basic sewing concepts are introduced. Students will be required to construct 3 projects that may include a pillowcase, a purse/bag and pajama pants or shorts. At the end of this course the students will have an understanding of project construction, terminology, technical reading and concepts related to the fashion industry.

Textiles and Apparel II

Prerequisite: Textiles & Apparel I

Credit: 1/2-may be repeated for credit

Grades: 9, 10, 11, 12

FEE: Students will have to purchase supplies for each project.

Textiles and Apparel II is a more challenging class that can be taken upon the completion of Textiles & Apparel I. In this course students will complete projects based on advanced sewing skills. Projects will be related to life application skills that may include garment alterations and a zipper application. Students will also gain advanced knowledge into the history of fashion, fashion industry and career opportunities. (If you are repeating the class for credit you will have a set criteria that you must complete by the end of each semester enrolled.)

HEALTH AND PHYSICAL EDUCATION COURSES

Aerobics

Credit: 1/2 — may be repeated for credit

Grades: 9, 10, 11, 12

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

Athletic Development

Credit: 1/2 —may be repeated for credit

Grades: 9, 10, 11, 12

Athletic Development 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.

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; First Aid & CPR; Drugs of Abuse; Alcohol Use and Abuse; Tobacco; Fitness; Pairing, Commitment & Marriage.

Physical Education

Credit: 1/2 —may be repeated for credit

Grades: 9, 10, 11, 12

Physical Education Classes could include: team sports, volleyball, basketball, flag football, soccer, speed ball, softball, team handball and a variety of other team games and recreational sports. These classes will also include Lifetime Sports element which include racket and paddle sports—such as badminton, tennis, ping pong and pickle ball. Other lifetime activities would include shuffleboard, bowling, golf, horse-shoes and 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 these classes that will include stretching, agility drills and running or jogging.

INDUSTRIAL TECHNOLOGY EDUCATION COURSES

Architectural Design

Prerequisite: Drafting & Design Technology
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.

Automotive Systems Technology I

Prerequisite: NONE
Credit: 1
Grades: 10, 11, 12

This course serves as a basic introduction to the automobile and its development while providing consumer knowledge for the automobile owner. Emphasis is placed on safety and using tools and equipment correctly in all areas of study. This course combines classroom instruction with hands-on lab experiences in the study of engine systems, general vehicle maintenance, lubrication, steering and suspension systems, wheels and tires, cooling systems, and electrical systems.

Automotive Systems Technology II

Prerequisite: Auto Systems Technology I
Credit: 1
Grades: 11, 12

This course continues the study of the automobile and its systems in classroom and automotive lab settings. Proper safety procedures and using tools and equipment correctly in all areas of study are stressed. Students are prepared for entry level employment or post-secondary education.

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.

Advanced Drafting/CAD

Prerequisite: Drafting & Design Technology
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. This 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).

Intro to Industrial Technology H.S.

Prerequisite: NONE
Credit: 1/2
Grades: 9, 10, 11, 12

An exploratory course with units in the following areas: drafting, CAD, digital electronics, plastics, metals, woods, woodworking tools and machines, alternative energy, construction science, material science, power mechanics, and electricity.

Materials-Production-Engineering and Technology (NEDC)

Prerequisite: NONE
Credit: 1/2—may be repeated for credit
Grades: 10, 11, 12—fall semester

This course will allow students to have hand-on experience in product design and development, production meeting, materials selection, leadership, team building, safety, work ethics, pride in craftsmanship, and product production. The class will develop and build a product; for example—solar bicycle for *Bike Rayce USA*, a product for the *Engineering Design Challenge*, or a robot for *American First Competition*.

Power and Production Technology

Prerequisite: NONE
Credit: 1
Grades: 11, 12 **FEE: \$10.00**

This is a basic course with units in arc welding, acetylene welding, foundry, metal lathe, milling, small gas engines and sheet metal.

Remodel & Building Maintenance

Prerequisite: C or better in Wood Products II
AND Instructor Approval
Credit: 1
Grades: 12

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

Research and Design for Manufacturing (Woods or Metals)

Prerequisite: Instructor's Permission
Credit: 1-2 (may be taken 2 blocks)
Grades: 11-12

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 Drawing & Eng Graphics

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.

Cabinet Making & Furniture Design I

Prerequisite: NONE

Credit: 1

Grades: 9, 10, 11, 12

FEE: Required for each project.

This beginning course emphasizes cabinet making, furniture construction and carpentry with one unit in Mass Production.

Cabinet Making & Furniture Design II

Prerequisite: Wood Products I

Credit: 1—may be repeated for credit

Grades: 10, 11, 12

FEE: Required for each project

An advanced course in wood with emphasis on cabinet making, furniture construction and furniture production.

INTERNATIONAL LANGUAGE COURSES

Since Foreign languages are developmental, skill building courses, it is mandatory to receive a passing grade the previous semester before progressing to the next semester in any foreign language. The Foreign Language Department highly recommends students enroll continuously in language classes.

French I

Prerequisite: NONE

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 life-style 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.

Honors French IV (Weighted Course)

Prerequisite: French III with a grade of C or better

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 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.

Spanish I

Prerequisite: NONE

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.

It is recommended that students have successfully passed Spanish II.

Honors Spanish IV (Weighted Course)

Prerequisite: Spanish III with a grade of C or better

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 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.

LANGUAGE ARTS COURSES

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 six-trait writing model. Extensive reading of a variety of literary selections containing universal themes will be used.

Honors English 9 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 six-trait writing model. Extensive reading of a variety of challenging literary selections 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 six-trait 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.

Honors English 10 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.

English 11 REQUIRED Credit: 1 Grades: 11

Junior English will include listening and communication skills, various essay writing; and continued use and practice of the six-trait 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.

Advanced Placement English 11 (Weighted Class)

Prerequisite: None (HN Eng 9 & HN Eng 10 are 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 prose 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 their 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 Exam will be offered at the conclusion of this course.

English 12 REQUIRED Credit: 1 Grades: 12

This course will require extensive reading of European literature selections with an emphasis on literature analysis. Student writings will include one formal M.L.A. essay assignment per quarter including a research paper using MLA documentation. Students will gain experience in public speaking through a variety of assignments related to the literature selections.

Advanced Placement English 12 (Weighted Class)

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

Credit: 1

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.

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.

Creative Writing I

Prerequisite: Successful completion of English 9 and 10

Credit: 1/2

Grades: 11, 12

This introductory course offers student writers the opportunity to create written ideas in a number of different areas. Types of work created throughout 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: 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.

Editorial Issues

Prerequisite: EDITORS ONLY. PERMISSION OF INSTRUCTOR

Credit: 1

Grades: 11, 12

This advanced course is for newspaper and yearbook students who serve as editors and require an additional class period for individual work and assignments. Students write and edit additional pieces for the newsletter, newspaper and yearbook while also working with advanced skills and practice on desktop publishing and related software. Further, students will design and redesign advertisements and brochures.

ELL—English Language Learner

Prerequisite: Placement by counselor

Credit: 1

Grades: 9, 10, 11, 12

This class is designed for students who speak English as their second language. To participate in this class, a student must first take a language test and reach specific qualifications and then will be placed by their counselor. This class is meant to increase the student's English language proficiency in the areas of reading, speaking and listening.

Introduction to Video Production

Prerequisite: NONE

Credit: 1/2

Grades: 9, 10, 11, 12 **FEE:** \$10.00

Introduction to Video Production is a semester elective. Students will learn basic video editing in a hands-on environment using up-to-date technology and software to create video using storyboarding, techniques, and film in a variety of settings to consistently produce a quality product. **Some after school hours may be required.**

Mass Media I

Prerequisite: Intro to Video

Fulfills Communications Arts Requirement

Credit: 1

Grades: 10, 11, 12 **Fee:** \$10.00

Mass Media I will explore the history of the medium. Students will practice news gathering, writing, and presenting in a variety of areas: news, documentary, TV magazine, talk show, etc. Mass Media I will also allow students to work with innovative technology to film, edit, and produce a variety of television-based programs. Students will also be responsible for creating, producing, and broadcasting a periodic variety show suitable for all audiences. Students in this class will be preparing to do live news casts required in Mass Media II. **Some after school hours may be required.**

Mass Media II

Prerequisite: Mass Media I and teacher approval

Credit: 1—may be repeated for credit

Grades: 11, 12 **FEE:** \$15.00

Mass Media II is an extension of Mass Media I that will allow students to further explore their creativity by completing school-based and community-based programming. Students will be assessed on meeting specific deadlines, storyboarding, following guidelines, and producing quality programming suitable for specific or general audiences. Students will be required to work for the presentation of the all-school announcements. **Some after school hours may be required.**

Newspaper I

Prerequisite: NONE

Credit: 1

Grades: 9, 10, 11, 12

This introductory course is open to all students; however, since emphasis is on writing, students need good English skills. Students will study newspaper/yearbook style, headline writing, page construction and layouts, writing various types of stories, advertising, and some beginning photography skills. Students will also help with the production of the last paper of the *Trailblazer*.

Newspaper—Advanced

Prerequisite: Newspaper I with a C or better and/or teacher approval

Credit: 1

Grades: 10, 11, 12

This advanced course is for students who will write and produce the school newspaper, the *Trailblazer*. Students will refine their writing skills, create ads and learn business circulation of the paper while learning production and layout.

Oral Communication

Prerequisite: NONE

Fulfills Communication Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

This course is designed to teach the communication skills of speaking, listening, organization and researching. Emphasis is placed on becoming an effective communicator in the social, educational, and professional setting. This course is divided into two parts. The first half of the class is devoted to studying the communication process and steps to developing a speech. The second part of the class is performance based consisting of speeches and various activities to assist the student in gaining confidence in a variety of speaking situations and in utilizing techniques to inform and persuade.

Poetry

Prerequisite: NONE

Credit: 1/2

Grades: 9, 10, 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.

World Mythology I

Prerequisite: NONE

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.

Sports Literature

Prerequisite: NONE

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.

Teen Leadership (Content Based)

Prerequisite: NONE

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? Teen Leadership is an elective course that will do 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.

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 mythos off of. Among the areas to be covered are: word origins, ancient geography, and various cultural myths pertaining to creation, conception, life and death.

Yearbook

Prerequisite: Newspaper I with a C or better and/or teacher permission

Credit: 1

Grades: 10, 11, 12

This advanced course involves producing the school yearbook, the *GEHS Trailblazer*. Students will write stories, create layouts and ads, and take pictures. Students will learn teamwork, responsibility, and reaching and maintaining deadlines for production.

MATHEMATICS COURSES

Algebra IA

Does not meet Qualified Admissions NOR Regents Recommended Curriculum

Prerequisite: NONE

Credit: 1

Grades: 9

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 I

Prerequisite: Successful completion of Algebra IA

Credit: 1

Grades: 9, 10, 11

This course is a continuation of the 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.

Algebra II

Prerequisite: Successful completion of Geometry or concurrent enrollment with Math Department Approval

Credit: 1

Grades: 10, 11, 12

This course is designed to continue the study of topics from Algebra I and Geometry. 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, probability and combinatorics. Throughout the curriculum, emphasis and connections will be made between symbolic, numeric and graphical representations of all types of functions.

Algebra III

Prerequisite: Successful completion of Algebra II

Credit: 1

Grades: 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.

AP Calculus (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. Differential calculus deals with the problem of calculating rates of change, while integral calculus considers the problem of determining the area under a curve. 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 AP Exam will be offered at the conclusion of this course.

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.

AP Statistics (Weighted Course)

Prerequisite: Algebra II (if taking AP exam)
College Algebra or Pre-Calculus (if taking for College Now Credit)

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 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.

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 compliment each other.

Informal Geometry

Prerequisite: Successful completion of Alg 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 without the rigor of proofs. Students will gain knowledge in line and triangle relationships, area, volume, surface area, similarity and congruence. Students will also concentrate on probability and statistics and learn the characteristics of quadrilaterals.

21st Century Math

Prerequisite: Counselor Recommendation

Credit: 1/2

Grades: 10, 11

This course will cover the tested material on the Kansas Math Assessment. After evaluation, emphasis will be placed on indicators that need improvement. The goal is for all students to meet standard on the state assessment.

Honors Algebra II

Prerequisite: A/B Average in Geometry.

Credit: 1

Grades: 9, 10, 11

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 a study of the analytical geometry of conic sections; arithmetic and geometric sequences and series; and trigonometric functions and identities.

Honors Quickstep College Algebra on GEHS campus (Weighted Course)

Prerequisite: Algebra II AND a 26 on the ACT Math Test or 66 on the JCCC Compass Test.

Credit: 1

Grades 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.

HN Pre-Calculus

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

Credit: 1

Grades: 10, 11, 12

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, derivatives, and integrals.

PERFORMING ARTS COURSES

Acting I & II

Prerequisite: Introduction to Theater
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.

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. Daily 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 for band.

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.

Competitive Debate

Prerequisite: Debate and Argumentation and instructors permission.
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.**

Concert Choir

Prerequisite: NONE
Fulfills Fine Arts Requirement
Credit: 1—may be repeated for credit
Grades: 9, 10, 11, 12 **FEE:** \$20

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. State music contest material will be covered. Performances are required and included in grade assessment.

Debate and Argumentation

Prerequisite: NONE
Fulfills Communication Arts Requirement
Credit: 1/2
Grades: 9, 10, 11, 12

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.

Forensics

Prerequisite: NONE
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 this class is on making the printed page "come alive." 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.**

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.

Introduction to Forensics

Prerequisite: NONE

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

Prerequisite: NONE

Fulfills Fine Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

A basic course for any student regardless of previous drama/theater experience. Students will explore various aspects of theater, such as acting, designing, playwriting, researching, critiquing, and history. This is done 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 and attend two live theatrical performances outside of class.

Madrigal Choir

Prerequisite: By audition

Fulfills Fine Arts Requirement

Credit: 1— may be repeated for credit

Grades: 9, 10, 11, 12 FEE: \$50

Students will demonstrate advanced vocal technique, perform literature from the Renaissance and Medieval periods, 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.

Music Theory/History I

Prerequisite: Band or Choir or teacher approval

Credit: 1

Grades: 9, 10, 11, 12

This course will teach the basics 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.

Orchestra

Prerequisite:

- * Student must be a member of this school system's orchestra program or transfer from some other school orchestra 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: 9, 10, 11, 12

Students will build on their current knowledge to progress to perform advanced levels of orchestral music. Orchestra is primarily a performing organization which requires students to attend all rehearsals and performances beyond regular class time as part of the credit or grade received for orchestra. Students from this group are eligible to audition for NE KMEA district orchestra as well as area youth symphonies. This group will perform at concerts and music festivals.

Repertory Theater

Prerequisite: Production experience and Intro to Theater

Fulfills Fine Arts Requirement

Credit: 1

Grades: 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.

Select Choir

Prerequisite: Audition only

Fulfills Fine Arts Requirement

Credit: 1—may be repeated for credit

Grades: 9, 10, 11, 12

FEE: \$50 plus shoes

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. State music contest material will be covered in this course.

Tech Theater

Prerequisite: Intro to Theatre or 20th Century Theatre

Fulfills Fine Arts Requirement

Credit: 1/2

Grades: 9, 10, 11, 12

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. Students who repeat the course will be expected to serve as peer tutors and mentors for beginning students and must exhibit leadership and team-building skills.

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.

Treble Choir

Prerequisite: Female 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 dance pants

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 in this course.

SCIENCE COURSES

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.

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.

The AP Biology course is designed to be the equivalent of a two-semester college introductory 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.

Biology

REQUIRED

Prerequisite: Physical Science/Freshmen must be enrolled in Geometry

Credit: 1

Grades: 9, 10, 11, 12

In Biology, emphasis is given to the process of science. This course offers a survey of the basic concepts of biology, which includes the study of the cell, genetics, and evolution. This course is designed for those students who possess an interest in science and plan to enroll in advanced science courses.

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. The curriculum will include units in measurement, nomenclature, stoichiometry, gas laws, atomic theory, periodicity, bonding, , kinematics, equilibrium, acid/base, redox, and organic. Learning activities will center around lecture/demonstration, readings from the text, and laboratory investigation.

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 (the study of weather) and hydrology (the study of the Earth's water cycle), and their interrelations. This class also includes a survey of astronomy (the study of space) and geology (the study of the Earth's surface). Students will use technology to relate content to real-world situations, along with some hands-on activities.

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 largest scale of the biosphere down to a single organism. With an understanding of these interactions, we can better understand human relationship with the environment. The course will emphasize real life, hands-on field experiences relating to everyday environmental topics.

Honors Chemistry (Weighted Course)

Prerequisite: Chemistry, Algebra II or concurrent enrollment.

Credit: 1

Grades: 11, 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.

This course is for the student who is college bound. It is the equivalent of CHEM I at the college level, and five hours of credit from JCCC can be earned through the College Now program. Learning activities will center around laboratory investigations, reading assignments, homework problems, and lecture.

Physics

Prerequisite: Algebra II, Chemistry or concurrent enrollment

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.

Honors Physics (Weighted Course)

Prerequisite: Chemistry, Algebra II, Physics

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.

This course is for the student who is college bound. It is the equivalent of GENERAL PHYSICS I at the college level. Five hours of credit from JCCC can be earned through the College Now program. Most learning activities will come from reading assignments, homework problems, lecture, videodisc demonstrations, and laboratory investigations. Students must supply their own scientific calculator.

Physical Science

REQUIRED

Prerequisite: NONE

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. The 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.

Zoology

Prerequisite: Biology

Credit: 1/2

Grades: 10, 11, 12

This course includes selected topics in animal biology such as taxonomy, animal physiology and ecology. This class will survey and compare all major animal phyla, including invertebrates and vertebrates. Students will be expected to perform multiple dissections. Laboratory research skills are developed in the classroom and outdoors.

SOCIAL SCIENCE COURSES

American Government

REQUIRED

Prerequisites: NONE

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.

AP European History (Weighted Course)

Prerequisite: NONE

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 in this class 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.

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.

AP US History (Weighted Course)

Prerequisite: NONE

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. This 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 AP US History will use primary and contemporary sources to compare past trends with current issues. The AP Exam will be offered at the conclusion of this course.

Honors American Government (Weighted Course)

Prerequisite: NONE

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.

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.

Intro to Social Studies

REQUIRED

Prerequisite: NONE

Credit: 1

Grades: 9

Introduction to Social Studies is an integrated class designed to introduce Freshman students to Social Studies concepts at the high school level. Introduction to Social Studies gives students a skill set of foundational economics, geography, and civics concepts necessary for success in upper level Social Studies courses at Gardner Edgerton High School. Students in this one year class will cover approximately 12 week trimesters of Geography, Economics, and Civics.

Honors Intro to Social Studies

Prerequisite: NONE

Credit: 1

Grades: 9

This is an integrated class designed to introduce Social Studies concepts at the high school level. This course gives students a skill set of foundational economics, geography, and civics concepts necessary for success in Honors and AP Social Studies courses at GEHS. The course skill sets are focused around challenging reading and writing skills as well as listening and public speaking. Extensive reading of supplemental materials will be integrated which will cover approximately 12 week trimesters of Geography, Economics and Civics.

Psychology

Prerequisites: NONE

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.

Sociology

Prerequisite: NONE

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.

US History

REQUIRED

Prerequisite: NONE

Credit: 1

Grades: 11

This course places emphasis on US History from 1900 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.

World History

REQUIRED

Prerequisite: NONE

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.

SPECIAL COURSES

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 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 are encouraged to complete this course the semester prior to take the actual ACT test.

AVHO 102 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.

AVHO 104 Certified Medication Aide

Prerequisite: Proof of Kansas C.N.A. certification

Credit: 1

Grades: 11, 12

This course includes the development of knowledge related to many commonly prescribed medications. Students will learn the classification, side effects and techniques of administration, including preparation and accurate distribution of medications. Safe administration of oral medications is discussed and demonstrated. Students will be scheduled to take the Kansas C.M.A. examination. 80 contact hours.

Cadet Teacher Training (Elementary & Middle Schools)

Prerequisite: Application

Credit: 1/2

Grades: 12

Cadets will be required to provide their own transportation to school assigned.

This is a course which allows senior students to travel to one of our elementary/middle schools. While under the supervision of a classroom teacher, the cadet will work with younger students for about 3 hours per week. During each high school grading period, the cooperating teacher will evaluate the cadet and issue a grade for this elective course.

Guided Study

Prerequisites: B.A.T. Team Approval

Credit: 1/2

Grades: 11, 12

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

New Directions

Prerequisite: B.A.T. Team Approval

Credit: 1/2

Grades: 9, 10

Students will work to improve study skills, reading strategies, problem solving skills, communications, and note-taking skills. Coursework will also include information and instruction in personal decision making skills, peer and life relationships, and drug and alcohol education.

Student Aide

Prerequisite: Teacher Approval

Credit: 1/4 "K"

Grades: 11, 12

Student aides will assist with a variety of responsibilities.

GEHS Work Experience

Prerequisite: Application Process

Credit: 1

Grades: 12

See program requirements on page 35.

SPECIAL SERVICES COURSES

PLACEMENT IN THESE PROGRAMS IS BY SPECIAL EDUCATION ACTION ONLY

Referrals for special service programs can be made by teachers, counselors, parents or students may refer themselves. For more information regarding special education services, contact the Special Education Office at 856-3383.

Fundamental Vocational Studies

Prerequisites: IEP Team Approval

Credit: Varies

Grades: 9, 10, 11, 12

Students participate in paid or unpaid work try-outs, supported by job coaches. Students are given individualized vocational assignments related to finding and maintaining employment if scheduled work try-out is cancelled. With administrative approval, students may enroll in multiple blocks and may repeat for credit—must have an IEP and permission to enroll in the course.

Guided Discovery

Prerequisite: IEP Team Approval

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

Grades: 9, 10, 11, 12

Students generate and implement individualized goals and objectives which are designed to enhance current abilities and develop new skills. The curricular and affective needs of the student are addressed.

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.

Gardner Edgerton High School Work Experience Program

The Work Experience Program is designed for regular education students who want to gain experience working in a job that is directly tied to a class that the student is enrolled. The academic and occupational skills that the student will be learning need to be at the same skill level as the course that the student is enrolled.

Examples of a quality Work Experience Program are working for a:

- * CPA firm while enrolled in an accounting class
- * Law firm while enrolled in a government or law class
- * Local newspaper while enrolled in an English class

GOALS

1. The primary purpose of the Work Experience Program (WEP) is to provide students with a practical and relevant career related learning experience.
2. The WEP enables students to acquire an improved understanding of their abilities, interests, and educational/career aspirations.
3. The WEP provides educational opportunities not available within the present high school structure.
4. The WEP provides a means of applying/measuring those academic skills learned throughout the student's formal education.
5. The WEP provides an avenue for students to develop the confidence, responsibility and maturity necessary for success on the job.
6. The WEP enhances the partnership between school and community by serving the needs of local business and industry.

PROGRAM REQUIREMENTS

1. Program application must be completed on an official application form, preferably not later than the conclusion of the student's junior year in high school. Participation in the program is limited to seniors who are on schedule to graduate at the conclusion of their senior year.
2. A selection committee consisting of the principal and counselor shall evaluate the student's application to determine program eligibility and acceptance.
3. High school credit will be awarded for the program.
4. Students must remain at their worksite for an amount of time equivalent to that which they would accrue in school following a normal schedule.
5. Evaluation of a student's progress in the program shall be a joint effort by the employer and school official. A school official, on a PASS/FAIL basis, will complete actual grading.
6. Job assignments should correspond with the student's career interests and/or post-secondary educational/employment plans.
7. The student may not be self-employed.
8. Employer may not be a parent or guardian of the student.
9. Students may not work for any faculty member. The program shall be organized and maintained so that students are under the direction and supervision of the school.
10. A training agreement must be completed and signed for each work experience class. The training agreement shall be signed by the employer, student, student's parent or guardian (if student is under 18 years of age) and the supervising teacher for the related class.
11. Limit one hour of work experience per related class.
12. Classroom and work attendance records shall be maintained during the length of the program.

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: 913-856-8218

Counseling Office

Phone: 913-856-2617

Mr. Wayne Long Students Last Name Beginning A—G

Mrs. Melissa McIntire Students Last Name Beginning H—N

Mrs. Therese Strobel Students Last Name Beginning O—Z

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.

This course description book is produced by the counselors and administration of GEHS.

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, Region VII, Office for Civil Rights
10200 North Executive Hills Blvd., Kansas City, MO 64153