

***Hoopeston Area High School***

***2020-2021***

***Course Catalog***

***&***

***Graduation Requirements***

**Imagine the  
possibilities...**

***Home of the Cornjerkers***

## HOOPESTON AREA HIGH SCHOOL – COURSE OFFERINGS SUMMARY

- ❖ Illinois Learning Standards / Next Generation Science Standards
- ❖ Advanced Placement Courses
- ❖ Danville Area Community College - Dual Credit Courses
- ❖ DACC Hoopeston Higher Learning Center - Dual Credit Courses
- ❖ 1:1 Technology in the Classroom - Chromebooks

### Language Arts

English I, II, III, IV,  
 Honors English I, II  
**\*AP Eng 3 Language Composition**  
**\*AP Eng 4 Literature Composition**  
 Journalism  
 Advanced Library Science  
 Media Orientation  
 Yearbook

### Math

Integrated Math I  
 Integrated Math II  
 Integrated Math III  
 Trig/Pre-Calc  
 Consumer Math  
 Statistics  
**\*AP Calculus**  
**Trans. Math STEM/Col.Alg**  
**Trans.Math QL/Col.Stats**

### Science

General Science  
 Biology I  
 Biology II  
 Chemistry  
 Physics  
 Anatomy & Physiology

### Business

Business Technology  
 Marketing-Sports  
 Accounting I, II  
 Graphic Design  
 Entrepreneurship  
 Computer Maintenance  
 Marketing-Merchandise

### Social Studies

World Geography  
 U.S. History  
 Civics & Government  
**\*AP US Govt. and Politics**

### Fine Arts

Art I  
 Art II  
 Art III  
 Art IV  
 Band  
 Jazz Band  
 Chorus  
 Flags

### Industrial Education

Intro to Industrial Technology  
 Building//Woods  
 Manufacturing 1-2  
 Manufacturing 3-4

### Agriculture

Intro. To the Ag Industry  
 Basic Ag Science  
 Ag Business  
 Ag Mechanics  
 Horticulture I  
 Horticulture II  
 BSAA (Bio.Sci. App in Ag)  
 Vet Science

### Foreign Languages

Spanish I  
 Spanish II  
 Spanish III  
 Spanish IV

### Interrelated Co-op Ed

(Diversified Occupations)

### \*DACC-College Express 11<sup>th</sup>/12<sup>th</sup>

Agriculture Education  
 Auto Mechanics  
 Business Administration  
 Computer Networking  
 Computer Programming  
 Constructions  
 Criminal Justice  
 Culinary Arts  
 Early Childhood Education  
 Graphic Design  
 Health Occupations  
 Horticulture  
 Welding  
 \*\*Industrial Technology  
 \*\*NIMS/TK Apprenticeship  
 \*\*Project Lead The Way

### Codes:

/One semester courses only

\*Teacher Approval

\*\*Internships with these programs, Junior and Senior year

# HS Course Catalog

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# HOOPESTON AREA HIGH SCHOOL - STUDENT CATALOG

## To The Student:

This catalog has been prepared to help you and your parents wisely plan your high school career. Study the materials carefully. What you decide now will influence your life in the next four critical years and beyond. The following is an operational plan for your four-year scheduling of classes:

1. The counselor will introduce the catalog to you and your classmates and explain the procedure for the scheduling.
2. You and your parents/guardians can access the course catalog through the high school website.
3. The counselor will have a scheduling day during school to individually discuss your four-year plan of study with you. Counselor will be meeting with each student individually to schedule classes.
4. Freshmen will meet later with the counselor to discuss class selection.
5. Parents desiring to confer with the counselor should make an appointment with the High School Office at 283-6661.

## GRADUATION REQUIREMENTS

- 4 years of English
  - 3 years of Math
  - 2 years of Science
  - 2 years of Social Studies
    - 1 year of US History
    - 1 year of Government/Civics
  - 4 years of Physical Education
  - 1 semester of Health
  - 2 semesters chosen from the following areas of study: (Music - Art - Foreign Language - Career and Technical Education)
  - 1 semester of Driver Education (classroom only)
  - 9 weeks of Consumer Education (State Requirement: Content is covered in Freshman Success Course)
  - Elective courses
- ❖ **22 credits (courses are worth a half credit per semester)**

## IS COLLEGE IN YOUR FUTURE?

Most course admission requirements at public colleges and universities in Illinois require at least 15 units (30 credits) of the High School course work from the following:

- Four years of English
- Three years of social studies (emphasizing history and government)
- Three years of mathematics (introductory through advanced algebra, geometry, trigonometry, or fundamentals of computer programming)
- Three years of science (laboratory science)
- Two years of electives in foreign language, art, music, or vocational education. The University of Illinois requires **two** years of the same foreign language in high school.

**There are some exceptions to the above—  
Check with your high school counselor for details.**

## **ADVANCED PLACEMENT (Weighted Grade) COURSES**

Advanced Placement Courses are high school classes for the college bound student. The curriculum and instruction that takes place in these courses is much more rigorous than a typical high school course. The course workload is also much more substantial. Students taking AP courses are given work to be completed during the summer before they the course begins. Students who take the AP courses are able to take an AP exam to receive college credit for the course. The weight of the grades for these rigorous courses will only be for AP courses. The school wide 4 point grading scale will include the AP courses to be weighted as follows: A= 5.0, B=4.0, C=3.0, D=1.0, F= 0. Essentially a student earning an A in an AP course could raise their grade point average above a 4.0. Students earning a B in an AP course would earn the equivalent of an A in a regular class.

### **(2) AP ENGLISH: LANGUAGE AND COMPOSITION, LITERATURE AND COMPOSITION**

AP English for 11<sup>th</sup> and 12<sup>th</sup> grade levels. There will only be one section taught at each grade level. See pg. 9 for course descriptions.

### **AP CALCULUS**

This course is designed for those seniors who have completed Pre-Calculus/Trig I and plan to take college calculus.

### **AP UNITED STATES GOVERNMENT & POLITICS**

This college-level course gives students an analytical perspective on government and politics in the United States.

## **DUAL CREDIT COURSES (Danville Area Community College)**

See Dual Credit Policy on the school website at [www.hoopeston.k12.il.us](http://www.hoopeston.k12.il.us)

Dual Credit Courses are high school classes that will be used for both high school credit and college credit. Ways to earn Dual Credit include taking classes at the DACC Higher Learning Center in Hoopeston during the school day, after school hours, or by taking classes in Danville at the DACC campus (or online). A student who successfully completes a dual credit course will receive a grade and credit at both Danville Area Community College and Hoopeston Area High School. Students must have approval for these courses from the School Counselor and the High School Principal and must score at a certain level on the DACC placement test scores. If you decide to take a course through Danville Area Community College during your Junior or Senior year in the dual enrollment program, then you will receive credit at Hoopeston Area High School and DACC at the same time. The grade for the class is determined by the DACC instructor and is shown on both transcripts and included in your grade point average at both institutions. At this time, tuition fees are paid by Hoopeston Area CUSD#11 for dual enrollment classes. Should this change, it would be the student's financial responsibility for the tuition. Books and some fees are not waived. Sufficient SAT scores or a placement test and high school GPA determine eligibility for taking any DACC class.

## **COLLEGE EXPRESS (Career and Technical Education) DUAL CREDIT COURSES**

College Express Courses are high school classes that will be used for both high school credit and Danville Area Community College credit. The student who successfully completes this dual credit course will receive a grade and at both Danville Area Community College and Hoopeston Area High School. During the junior and/or senior year of high school, the student has the opportunity to take a class at College Express Course at DACC (transportation is provided) during the school day. These courses are career and technical educational courses that are not transferable. Students must have approval for these courses from the School Counselor and the High School Principal. The following courses are examples of course offerings available to the student: Agriculture, Auto Mechanics, Business Administrative Technology, Computer Networking, Computer Programming, Criminal Justice, Culinary Arts, Early Childhood Education, Graphic Design, Green Building Trades, Health Occupations, Horticulture, Industrial Technology Welding, NIMS, Project Lead The Way.

## **CAREER FRAMEWORK**

For career exploration use [www.careercruising.com](http://www.careercruising.com)

The Career Pathways will connect the student to post-secondary education and the world of work in one of the following career clusters:

### **Agriculture and Natural Resources**

Agribusiness, agri-science, and natural resources include enterprises such as farms, dairies, greenhouses, fruit orchards, nurseries, the production of crops, plants or trees, mining and petroleum production.

### **Arts and Communications**

Arts and communications are essential parts of our modern society. People in these areas share emotions, ideas, information, and innovations. Arts and communications include such enterprises as film, theater, television, radio, visual arts, telephone, printing, and publishing.

### **Business and Administrative Services**

Each sector of the economy, from mining and agriculture to wholesale and retail trade, requires office workers and business and financial experts. This pathway includes those occupations that support the ongoing operation of enterprises from other industries, as well as enterprises that are business-related. Business services, finance, insurance, real estate, and wholesale and retail trade are included in this pathway.

### **Health Services**

Health services, with its advanced technological changes and high degree of specialization, offer many individual challenges. People in health services may work in a variety of settings including hospitals, medical and dental offices, community health care clinics, research laboratories and homes.

### **Human and Family Services**

Variety is the key feature of the jobs in the human and family services pathway. People in these occupations perform important functions in our communities. Students choosing this pathway will work in the hospitality and recreation field, public and community services, or personal service areas.

### **Engineering and Industrial Technology**

Modern technology has an enormous effect on our lives. The occupations represented in this pathway use and produce technology that makes life simpler. Manufacturing, construction, transportation and engineering are included in this pathway. Scientists, engineers, technologists and technicians all contribute to the development of technology.

## **STUDENT SUPPORT SERVICES: SCHOOL COUNSELOR OFFICE**

### **Credit Recovery**

Credit recovery will give high school students who have failed a class the opportunity to redo coursework or retake a course through alternate means to gain course credit. Credit Recovery will be offered as a course during the day. We will utilize an online credit recovery program called Edgenuity to deliver curriculum and instruction.

### **Guided Study**

Guided study is an opportunity for students to engage in independent study. It is designed for students who are in need of extra time to work on assignments, projects, and activities in a quiet learning environment supervised by a certified classroom teacher.

### **RtI**

Response to Intervention is a course that offers direct instruction to meet students individualized learning needs. Students will receive instruction in skill deficit areas that have been identified by our district's universal screener, STAR. Students will be placed in an RtI course if their score on the STAR test indicates that they are in need of academic support in order to be successful. Students may be placed in RtI for math or English Language Arts. They will receive instruction on an individualized basis from a certified math or English teacher.

### **Freshmen Success 101**

All Freshmen students will be required to take Freshmen Success 101. The course will focus on a variety of different skills. Executive functioning skills like organization, keeping a calendar, and the importance of keeping up with work. Social emotional skills will be a major part of the course including bullying, conflict resolution, working together, and building teamwork skills. This course will also fulfill the consumer education credit for high school graduation.

### **WAIVER OF PHYSICAL EDUCATION**

Physical education can be waived for the following circumstances: Participation in interscholastic athletics, marching band, dual credit courses, credit recovery courses, medical exemptions or religious principles. Medical exemptions must be accompanied by a letter from a physician stating reason for waiver from PE as well as length of time PE is to be waived. Exemption for religious principals must be accompanied by a letter from a member of the clergy stating how participation in physical education is in direct conflict to student's religious principles.

### **AGRICULTURE**

**Agricultural Business Management:** Prerequisite – Intro to Ag Industry or Basic Ag Science.

Grade Level: 10,11,12 / 1 credit – Elective Course: 1 year

This is a preparation level course designed to develop student skills in the areas of advanced agricultural business procedures, establishment of agricultural business, managing the agribusiness, financing the agribusiness, marketing and advertising, and sales. Product knowledge is stressed as it relates to the regional agricultural economic base. Students will apply safety practices and master such tasks as performing sales and sales-related duties; marketing animal and animal products; preparing and conducting sales promotional meetings; preparing cash flow projections, budgets, and credit plans; planning work schedules; determining labor needs; evaluating personnel performance; applying fertilizers and chemicals; planning a planting schedule; selecting seed varieties; and selecting planting dates. Leadership skill development is provided through the various programs offered by the national, state, sectional, and local FFA organization. This class is offered Dual Enrollment with DACC.

**Agricultural Environmental Science:** Prerequisite-Intro to Ag Industry or Basic Ag Science. Grade Level: 10,11,

12 / 1 credit– Elective Course: 1 year

This course examines the relationship of agriculture and the environment. The impact of plant and animal production practices on the environment and the adoption of practices leading to improved air, land, and water quality are investigated. Areas of emphasis include: types of ecosystems, management of waste, chemical use, soil conservation, land uses and regulations, and water and air quality. Encouraging students to be conscious and concerned about the environment and recognizing the need to conserve the environment and its resources will be a theme throughout. Careers of environmental technicians, soil and water conservationists, monitoring field technicians, land surveyor, and related occupations will be examined. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Agricultural Mechanics:** Prerequisite - Intro to Ag or Basic Ag Science. Grade Level: 10,11, 12 / 1 credit – Elective Course: 1 year  
The course will concentrate on expanding students knowledge and experiences with agricultural mechanics technologies utilized in the agricultural industry. Units of instruction included are: design, construction, fabrication, maintenance, welding, electricity/electronics, internal combustion engines, hydraulics, and employability skills. Careers of agricultural construction engineer, electrician, plumber, welder, equipment designer, parts manager, safety inspector, and other related occupations will be examined. Improving workplace and computer skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Basic Agricultural Science:** Grade Level: 9, 10, 11,12/ 1 credit – Elective Course: 1 year  
This orientation course builds on basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include agricultural research, soil science, advanced plant science, biotechnology, advanced animal science. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Biological Science Applications in Agriculture (BSAA):** Prerequisite - Intro to Ag or Basic Ag Science / Grade Level: 10,11, 12 / 1 credit – Elective Course: 1 year

This course is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Topics of study are in the areas of initiating plant growth (germination, plant sensory mechanisms, enzyme action, absorption), managing plant growth (photosynthesis, respiration, translocation, metabolism, and growth regulation), growth and development of animals (embryology, ethology, nutrition, immunity systems, and processing animal products (preservation, fermentation, and pasteurization). The course will be valuable preparation for further education and will increase the relevance of science through the applied setting of agriculture by enhancing literacy in science and the scientific process. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Food Science and Technology:** Prerequisite - Intro to Ag or Basic Ag Science/ Grade Level: 10,11,12 / 1 credit - Elective Course: 1 year

This course provides learning experiences in food science and safety which allow students to apply scientific knowledge and processes to practices used in the development and preservation of food products. Units of instruction include: principles of food preservation, food processing, biochemistry of foods, food selection, and consumer health. Students will use scientific and technological information about food science and safety as a part of developing career plans and personal viewpoints on societal issues concerning the development and preservation of food products. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

**Horticultural Production and Floral Design:** Prerequisite - Intro to Ag or Basic Ag Science .

Grade Level: 10, 11, 12 / 1 credit – Elective Course: 1 year

This class is designed to give students an overview of Horticulture and Landscape. It will focus on the horticulture industry, plant anatomy, plant propagation, greenhouse management, gardening, and several aspects of landscaping. Concepts taught in class will be reinforced with many different activities. The Horticulture class is responsible for the greenhouse as well as the landscaped features around the school. This course is also designed to provide students with the necessary tools for obtaining a job in a horticulture or landscape-related field.

**Introduction to the Agricultural Industry:** Prerequisite – None / Grade Level: 9, 10,11,12 / 1 credit – Elective Course: 1 year

This orientation course provides an opportunity for students to learn how the agricultural industry is organized; its major components; the economic influence of agriculture at state, national and international levels; and the scope and types of job opportunities in the agricultural field. Basic concepts in animal science, plant science, soil science, horticulture, natural resources, agribusiness management, and agricultural mechanics, will be presented. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are an integral course component for leadership development, career exploration and reinforcement of academic concepts.

With this course being a “hands-on” based study, the students will have an opportunity to find out just how many ways agriculture fits into everything around us.

**Vet Science:** Prerequisite - Introduction to Agriculture/Grade Level: 11,12/1 credit - Elective Course: 1 year

This course will develop students’ understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration

will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

## **BUSINESS & COMPUTER APPLICATIONS**

**Accounting 1-2:** Prerequisite: None / Grade Level: 11, 12 / 1 credit–Elective Course: 1 year

This course is designed to prepare the student for an entry-level position in the accounting/bookkeeping area or to prepare for further training at a post-secondary school. Students will learn the basic accounting concepts and terminology and then progress through three complete accounting cycles—a proprietorship, a partnership, and a corporation. Teamwork skills are developed through various group projects. Workbooks and business practice sets will simulate actual business records. Year 2- continues where Acct. I left off. 2nd semester Accounting II is an online dual credit class through DACC.

**Business and Technology Concepts:** Prerequisite: None / Grade Level: 9, 10 / 1 credit–Elective Course: 1 year

This orientation-level course is designed to foster an awareness and understanding of business, marketing, and management concepts. Students will be given valuable information they will need in order to make some of the most important consumer decisions of their lives. Areas of study include: (1) consumer rights, responsibilities and protection, (2) choosing a career, (3) banking services and investing, (4) budgeting, (5) income taxes, (6) credit, (7) housing, and (8) all types of insurance. This class is designed to educate students about our economy and how it functions. This course meets the consumer education requirement.

**Computer Concepts:** Prerequisite: None/Grade Level: 9, 10 / 1 credit–Elective Course: 1 year

This is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing, and management. Students will apply problem-solving skills to hands-on, real-life situations using word processing, spreadsheets, database management, internet explorer, presentation software, web page software, and desktop publishing.

**Computer Maintenance:** Prerequisite: None/Grade Level: 9, 10, 11/1 credit-Elective Course: 3 or 4 years

This course prepares students to apply basic electronic theory and principles in diagnosing and repairing personal Chromebooks and input/output devices. Students will gain an understanding of installing, maintaining, and repairing computers and Chromebooks. Students will also touch on network systems and digital control instruments as well as reviewing educational apps to include on a district Google site website.

**Marketing Sports:** Prerequisite: Business & Technology Concepts/Grade Level: 11, 12 / 1 credit - Elective Course: 1 year

This course introduces students to advertising, consumer research, product development, packaging, and selling. The emphasis is on employing basic marketing concepts and strategies. Particular attention will be focused on the development and implementation of marketing plans.

**Marketing-Merchandising:** Prerequisites: None/Grade Level: 9, 10, 11, 12/1 credit - Elective Course 1 year

This course is the study of the process of bringing a product to market. Course includes concepts such as deciding the products positioning and messaging, launching the product and ensuring sales force and customers understand it. Students in this course will also operate the Cornjerker Spirit Store.

**Graphic Design:** Prerequisite: None /Grade Level: 9, 10, 11, 12 / 1 credit - Elective Course: 1 year

Web Design students using Dreamweaver learn technologies and techniques used by professionals who design and produce commercial Web sites. Students will work in a project-based environment to create a working website. Course content includes hands-on training in page creation, site architecture, and file transfer techniques, as well as visual design principles, graphic production skills, and site automation strategies. Students will use Adobe Photoshop CS6 to manipulate scanned images, computer graphics, photos, and original artwork.

**Entrepreneur Course:** Prerequisite: Teacher approval/ Grade Level: 11, 12 / 1 credit - Elective Course: 1 year

This course is designed for students to expand their knowledge of business/marketing principles related to ownership and management of a business, traits, and characteristics of successful entrepreneurs, and strategies of business management and marketing. The development of a business plan related to the students' area of entrepreneurial interest is a course objective. The course will include the designing, developing, and creating of products to sell to the school district and sports boosters program.

**Robotics:** Prerequisite: None/Grade Level 11, 12/.5 credit - Elective Course: 1 semester.

The objective of this course is to introduce students to the field of Robotics and stimulate their interests in science and engineering through the participation of the entire engineering design process. This course covers a variety of multidisciplinary topics necessary to understand the fundamentals of designing, building, and programming robots. During this course, students will be required to gradually complete the design and construction of a robot using the EV3 Robotic kit and following the constraints and objectives for competing on the final project demonstration.

**Animation:** Prerequisite: None/Grade Level 11, 12/.5 credit - Elective Course: 1 semester

An introduction to general animation techniques, this course combines theoretical elements of film aesthetics with practical experience in animation filmmaking. Emphasis is on creating movement and expression utilizing traditional or electronically generated image sequences. Students are exposed to all types of animated film production through lectures, film presentations, studio work and outside assignments. This introductory course gives students a working knowledge of animation techniques necessary to design short animated sequences.

**Computer Programming - Coding C++:** Prerequisite: None/Grade Level 11,12/.5 credit - Elective Course: 1 semester

An introduction to the programming language C++. Students will learn basic programming code to write simple programs in C++ language. Students will earn 3 credit hours through DACC if they receive a grade of a C or higher in the class.

**Computer Programming - Advanced Coding C++:** Prerequisite: Coding C++/Grade Level 11, 12/.5 credit - Elective Course: 1 semester.

Continuation of Coding C++. Students will learn to code more advanced programs using C++ programming language. Students will earn 3 credit hours through DACC if they receive a grade of a C or higher in the class.

## **ENGLISH (LANGUAGE ARTS, LITERATURE, and COMMUNICATION)**

**English I:** Prerequisite – None / Grade Level: 9 / 1 credit– Required Course: 1 year

Emphasis is placed on mastery of grammar skills (such as sentence elements, mechanics, and usage), oral and written communication with stress placed on the logical development and support of a thesis, and vocabulary study to improve both reading and communication skills. The students will read, discuss, and write about short stories, novels, and plays and be able to analyze each critically.

**English I – Honors:** Prerequisite: At least a B in both semesters of previous English course; teacher recommendation / Grade Level: 9/ 1 credit – Course: 1 year

This is a concentrated course of reading and responding to literature through writing and group discussion. Choices presented will include novels, short stories, poetry, drama, and selections of nonfiction. They will become familiar with the writing process by exploring various writing strategies and applying them to persuasive, narrative, and expository essays. They will also work on grammar skills and vocabulary expansion.

**Applied English and Communications I:** Prerequisite - None/Grade Level: 9/1 credit - Required Course: 1 year.

Applied English and Communications courses teach students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. These courses usually emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials.

**English II:** Prerequisite - English I / Grade Level: 10 / 1 credit – Required Course: 1 year

English II emphasizes reading, writing, listening, and speaking. Each student is required to read independently in addition to the fiction and nonfiction works covered in class. The study of grammar and is incorporated throughout the year as well as an emphasis on improving vocabulary. Each student will use reading, writing, and research skills to complete various forms of writing throughout the year.

**English II – Honors:** Prerequisite: At least a B in both semesters of previous English course; teacher recommendation, English I / Grade Level 10 / 1 credit – Course: 1 year

English II Honors is designed for the academically-talented sophomore student to prepare them for Advanced Placement coursework their junior and senior years. Students will read the contemporary and traditional literature and historical works of various societies and eras to enhance their literal and interpretive comprehension. Students will develop expertise in the writing process and various writing strategies.

They will continue to do expository and argumentative writing and will begin to read and critically analyze various pieces of literature. There will be a summer homework component to this class that students must complete before the beginning of the school year.

**Applied English and Communications II:** Prerequisite - Freshman Level English course/Grade Level: 10/1 credit - Required Course: 1 year.

Applied English and Communications courses teach students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. These courses usually emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials.

**English III:** Prerequisite - English II / Grade Level: 11 / 1 credit – Required Course: 1 year

English III is a survey of American Literature covering short stories, novels, poetry, and plays. Also included in the course is a review of grammar and vocabulary study. The composition unit will stress the writing process through the development of both expository and creative essays.

**AP English III Language and Composition:** Prerequisite—At least a B in both semesters of previous English course; teacher recommendation, English II/ Grade Level: 11 / 1 credit – Required Course: 1 year

AP English Language and Composition will challenge the college-bound junior to become a skilled reader and writer. Students will critically examine prose from a rhetorical standpoint. The ability to synthesize a variety of sources is a skill that is developed, emphasized, and used frequently. Furthermore, visual literacy skills will be addressed since visual images and graphics will be included in the sources used for synthesis. Analytical, argumentative, and expository writing skills will be taught and used throughout the course. Research and revision processes will be emphasized. As a result, students will be expected to write frequently for a variety of purposes and to continuously revise their pieces according to feedback from the teacher and peers. Since the study of language is an integral part of the course, students will learn to apply grammatical conventions appropriately and will expand their vocabulary. Critical thinking skills will be expressed in writing and in their application to projects. In addition to working during class time, students will be expected to read, write, research, and work on projects and papers outside of class. **Note:** The course requires summer reading before the course begins.

**Applied English and Communications III:** Prerequisite - Sophomore Level English course/Grade Level: 11/1 credit - Required Course: 1 year.

Applied English and Communications courses teach students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. These courses usually emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials.

**English IV:** Prerequisite -English III / Grade Level: 12 /1 credit – Required Course: 1 year

English IV will consist of critical study of both American and World Literature. Included will be extensive practice in persuasive, informative, and narrative essays. Writing and research skills will be refined, including the production of a research paper.

**AP English IV Literature and Composition:** Prerequisite—At least a B in both semesters of previous English course; teacher recommendation, English III/ Grade Level: 12 / 1 credit – Required Course: 1 year

AP English Language and Composition will challenge the college-bound senior to become a critical reader. This is a course designed to assist students in developing literary analysis skills through close reading and analytical writing. Throughout the year, students will experience reading, analyzing, and evaluating a variety of literary genres, including novels, drama, and poetry, from the sixteenth century through the twenty-first century. As students read, they will annotate, journal, and discuss texts, resulting in creating both group and individual compositions in the form of presentations, times writing responses, and extended responses through literary analysis papers. Ultimately, the goal is for students to apply these skills in other academic disciplines while preparing for the AP test and college level work.

**Applied English and Communications IV:** - Prerequisite - Junior Level English course/Grade Level: 12/1 credit - Required Course: 1 year.

Applied English and Communications courses teach students communication skills—reading, writing, listening, speaking—concentrating on “real-world” applications. These courses usually emphasize the practical application of communication as a business tool—using technical reports and manuals, business letters, resumes, and applications as examples—rather than emphasize language arts skills as applied to scholarly and literary materials.

**Publications I (Journalism):** Prerequisite—Must have an A in previous year of English or B in previous year of AP English Or Honors English /Grade Level: 10, 11, 12 /1 credit—Elective Course: 1 semester

This advanced writing course, will challenge already-skilled writers to adapt and expand their capabilities regarding the written word.

Journalism" provides a dual experience for enrolled students. First semester students who are new to the course will learn about the process of writing and the role journalists play in the sustainment of a democratic society. Students can expect to learn about four distinct elements of news: 1) purpose and ethics in writing; 2) writing style; 3) generating ideas and gathering information; 4) features, photos, and production elements. Grammar, usage, and punctuation will be heavily emphasized. Second semester and second-year students will create a series of original articles (which may be published). Students will use knowledge of journalistic writing and learn methods of photography to develop content for possible publications by attending school events & activities, interviewing peers & staff, and highlighting HAHS. This course will require individual research and writing beyond the classroom setting.

**Orientation to Media:** Prerequisite – None / Grade Level: 10,11,12 / 1 credit – Elective Course: 1 year

Orientation to Media is a course designed to foster an awareness and understanding of the technologies used to communicate in our modern society. Students will gain experience in the areas of design and drafting, radio and television broadcasting, computers in communication, photography, graphic arts, and telecommunications.

**Independent Library Science:** Prerequisite - Approval by Librarian / Grade: 11, 12 / 1 credit – Elective Course: 1 year

This course provides students with direct experiences in library work. Each student is responsible for completing specific tasks designated by the librarian and for checking out library materials to students and teachers. Some computer skills are needed.

## **FINE ARTS**

**Art I:** Prerequisite – None / Grade Level: 9, 10 / 1 credit – Elective Course: 1 year

Art I is an introductory art course. Students will study the Elements of Art and Create projects relating to each. They will then work on concentrated studies in drawing and painting. Art fees for certain projects and a sketch book will be required. Students will also learn about different artists, art styles and art periods by use of the "Visual Experience" textbook and the "Scholastic Art" magazine. Art fees will be required for certain projects, portfolios, and sketch books.

**Art II:** Prerequisite - Art I (B avg. in Art I strongly recommended) / Grade Level: 10, 11 / 1 credit – Elective Course: 1 year

Art II is a continuation of Art I with emphasis on Art History and the addition of a study of the Principles of Art and related projects. Students will continue the use of similar materials as Art I such as the text, magazine, concepts and mediums. Art II students will utilize their creativity skills to design certain self-directed projects. Art fees will be required for certain projects, portfolios, and sketch books.

**Art III:** Prerequisite -Art I & II (B avg. in Art I & II strongly recommended) /Grade Level: 11, 12 / 1 credit – Elective Course: 1 year

This course is designed for the advanced student who wishes to better skills and develop style in clay, sculpture, drawing and painting. There will be a concentration in a wide variety of drawing media and a concentration in acrylic, oil, and watercolor painting. Art fees will be required for certain projects, portfolios, and sketch books.

**Art IV:** Prerequisite -Art I & II (B avg. in Art I & II strongly recommended) / Grade Level: 12 / 1 credit – Elective Course: 1 year

This course is designed for the advanced art student who is serious about creating art. Students will work on an individual level and be encouraged to develop their own style. Students are expected to work towards a show of their work at the Fine Arts Festival in May. Art fees will be required for certain projects, portfolios, and sketch books.

**Band:** Prerequisite – none / 1 credit – Elective Course: 1 year

This is an organization for the student who already knows how to play an instrument. It affords an opportunity to develop playing and listening skills in small and large ensembles. The band furnishes music at most of the athletic events, presents concerts and a musical, goes on tours during the school year, participates in many civic events, and competes in the state-approved contests.

**Jazz Band:** Prerequisite – Concurrent enrollment in band / 1 credit – Elective Course: 1 year

This course is a study of instrumental techniques as they relate to instrumental and contemporary jazz literature. The major topics are literature as they relate to contemporary and traditional jazz and pop styles. Other aspects of this course include participation in local concerns, regional festivals, and community activities. Appropriate performance attire is required.

**Chorus:** Prerequisite – None /Grade Level: 9-12 / 1 credit – Elective Course: 1 year

Chorus will develop vocal skills in a group setting. Concerts every six to eight weeks as well as District contest are required.

## **FOREIGN LANGUAGE**

**Spanish I:** Prerequisite – B in English/ 1 credit – Elective Course: 1 year

This course introduces students to the Spanish language and culture through practice of speaking, reading, and writing skills. Topics of discussion are family, friends, school, sports, time, weather, food, etc. There is an emphasis on Mexican, Spanish, and Latin American culture. Basic conversational skills are developed.

**Spanish II:** Prerequisite - Spanish I / 1 credit – Elective Course: 1 year

This course stresses an enlargement of vocabulary and an increase of grammatical difficulty. Continues cultural study of Spanish-speaking people, but Spain and Latin America are emphasized. Reading and writing skills are developed along with refinement of pronunciation. A workbook is required to reinforce grammar skills.

**Spanish III:** Prerequisite - Spanish I and II / 1 credit – Elective Course: 1 year

Emphasis is given to writing and oral communication in third-year Spanish. This includes correct usage of the grammar and vocabulary learned during Spanish I and II. Verb tenses not yet covered will be presented. An introduction to the subjunctive tense is included.

**Spanish IV:** Prerequisite - Spanish I, II and III/ 1 credit – Elective Course: 1 year

Emphasis is given to writing and oral communication in fourth-year Spanish. This includes correct usage of the grammar and vocabulary taught during Spanish I, II and III. Verb tenses not yet covered will be presented. Students will read and discuss Spanish literature as how it relates to Spanish history and culture.

## **INDUSTRIAL TECHNOLOGY EDUCATION**

**Introduction to Industrial Technology Education (I.T.E.):** Prerequisite – None / Grade Level: 9, 10 / 1 credit – Elective Course: 1 year

This is an introductory course students take to develop an awareness and understanding of the 4 basic areas of Industrial Technology. A series of four units will be taught on communication, transportation, manufacturing and construction. In each area we will be using the textbook to gain a background in that area. Then we do a hands-on activity or project to reinforce the subject. The course is designed to develop independent and creative thinking in students.

**Woods I:** Prerequisite - Intro to Industrial Technology (ITE) /Grade Level: 10, 11 / 1 credit – Elective Course: 1 semester

This class begins by reviewing and testing on workshop safety and procedures. The students each build a small project so every student may experience a basic variety of working tools, machinery, and procedures. Upon completion, the student then does a project within his/her ability level. Students will need to pay for materials before beginning work on the project.

**Construction-Introduction to Building Trades:** Prerequisite – Industrial Technology (ITE) required; / Grade Level: 10, 11 1 credit – Elective Course: 1 semester

A one-semester orientation class that further defines the concepts learned in Introduction to Technology. Students are introduced to the principles, practices, procedures, materials, tools and equipment in the construction, installation and maintenance of residential buildings. Students will complete a series of reading and writing exercises as well as practical, hands-on-lab instruction.

**Manufacturing I-II:** Prerequisite - Woods required - Building preferred / Grade Level: 11, 12 / 1 credit – Elective Course: 1 year After reviewing and testing on workshop safety and procedures, we examine on how a corporation operates. The students form a corporation by electing officers and investing in corporation stocks. Our corporate funds purchase materials to mass-produce the products. The students advertise, market, and sell the product to the public. Ledgers of all transactions; costs and profits are figured; then profits are divided between the shareholders in the form of credit in the department. The second semester is dedicated to the students working on projects of their choice.

**Manufacturing III-IV:** Prerequisite – Manufacturing I-II / Grade Level: 12 /1 credit – Elective Course: 1 year

This course is an extension of Manufacturing I-II. The students use their knowledge and skills developed in Introduction to Industrial Technology, Woods and Manufacturing I-II to complete projects of their choice.

## **MATHEMATICS**

**Integrated Mathematics I:** Prerequisite – None / Grade Level: 9 / 1 credit Required Course: 1 year

Integrated Mathematics I is the first of a three course series that uses an integrated approach in presenting the same Algebra and Geometry concepts that are covered in the traditional courses. This approach is meant to provide greater focus and coherence in the math

curriculum. Mathematics I presents concepts that lay the foundation for more advanced courses in the series by covering many of the same topics as in Mathematics II, but at a more basic level. Topics to be covered include: The Number System & Quantities, Algebra, Functions, Modeling (relationships & variables), Geometry, and Statistics & Probability.

**Integrated Mathematics II:** Prerequisite—Integrated Mathematics I / Grade Level: 10 / 1 credit. Required Course: 1 year Integrated Mathematics II is the second of a three course series that uses a more integrated approach to cover the same algebra and geometry concepts and skills that are included in the traditional three course series. Topics that will be covered in depth include: Extending the Number System, Quadratic functions, Similarities, Right Triangles and Trigonometry, Probability, and Circles.

**Integrated Mathematics III:** Prerequisite—Integrated Mathematics II / Grade Level: 11 / 1 credit Required Course: 1 year Integrated Mathematics III is the third of a three course series that uses an integrated approach in presenting the same Algebra and Geometry concepts that are covered in the traditional courses. Math III builds from the concepts learned from Math I and Math II. Topics to be covered are: Statistics, Geometry proofs and Modeling proofs, Polynomials, Logarithms, and Trigonometry (Sine, Cosine, and Tangent).

**Pre-Calculus/Trig I:** Prerequisite – Integrated Math I, II, III / Grade Level: 11, 12 / 1 credit – Elective Course: 1 year This is a full year course covering trigonometry and pre-calculus topics, including logarithms, sequences, and statistics. This course is designed for college bound students with a strong math background. **Scientific calculator** is needed.

**Calculus:** Prerequisite - Trig / Grade Level: 12 / 2 credits – Elective Course: 1 year This course is designed for those seniors who have completed Pre-Calculus/Trig I and plan to take college calculus. It is a full year calculus course, covering limits, differentiation, and integration. A non-calculus statistics project is required. Scientific calculator is needed.

**Advanced Placement Calculus A-B:** Prerequisite - Trig / Grade Level: 12 / 1 credit – Elective Course: 1 year This course is designed for those seniors who have completed **Pre-Calculus/Trig I** and plan to take college calculus. It is a full year calculus course, covering limits, differentiation, and integration. A non-calculus statistics project is required. Scientific calculator is needed.

**Statistics (DACC Math 115 Dual Credit):** Prerequisite – Integrated Math II /Grade Level: 12 / 1 credit – Elective Course: 1 year This course teaches the study of basic statistical techniques. Topics include the nature of data, graphical representations of data, descriptive measures of centrality, dispersion, and position; probability concepts, binomial and normal distributions; sampling concepts, inferential statistics and hypothesis testing; analysis of linear regression concepts such as correlation coefficient and slope of the regression line; instruction on the writing of statistical reports and drawing conclusions from data analysis; use of standard statistical software packages.

**Consumer Math:** Prerequisite – Integrated Math I & II / Grade Level: 11, 12/1 credit – Elective Course: 1 year The course is designed to show how basic mathematical operations and skills can be used to solve real-life problems. Topics addressing practical math applications include: personal decision making, money management, personal income (wages and salaries), buying goods & services, insurance(s), utilities, vacation planning, and managing a household. Students will participate in activities that promote cross-curricular learning and problem-solving. Students must be approved for this course.

**Transitional Math Quantitative Literacy/College Statistics:** Prerequisites- Integrated Math I, II, & III/Grade Level:12/ .5 credit - Elective Course: 1 semester Non STEM fields that require liberal arts math and/or statistics. Semester 1 of this course focuses on the use of numeracy and basic algebra skills through reading word-based problems and determining the needed algebraic and numeric concepts. Semester 2 is dual enrollment College Statistics through DACC.

**Transitional Math STEM/College Algebra:** Prerequisites: Integrated Math I, II, III/Grade Level: 12/.5 credit - Elective Course: 1 semester STEM related fields or ones that require college algebra. Semester 1 of this course focuses on using algebra 2 skills and concepts successfully in a College Algebra class. Emphasis is on problem-solving in contextual and non-contextualized situations transitioning from procedural algebra to graphical representations.

## **PHYSICAL DEVELOPMENT, HEALTH, and SAFETY**

**Driver Education:** Prerequisite - Students must have passed 8 classes in the last two semesters/Grade Level: 9 / .5 credit – Required Course: 1<sup>st</sup> or 2<sup>nd</sup> semester

This is a two-part beginning driver education course. It consists of a semester of classroom instruction of over 30 hours of instruction on the basic principles of driving. The textbooks used are *License to Drive* and *Rules of the Road*. The second part consists of the practical

application of driving and basic maneuvers in traffic situations. This part is six hours of behind the wheel instruction which will last a minimum of six weeks and should be completed by the student's 16<sup>th</sup> birthday.

**Health:** Prerequisite – None / Grade Level: 9 / .5 credit – Required Course: 1 semester

This course tries to get the student to open their minds to modern health problems that exist today. Health Education is part of a health promotion program that assists students in developing the knowledge, attitudes and skills necessary to monitor their health status. The Health Education course will motivate students to apply current health information and skills to promote their physical, mental/emotional and social health.

**Physical Education:** Prerequisite – None / 1 credit - Required four years Course: 1 year

This year-long course is designed to improve the physical, mental, and emotional development of students in individual and group modes. For the individual, emphasis is placed on increased flexibility, body strength, muscle toning, and cardiovascular enhancement. Group activities and games for relaxation, recreation, and group interaction are stressed. Students are required to wear PE clothing (PE T-Shirts with students name are required and white socks and tennis shoes. **P.E. Waiver is discussed on page 13.**

**Advanced Physical Education: Personal Fitness:** Prerequisite – None / 1 credit - Required four years Course: 1 year

Prerequisite – Must have obtained a B in Physical Education the previous semester. Course: 1 year. This course is designed to improve the physical development of students through more advanced strength, speed, agility, quickness, wellness and nutrition concepts. Students are required to wear PE clothing (White or Grey T-shirt and Blue Shorts) and white socks and tennis shoes.

## **SCIENCE**

**General Science-Physical Science:** Prerequisite – None / Grade Level: 9 / 1 credit – Required Course: 1 year

This is a year-long course that introduces basic physics, chemistry, and earth science concepts. Emphasis is placed on study skills, problem solving methods, and graphing while learning about the atomic model, chemical reactions, the Periodic Table of Elements, motion, forces, energy, and Earth and its place in the Universe. A **calculator** is required.

**Biology I:** Prerequisite - General Science-Physical Science / Grade Level: 10, 11 / 1 credit– Required Course: 1 year

Biology I is a general survey course providing a broad conceptual foundation to the life sciences. Emphasis is placed on the molecular basis of life and challenges to it on a personal and public level, including modern genetics, evolution, and man's impact on the ecosystem.

**Biology II:** Prerequisite - Grade C or better in Biology I / Grade Level: 11, 12 / 1 credit – Elective Course: 1 year

Advanced course designed for students wishing to extend their biology studies beyond the introductory course. This course will include a thorough survey of the kingdoms of living things. Bacteria, Plant, and Animal anatomy and development will be emphasized. Lecture, laboratory exercises, special projects required. Dissection of various different animals are required.

**Chemistry:** Prerequisite - Algebra II or current enrollment / Grade Level: 11, 12 / 2 credits – Elective Course: 1 year

This is a general chemistry class that emphasizes problem solving, inference, interpretation, and critical thinking for both the college bound and general studies student through lectures and labs. Topics include the composition of matter, the Periodic Table, chemical reactions, and energy. A **scientific calculator** is required.

**Anatomy: Prerequisite –** Biology I /Grade C or better in Biology 2 / Grade C or better in Chemistry / Grade Level: 12 / 1 credit – Elective Course: 1 year

Anatomy is an advanced course designed for students wanting to learn about the human body in depth. This course covers the major body systems including skeletal, muscular, cardiovascular, digestive, respiratory, nervous, urinary, and reproductive. Students looking for a career in the health field are strongly encouraged to take anatomy. This course includes required dissections including a cat, sheep heart and sheep eye for comparative purposes. (Current Capacity is 20 students)

**Physics:** Prerequisite - Two years of Math including Algebra I - II / Grade Level: 12 / 1 credit– Elective Course: 1 year

The fundamental concepts of physics laws are developed using basic principles of mechanics, heat, light, sound, and electricity for both the college bound and general studies student. Critical thinking and problem-solving skills are emphasized through experiments and demonstrations. A **scientific calculator** is required.

## **SOCIAL STUDIES**

**World Geography:** Prerequisite – None / Grade Level: 9-12 / 1 credit– Course: 1 year

A study of world regions differentiated by land, climate, and culture; includes evaluation of politics, physical environments, historical and contemporary events and their effect on inhabitants, and the interaction between people and resources with those regions. Students are to understand the perspective of their own role in the world and to recognize the accomplishments and difficulties of others living on our planet.

**World History:** Prerequisite - None/Grade Level: 9-12 / 1 credit - 1 year

This survey course is designed to give students a deeper understanding of the civilizations from throughout the history of the world. We will examine the interactions of humans and civilizations in order to better understand how they shaped our current world. By understanding what shaped civilizations and how they interacted with each other, students will predict how civilizations of the modern age interacted and responded to challenges. Throughout this course, an examination of various components of each civilization will include: social, political, interactions, culture and economy.

**U.S. History:** Prerequisite - None / Grade Level: 11 / 1 credit – Required Course: 1 year

A survey course designed to give students a broad understanding of the political, economic, social, and cultural aspects of our country's history from reconstruction to the present. We will consider specific topics in-depth. Special emphasis is placed on critical thinking skills expressed through writing.

**Civics & Government:** Prerequisite–None/Grade Level: 12 / 1 credit – Required Course: 1 year.

A comprehensive study of the fundamental principles and structures of the American Federal System. Topics and activities examined will include: government institutions, the nomination and election process, discussion of current and controversial issues, simulations of the democratic process, and the rights guaranteed by the Constitution. The Federal and Illinois Constitution Tests required for graduation by the State of Illinois are taken during this course. In addition, the state's service learning requirement is successfully completed through "Project Citizen."

**AP United States Government & Politics:** - Prerequisite-At least a B in both semesters of previous English and History courses or equivalent to / Grade Level: 12 / 1 credit - Required Course: 1 year

This College-level course gives students an analytical perspective on government and politics in the United States. This course involves both the study of general concepts used to interpret U.S. politics and the analysis of specific case studies. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute United States political reality. This course fulfills the graduation requirement of two semesters of Government. The Federal and Illinois Constitution Tests required for graduation by the State of Illinois are taken during this course. A citizenship project will also be completed. Course activities include reading periodicals and daily newspapers, as well as a college textbook and supplementary readings. Students will be required to integrate information obtained from readings, discussions, and lectures to answer detailed multiple-choice questions as well as writing analytical and argumentative essays. Students who enroll in this course are required to take the Advanced Placement Examination in American Government and Politics in May. Success on the AP text may result in college credit.

**U. S. History through Film:** - Prerequisite-At least a C in both semesters of U. S. History courses or equivalent to / Grade Level: 12 / 1 credit - Elective Course 1 year

This course examines historically oriented motion pictures as both primary and secondary sources of information about the past. It starts from the premise that the content in films, as with written sources, can (and should) be critically analyzed for its perspectives, interpretive choices, biases, and reliability. The course examines the relative successes or failures that major films have had in portraying the past, and analyzes how present events, cultures and attitudes shape our view of the past. As historians we typically analyze and use traditional primary and secondary sources (e.g., historical documents and scholarly articles and monographs); it is possible and helpful to apply many of those same skills (and much of the same skepticism) to our approaches to non-traditional sources, such as these films. The course will demand 12th grade-level composition work, honing student writing and revision skills as they write reaction and analysis papers to films viewed in class. This course is intended for seniors so mature behavior is expected during the viewing of these films. Parental consent will be required for students enrolling in this course due to the graphic and violent nature of some of the films. Permission forms must be signed by the parents/guardians and must be turned in by the students prior to viewing our first film of the course

**Educational Psychology:** Placement in DACC ENGL 101/Grade Level: 11,12/.5 credit - Elective Course: 1 semester. This basic course in psychology of education for prospective teachers explores materials and principles from the various fields of psychology applied to the practical problems of teaching.

**Nature of Teaching Professions:** Placement in DACC ENGL 121/Grade Level: 11,12/.5 credit - Elective Course: 1 semester.

This course provides an introduction to teaching as a professional in the American education system. It offers a variety of perspectives on education including historical, philosophical, social, legal, and ethical issues in a diverse society and includes organizational structure and school governance.

## **WORK EXPERIENCE**

**Diversified Occupations (D.O.):** Prerequisite: Seniors: 1 credit per class period/ 2-3 class periods/4-6 credits—Elective course: 1 year.

This course is designed to give students experience in the “real” work world. Students will earn pay and school credit. Students must apply and be accepted into this program through an application process that includes teacher evaluation, grade and attendance review, interviews, etc. The student is responsible for locating his own job in an area related to that student’s career interests. The job must be in place and be approved by the D.O. coordinator prior to fall registration. All D.O students will sign a contract agreeing to maintain certain grade, behavior, and attendance standards.

**S.T.E.P. (Secondary Transition Experience Program):** Grade Level: 11, 12 / 1-4 class periods / 1-4 credits – Elective Course: 1 year

S.T.E.P. is a vocational education program available to students who face vocational barriers to employment. Students are placed on job-training sites in the Hoopston area for a minimum of two hours each school day. Students receive on-the-job training in addition to work-related classes. School credit is earned along with a paycheck. Employers, teachers and the prevocational coordinator work as a team to help the student get the maximum benefit from the program to prepare for life after graduation.

## **DACC COURSES: Classes held at Danville Area Community College**

**Agriculture Education:** Prerequisite – Grades 11, 12 - Good attendance and test scores/3 class periods/3 credits – Elect. Course: 2 years

- ◆ Grain/Drying Storage
- ◆ Agriculture Management
- ◆ Employment Seminar
- ◆ Agriculture Economics
- ◆ Ag Mechanization

**Auto Mechanics:** Prerequisite—Grades 11, 12 - Good attendance and test scores /3 class periods / 3 credits - Elect. Course: 2 years

- ◆ Intro to Engine Technology
- ◆ Engine Overhaul
- ◆ Fuel Systems & Emission Controls
- ◆ Steering & Suspension Systems
- ◆ Braking Systems

**Business Administrative Technology:** Prerequisite- Grades 11,12 - Good attendance and test scores/3 class periods/3 credits - Elective Course: 2 years

- ◆ Social Media for Business
- ◆ Virtual Technology for Business
- ◆ Fundamentals of Business Documents
- ◆ Business Communication Strategies

**Computer Networking:** Prerequisite: Grades 11, 12 - Good attendance and test scores / 3 class periods/3 credits – Elective Course: 2 years

- ◆ Client Operating Systems
- ◆ Server Operating Systems
- ◆ A+ Certification Preparation
- ◆ TBD

**Computer Programming:** Prerequisite: Grades 11, 12 - Good attendance and test scores / 3 class periods/3 credits – Elective Course: 2 years

- ◆ Intro to C# Programming
- ◆ Advanced C# Programming
- ◆ Concepts in Programming C++
- ◆ Advanced C++ Programming

**Construction Trades:** Prerequisite: Grades: 11, 12 - Good attendance and test scores / 3 class periods/3 credits – Elective Course: 1 year

- ◆ Intro to Construction Operations
- ◆ Basic Carpentry I
- ◆ Basic Carpentry II
- ◆ Basic Residential Wiring

**Criminal Justice:** Prerequisite - Grades 11, 12 - Good attendance and test scores/3 class periods/3 credits – Elective Course 2 years

- ◆ Patrol Techniques
- ◆ Intro to Corrections
- ◆ Intro to Criminal Justices
- ◆ Criminology

**Culinary Arts:** Prerequisite - Grades 11, 12-Good attendance and test scores/3 class periods/3 credits – Elective Course 2 years

- ◆ Bake Shop I
- ◆ Cooking Methods & Principles
- ◆ Culinary Essentials
- ◆ Bakeshop II

**Early Childhood Education:** Prerequisite- Grades 11, 12 - Good attendance and test scores/ 3 class periods/3 credits – Elective Course: 2 years

- ◆ Children's Literature
- ◆ Math & Science for Young Children
- ◆ Guiding Children
- ◆ Creative Learning Experiences

**Graphic Design:** Prerequisite: Grades: 11, 12 - Good attendance and test scores / 3 class periods/3 credits – Elective Course: 1 year

- ◆ Photoshop
- ◆ Illustrator
- ◆ Layout & Design Principles
- ◆ Digital Publication on InDesign for Business
- ◆ InDesign

**Health Occupations:** **Course is delivered at the Hoopston Higher Learning Center.** Prerequisite – Grades 11, 12 - Good attendance and test scores / 2 class periods/2 credits – Elective Course: 2 years

- ◆ Orientation to Health Occupations Fields
- ◆ Role of Nursing Assistant (Health Occ I)
- ◆ Role of Nursing Assistant (Health Occ II)
- ◆ Basic Nursing Procedures

**Horticulture:** Prerequisite - Grades 11, 12-Good attendance and test scores/3 class periods/3 credits Elective Course 2 years

- ◆ Intro to Horticulture Science
- ◆ Greenhouse Culture

- ◆ Intro to Floral Design
- ◆ Landscape Principles

**Industrial Technology:** Prerequisite - Grades 11, 12 - Good attendance and test scores/3 class periods/3 credits -Elective Course 2 years

- ◆ Key Principles of Advanced Manufacturing
- ◆ Manufacturing I
- ◆ Manufacturing II
- ◆ Technology in Advanced Manufacturing
- ◆ SOE Industrial Tech Paid Internship

**Welding:** Prerequisite - Grades 11, 12 - Good attendance and test scores /3 class periods/3 credits – Elective Course 2 years

- ◆ Structural Welding
- ◆ Pipe Welding
- ◆ Blueprint Reading for Welders
- ◆ Advanced Pipe Welding
- ◆ Welding for Manufacturing
- ◆ Cutting & Materials Prep

**NIMS (National Institute for Metalworking Skills) ThyssenKrupp Youth Apprentice Program:** Prerequisite– Special Application Required/ Grades 11, 12/ 3 class periods/3credits - Elective Course 2 years

This program advanced manufacturing skills needed to be successful in the automotive industry. Apprentices will complete the NIMS Certification, a national certification for job placement in metal working. This is a paid internship program that only allows 10 candidates in a year. Youth Apprentices will attend school and also work at least 6 hours a week at ThyssenKrupp Presta. Youth will rotate between 5 departments allowing time for a practical knowledge of the auto business. This is a 2 year program which starts the summer after 10<sup>th</sup> grade.

- ◆ Machining I
- ◆ Technical Math
- ◆ Machining II
- ◆ Key Principles of Advanced Manufacturing
- ◆ Special Project
- ◆ Machine Tools III

**Project Lead the Way (Pre-Engineering):** Prerequisite– Special Application Required and Algebra II with B or better / Grades 11, 12 /3 class periods/3 credits - Elective Course 2 years

This program is comprised of four courses taken in sequence that satisfy some transfer and some career degree requirements. Students may earn up to fourteen (14) credit hours in pre-engineering courses designed to encourage interest in the engineering field.

- ◆ Introduction to Engineering Design
- ◆ Digital Electronics
- ◆ Introduction to Engineering Design
- ◆ Computer Integrated Manufacturing
- ◆ Principles of Engineering

## STUDENT 4 YEAR PLAN OF STUDY WORKSHEET

Name \_\_\_\_\_ Grade \_\_\_\_\_ Date \_\_\_\_\_

Although this program may be changed at the beginning of each year by counseling with your high school counselor, serious thought should be given to your plans now. Once you let a course slip by, it is very difficult or impossible to pick it up in succeeding years. Take the courses in logical order and choose wisely.

<u>GRADE 9</u>	<u>GRADE 10</u>
1. English I or Honors English I or Applied English I	1. English II or Honors English II or Applied English II
2. Integrated Math I or II or Transitional Math I	2. Integrated Math II or III or Transitional Math II
3. General Science	3. Biology I
4. Health/Classroom Driver's Education	4. Physical Education
5. Physical Education	5. Elective
6. Freshmen Success 101	6. Elective
7. Elective	7. Elective
8. Elective	8. Elective
<u>GRADE 11</u>	<u>GRADE 12</u>
1. English III or AP English Language and Composition or Applied English III	1. English IV or AP English Literature and Composition or Applied English IV
2. United States History	2. United States Government or AP United States Government & Politics
3. Integrated Math III or Pre-Calculus/Trigonometry	3. Physical Education
4. Physical Education	4. Elective
5. Elective	5. Elective
6. Elective	6. Elective
7. Elective	7. Elective
8. Elective	8. Elective

**Career Pathways:** Agriculture, Arts and Communications, Business, Health Services, Human and Family Services, Engineering/Industrial Technology

Career Pathway \_\_\_\_\_

Date \_\_\_\_\_

## Subjects Available for Grade 9 Students

Name \_\_\_\_\_

9th Grade

**Elective Choices:**

<b>FOREIGN LANGUAGE</b> Spanish I (only if you have a B in English now)	<b>BUSINESS</b> Business & Technology Concepts Computer Concepts Computer Maintenance Marketing-Merchandise Marketing SPorts Graphic Design
<b>FINE ARTS</b> Art I Band Chorus Jazz Band Flags	<b>INDUSTRIAL TECHNOLOGY (I.T.E.)</b> Intro. to Industrial Technology
<b>AGRICULTURE</b> Intro. to Ag Industry Basic AG Science	<b>MISC</b> Guided Study World History World Geography

### Fill in two elective choices

Pick 2 electives from above and circle the correct English and Math classes  
 If you want to take **Band and Chorus**, write both on elective lines below

<b>Subject</b>
English I or Honors English I or Applied English I
General Science
Freshman Success 101
Integrated Math I or Integrated Math II or Transitional Math I
Driver Education Classroom/Health
Physical Education
Elective 1 Choice:
Elective 2 Choice:

Parent/Guardian Signature \_\_\_\_\_

Career Idea \_\_\_\_\_

**Pathways:** Agriculture, Arts/Communications, Business, Health Services, Human/Family Services, Engineering/Industrial Technology

## Subjects Available for Grade 10 Students

Name \_\_\_\_\_

10<sup>th</sup> Grade

**Elective Choices:**

<b>FOREIGN LANGUAGE</b> Spanish I Spanish II	<b>BUSINESS</b> Business & Technology Concepts Computer Concepts Accounting I Computer Maintenance Marketing Merchandise Marketing Sports Robotics & Animation Graphic Design
<b>FINE ARTS</b> Art I Art II Band Chorus Jazz Band Flags	<b>INDUSTRIAL TECHNOLOGY (I.T.E.)</b> Intro. to Industrial Technology /Building /Woods
<b>AGRICULTURE</b> Intro. to Ag Industry Basic Ag Science Ag Mechanics Horticultural Science I Biological Sciences in Ag Food Science Ag Business Management	<b>MISC</b>  Guided Study Orientation to Media World Geography World History
<b>LANGUAGE ARTS</b> Journalism (Must finish English I with an A)	<b>SCIENCE</b> Chemistry (only if you enroll in I. Math III)
<b>/One Semester Course Only</b>	

### Fill in 3 elective choices

Fill in 3 electives from above and circle correct English and Math class

<b>Subject</b>
English II or Honors English II or Applied English II
Biology I
Integrated Math II or Integrated Math III or Transitional Math II
Physical Education
Elective Choice 1 -
Elective Choice 2 -
Elective Choice 3 -
Elective Choice 4 -

Parent/Guardian Signature \_\_\_\_\_

Career Idea \_\_\_\_\_

**Pathways:** Agriculture, Arts/Communications, Business, Health Services, Human/Family Services, Engineering/Industrial Technology

## Subjects Available for Grade 11 Students

Name \_\_\_\_\_

Grade 11

### Elective Choices:

<b>FOREIGN LANGUAGE</b> Spanish I Spanish II Spanish III	<b>SCIENCE</b> Biology I Biology II Chemistry	<b>INDUSTRIAL TECHNOLOGY</b> Manufacturing 1-2 /Building /Woods
<b>FINE ARTS</b> Art I Art II Art III Band Chorus Flags	<b>BUSINESS</b> Accounting I or II Marketing Graphic Design Computer Maintenance Entrepreneurship Marketing Merchandise Robotics & Animation Coding C++	<b>MISC</b>  Guided Study **Orientation to Media Nature of Teaching Educational Psychology World Geography World History
<b>LANGUAGE ARTS</b> Journalism **ADV Library Science	<b>AGRICULTURE</b> Ag Environmental Science Horticulture I or II BSAA Ag Mechanics Ag Food Science Vet Science Ag Business	<b>DIVERSIFIED OCCUPATIONS (D.O.)</b> Work up to <u>3 Class Periods</u>
<b>DACC COLLEGE EXPRESS</b> <b>COLLEGE EXPRESS USES 3 CLASS PERIODS</b>		
Agriculture Education	Auto Mechanics	Business Administrative Technology
Computer Networking	Computer Programming	Construction
Criminal Justice	Culinary Arts	Early Childhood Education
Graphics Design	Health Occupations at HLC	Horticulture
Sustainability & Environmental Studies	Welding	
<b>Project Lead the Way</b> (Pre-Engineering) 7:30-9:00am ***Special Application	N.I.M.S. (Thyssen Krupp Youth Apprenticeship Program) *** Special Application	
<b>**Teacher Recommendation /One semester course only</b>		

Fill in 4 Electives from above and circle correct English, Math and PE classes below

<b>Subject</b>
English III or AP English III Language and Composition or Applied English III
American History
Integrated Math III, Pre-Calculus/Trigonometry
Physical Education or Advanced PE
Elective 1 Choice -
Elective 2 Choice -
Elective 3 Choice -
Elective 4 Choice -

Parent/Guardian Signature \_\_\_\_\_

Career Idea \_\_\_\_\_ **Pathways:** Agriculture, Arts/Communications, Business, Health Services, Human/Family Services, Engineering/Industrial Technology

## Subjects Available for Grade 12 Students

Name \_\_\_\_\_

12th Grade

**Elective Choices:**

<b>FOREIGN LANGUAGE</b> Spanish I Spanish II Spanish III Spanish IV	<b>SCIENCE</b> Biology II Chemistry Anatomy Physics	<b>MISC</b> Guided Study **Orientation to Media	<b>AGRICULTURE</b> Ag Business Management Ag Environmental Science Ag Mechanics Horticulture I or II BSAA Ag Food Science Vet Science
<b>FINE ARTS</b> Art I Art II Art III Art IV Band Chorus Jazz Band Flags	<b>BUSINESS</b> Accounting I or II Marketing Sports Graphic Design Entrepreneurship Marketing Merchandise Robotics & Animation Coding C++		<b>MATH</b> Int. Math III Pre-Calc-Trig AP Calculus Statistics Consumer Math Transitional Math QL Transitional Math STEM
<b>LANGUAGE ARTS</b> Journalism **ADV Library Science	<b>INDUSTRIAL TECHNOLOGY</b> Manufacturing 1-2 Manufacturing 3-4	<b>SOCIAL STUDIES</b> Nature of Teaching Educational Psychology US History thru Film World History World Geography	
	<b>DIVERSIFIED OCCUPATIONS (D.O.)</b> Work up to <u>3 class periods</u>	<b>**Teacher Recommendation</b> /One semester course only	
<b>DACC COLLEGE EXPRESS</b> <b>COLLEGE EXPRESS TAKES UP 3 CLASS PERIODS</b>			
Agriculture Education	Auto Mechanics	Business Administrative Technology	
Computer Networking	Computer Programming	Construction	
Criminal Justice	Culinary Arts	Early Childhood Education	
Graphic Design	Health Occupations at HLC	Horticulture	
Sustainability & Environmental Studies	Industrial Technology	N.I.M.S. (Thyssen Krupp Youth Apprenticeship Program) *** Special Application	
	Welding <b>Project Lead the Way</b> (Pre-Engineering) 7:30-9:00am ***Special Application		

Fill in 4 Electives from above and circle correct English & PE class below

Subject
English IV or AP English IV Language and Composition or Applied English IV
Government or AP Government
Physical Education or Advanced PE
Elective Choice 1 -
Elective Choice 2 -
Elective Choice 3 -
Elective Choice 4 -
Elective Choice 5 -

Parent/Guardian Signature \_\_\_\_\_

Career Idea \_\_\_\_\_ Pathways: Agriculture, Arts/Communications, Business, Health Services, Human/Family Services, Engineering/Industrial Technology