

Orion High School

Home of the Chargers!

2026-2027
COURSE
DESCRIPTION
BOOK



.....

**“GROWING COMPETITIVE
GREATNESS”**

1100 13th Street - PO Box 39 - Orion, IL 61273 - 309.526.3361

Updated: 11/25/2025

Welcome to the Orion Community Unit School District!



DISTRICT OFFICE

1002 11th Avenue
PO Box 189
Orion, IL 61273
309.526.3388

ORION MIDDLE SCHOOL

800 12th Avenue
PO BOX 129
Orion, IL 61273
309.526.3392

C.R. HANNA ELEMENTARY SCHOOL

900 14th Avenue
PO Box 159
Orion, IL 61273
309.526.3386

FIVE CORE VALUES

& THE KEY TO SUCCESS AT OHS

- . **INTEGRITY**
- . **RESPONSIBILITY**
- . **RESPECT**
- . **PERSERVERANCE**
- . **LEADERSHIP**

ORION HIGH SCHOOL

ADMINISTRATORS

Mr. Chad Bahnks.....Superintendent
Mr. Nathan DeBaillie.....Principal
Mr. Brent Hutton.....Academic Dean
Ms. Ashlee Amador.....Athletic Director
Ms. Jennifer Bakener.....School Counselor
Mrs. Tara Stropes.....Registrar
Mrs. Michelle Amador.....Accounting/
Secretary
Mrs. Anita Jackson.....Secretary
Ms. Christina White & Mrs. Marcy Wegerer
.....Co-CTE Directors

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GENERAL INFORMATION

REGISTRATION GUIDELINES

A four year plan worksheet is available for your use on page 8.

We strongly encourage all students to give serious consideration to completing the four year plan. This will help insure that students have a well planned high school education that will lend itself to post high school plans.

Please carefully read through the Course Description Book paying particular attention to graduation requirements, college entrance requirements (2- and 4-year program), course descriptions, and prerequisites.

Please work closely with your school counselor for any assistance you may need in completing the four year plan prior to completing course request forms each year.

COLLEGE ENTRANCE REQUIREMENTS

Students are strongly urged to work closely with their school counselor regarding college entrance requirements. The following link offers information in regards to undergraduate admissions and financial information for all state funded Universities in Illinois.

[Illinois At-A-Glance](#)

ACADEMIC ELIGIBILITY

In order to participate in any high school extracurricular activity, a student must not fail more than two semester courses (1.0 credit) the semester prior to the extracurricular activity season. Students must also remain eligible on a weekly basis with no F's.

CREDIT RECOVERY OPTIONS

If students fall behind in credits, students have the option to enroll in one of the following programs; Edgenuity in-house Summer School Program, the American School Independent Study Program, or the Black Hawk College Outreach Program. Please reach out to your counselor to discuss these options in greater detail, as well as the cost.

NCAA & NAIA ELIGIBILITY

Student-athletes interested in Division I, II, or III collegiate athletics should register at the [NCAA Eligibility Center](#) and print off the NCAA Guide for the College-Bound Student-Athlete. It is important that students and families review the Division I and II academic, athletic, and scholarship requirements prior to submitting student course requests each year.

Student-athletes interested in NAIA sports should register at the [NAIA Eligibility Center](#) and print off the NAIA Guide for the College-Bound Student-Athlete. As with NCAA, it is important that students and families review the NAIA eligibility requirements prior to submitting student course requests each year.

FAFSA

The FAFSA (Free Application for Federal Student Aid) is a free federally-required form for students seeking financial aid for college. State law now requires all Illinois public high school seniors to complete the FAFSA or the Alternative Application for Illinois Financial Aid (Alternative Application) in order to receive a high school diploma. Students who choose not to file an application must complete the [FAFSA Non-participation Form](#).

Please reach out to your counselor for assistance with completing the form.

[FAFSA Application](#)

COURSE LOAD

All students are required to take a minimum of seven courses each semester. Juniors or Seniors attending the Area Career Center are required to take a minimum of four courses each semester. Students are allowed one study hall per semester unless opting out of PE during a sport their junior and/or senior year, or are enrolled in the Coop Program. Seniors enrolled in the Coop Program are required to take a minimum of four courses each semester. Students in the Coop Program are waived from having to take PE.

GENERAL INFORMATION

GUIDELINES FOR SCHEDULE ADJUSTMENTS

Students are responsible for submitting course request forms for the next school year in January. Students typically have one month to review the next year's Course Description Book, meet with their counselor, and make a final decision on courses (with parent permission) before the final course request forms are due. It is important that students keep in mind graduation requirements, individual interests, and post high schools plans when completing the form. Any adjustments needing to be made following the initial course selection process in January are limited and will be based only on the following reasons:

- 1—Computer error or imbalance of course sections.
- 2—Failure in a class that is a pre-requisite.
- 3—Teacher recommendation and/or request because of inappropriate level placement.
- 4—Unavailability of a class.
- 5—Class schedule that fails to meet minimum load requirement.

Once the master schedule has been created, schedule requests for reasons other than those listed above are limited to extenuating circumstances and will need to be approved by the principal or school counselor. Requests that would result in an imbalance of section numbers of a course or student numbers in a course will NOT be approved.

Students wanting to add/drop or adjust their next year's schedule must plan a time to meet with their counselor prior to the last day of school. Schedule adjustment requests made after the last day of school may not or may not be addressed until school resumes in August. Parent permission is required for a student to add/drop any core/required course.

WITHDRAWAL FROM A COURSE

Students are strongly encouraged to complete the courses they register for each year; however, in the event a student wishes to withdraw from a course, the following guidelines will be used.

Day 1-5—Students may withdraw from a course. Core/required courses need parent permission. No notation will appear on the student's transcript.

After Day 5—Students may withdraw from a course (with parent permission and principal approval), but

will receive an "F" (failing grade) for the course. This will be reflected on the student's transcript.

DUAL CREDIT/DUAL ENROLLMENT OPTIONS

Black Hawk College offers Orion juniors and seniors a chance to earn both college and high school credit simultaneously or just college credit via various instructional methods for all eligible students.

Dual Credit involves students taking college level courses (in-house) with either Orion or Black Hawk College instructors. These courses allow students to earn both high school credit and college credit simultaneously. Students must qualify for these courses via teacher recommendation, PSAT/SAT or ACT scores, subject specific placement scores, and/or a combination of current grades and GPA.

Additionally, Students may take college level courses, on their own time, for college credit only. These courses are not allowed to replace required and elective courses taken at the high school. Students interested in earning additional college credit are encouraged to reach out to their school counselor for more information. Black Hawk College does require students to obtain high school counselor approval prior to registering for these additional courses.

Tuition for these courses is as follows:

1—\$25 per credit hour for dual credit courses taught by an Orion instructor.

2—\$164 per credit hour for dual credit/dual enrollment courses taught by a BHC instructor.

GRADUATION REQUIREMENTS

Orion High School Graduation Requirements

ENGLISH	4 Credits
MATHEMATICS <i>*Including Algebra I & Geometry</i>	3 Credits
PHYSICAL EDUCATION	3.5 Credits
SCIENCE <i>*Including Biology & Physical Science or Chemistry</i>	3 Credits
SOCIAL STUDIES	2 Credits
FOREIGN LANGUAGE, VOCATIONAL, or FINE ARTS	1 Credit
CONSUMER EDUCATION or COOPERATIVE EDUCATION	0.5-1 Credit
HEALTH	0.5 Credit
DRIVER'S EDUCATION	0.25 Credit
EXCEL	0.25 Credit
Total Required	18-18.5 Credits
Total Electives	7.5-8 Credits
TOTAL NEEDED	26 Credits

- A 0.5 credit is granted for each semester completed with a passing grade.
- Starting with the Class of 2014, any tie for Class Valedictorian will be broken using the following formula;

$$(\text{GPA} \times 25) + (\text{SAT} \times .8) + (\text{Credits Earned} \times 2) = \text{Valedictorian Score}$$

- Starting with the Class of 2018, Physical Education and Personal Fitness will be GPA-bearing courses.

College Bound Recommendations

ENGLISH	4 Credits
MATHEMATICS <i>*Introductory through advanced Algebra, Geometry, and Trigonometry</i>	3 Credits
SCIENCE <i>*Lab courses are preferred (Biology, Chemistry, and Physics)</i>	3 Credits
SOCIAL STUDIES	3 Credits
FOREIGN LANGUAGE, VOCATIONAL, or FINE ARTS	2 Credits

FOUR YEAR PLAN WORKSHEET

9	FALL	Credit	SPRING	Credit	Total Credits
	INTRO TO LIT	0.5	ELECTIVE OR ACADEMIC WRITING	0.5	
	BIOLOGY	0.5	BIOLOGY	0.5	
	DRIVER'S ED/EXCEL/PE	0.5	DRIVER'S ED/EXCEL/PE	0.5	
	MATH -	0.5	MATH -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	STUDY HALL or ELECTIVE—	0-0.5	STUDY HALL or ELECTIVE—	0-0.5	

10	FALL	Credit	SPRING	Credit	Total Credits
	ACADEMIC WRITING OR ELECTIVE	0.5	ELECTIVE OR ACADEMIC WRITING	0.5	
	GOVERNMENT/CIVICS or HEALTH	0.5	GOVERNMENT/CIVICS or HEALTH	0.5	
	SCIENCE -	0.5	SCIENCE -	0.5	
	MATH -	0.5	MATH -	0.5	
	PE or PERSONAL FITNESS	0.5	PE or PERSONAL FITNESS	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	STUDY HALL or ELECTIVE—	0-0.5	STUDY HALL or ELECTIVE—	0-0.5	

11	FALL	Credit	SPRING	Credit	Total Credits
	ENGLISH ELECTIVE	0.5	ENGLISH ELECTIVE	0.5	
	US HISTORY	0.5	US HISTORY	0.5	
	SCIENCE -	0.5	SCIENCE -	0.5	
	MATH -	0.5	MATH -	0.5	
	PE or PERSONAL FITNESS	0.5	PE or PERSONAL FITNESS	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	STUDY HALL or ELECTIVE—	0 or 0.5	STUDY HALL or ELECTIVE—	0 or 0.5	

12	FALL	Credit	SPRING	Credit	Total Credits
	ENGLISH ELECTIVE OR ENG 101	0.5	ENGLISH ELECTIVE OR ENG 102	0.5	
	CONSUMER ED/ELECTIVE or COOP	0.5 or 1.0	CONSUMER ED/ELECTIVE or COOP	0.5 or 1.0	
	PE or PERSONAL FITNESS	0.5	PE or PERSONAL FITNESS	0.5	
	MATH (ELECTIVE) -	0.5	MATH (ELECTIVE) -	0.5	
	SCIENCE (ELECTIVE) -	0.5	SCIENCE (ELECTIVE) -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	ELECTIVE -	0.5	ELECTIVE -	0.5	
	STUDY HALL or ELECTIVE—	0-0.5	STUDY HALL or ELECTIVE—	0-0.5	

COURSES

**NOTE: Courses marked with an asterisk (*) are Dual Credit Courses.*

AGRICULTURE

INTRODUCTION TO AGRICULTURE

This course provides an opportunity for students to develop their potential for premier leadership, personal growth, and career success. Improving/developing technological, leadership, transitional, and workplace skills will be a focus. Students will learn about the impact of agriculture on our society and the variety of careers it offers. Basic concepts in animal science, plant science, natural resources, agribusiness management, horticulture, and agriculture mechanics will be presented. While surveying the opportunities available in agriculture, students will learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. 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 class concepts.

CREDIT: 1

GRADE LEVEL: 9

AG TECHNOLOGY

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of our environment, to identify and analyze environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Areas of emphasis include: ecology, plant and animal wildlife biology, land use and soil conservation, management of waste, water and air quality, and energy resources. The impact of agricultural practices on the environment and the adoption of sustainable practices leading to improved air, land, and water quality are investigated. Considerable emphasis is placed on field investigations as well as on laboratory study. 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. 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

ment of academic concepts.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Biology I

Note: This course is typically not considered a laboratory science course for college admission. This class is accepted as a science credit for graduation from high school.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE (BSAA)

This class is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major concepts of animal and plant science and the specific biological science concepts that govern management decisions in those areas. First semester, the study will be based upon biological principles with application to modern livestock and companion management practices for beef, dairy cattle, swine, sheep, goats, horses, dogs, and cats. Second semester, the course will focus on plant science with application to the horticultural industry. 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.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Biology I; Intro to Ag is Recommended

Note: This is accepted as a laboratory science credit for admission at some colleges. This class is also accepted as a science credit for graduation from high school.

VET SCIENCE

(Offered every other odd year)

This course will develop students' understanding of the small (companion) animal and large animal industries, animal handling and safety, animal anatomy and physiology, animal ethics and welfare issues, clinical exams, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary technicians, veterinary assistants, office lab assistant, small animal production, research lab assistant, animal nutrition lab

technician, and other related careers. 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.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Biology I, Intro to Ag, OR consent of instructor.

HORTICULTURE

(Offered every other even year)

First semester, the course will focus on the basic appearance, presentation, and placement of ornamental horticulture plants in the landscape. Concepts of balance, form, harmony, and focal points as they relate to commercial and home landscape are emphasized. Units of study include analyzing the residential landscape, the design process, applying the principles of art to the landscape, choosing plants for the design, putting the plan on paper, landscape installation, construction, & maintenance, and turf grass management. Students will complete both a hand drawn and computer-aided residential landscape drawing for this course. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Second semester, the class will focus on greenhouse management, culture of greenhouse crops, and floral design. Students will work extensively in the school greenhouse as they prepare for a spring bedding plant sale. Leadership skill development is an integral part of this program and is delivered through student organization (FFA) activities. Individualized instruction and learning reinforcement are provided through supervised agricultural experience programs (SAEP's) maintained by each student.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Intro to Ag OR consent of instructor.

AG CONSTRUCTION & METAL

FABRICATION

(Offered every other odd year)

This course focuses on the knowledge, hands-on skills, and workplace skills applicable to construction and fabrication processes in the agricultural industry. Major units of instruction include: woodworking, surveying and blueprints. Students will also have the opportunity to design and build various projects throughout this course. Improving workplace and computer 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.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Intro to Ag is required.

INTRODUCTORY AG MECHANICS

(Offered every other even year)

This course will concentrate on expanding the student's knowledge and experiences with agricultural mechanics and engineering technologies utilized in the agricultural industry. Units of instruction included: electricity, small engines and welding. Improving workplace and computer 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.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Intro to Ag is required.

AG BUSINESS

The course will provide students with the basic knowledge and skills necessary to manage finances and develop into a successful entrepreneur and/or businessperson. Instructional units include: business ownership types, principles of economics, starting an agribusiness, managing and operating an agribusiness, financing an agribusiness, record keeping and financial management of an agribusiness, local, state, and federal taxes, agricultural law, marketing and sales techniques, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer, leadership, 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.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Intro to Ag and consent of instructor only. This is an independent study course.

SUPERVISED AGRICULTURAL EXPERIENCE (SAE)

This work based experience program is for 10th-11th-12th grade students enrolled in an approved agricultural program sequence. This course is designed to improve and expand knowledge and skills in various agricultural careers. Students will gain credit by continuing a pro-

ject at their home, at a local business, or at their school usually after normal school hours. Students are encouraged to add additional projects, experiences, scope, and growth involving managerial and decision-making skills. Students will be required to verify their experiences by keeping written or computerized records including: business agreements, budgets, inventories, daily activities, hours worked, income and expenses, total earnings, depreciation, and net worth. Instructor supervision may be conducted to the student's home or place of employment. SAE participation can lead to full-time employment, scholarships, and awards through the FFA.

*Credit will be given for this course in the spring semester by completing the previous calendar years SAE project. Only students completing the project and participating in proficiencies will receive the course credit. CREDIT: ½

GRADE LEVEL: 10, 11, 12 (may be taken all three years)

PREREQUISITE: Introduction to Agriculture. Permission of the instructor is required.

ART

ART I

Art I is a full year basic introductory class that covers different mediums and tools used in creating expressive works of art. Students will learn the Elements of Art (line, shape, color, value, form, texture and space) in 1A and the Principles of Design (balance, contrast, emphasis, movement, pattern, rhythm and unity/variety) in Art 1B. Art history and art criticism are incorporated throughout the class. Each element and principle is presented as its own separate unit and each unit incorporates a project (or projects) that correlate(s) with each element or principle. Mediums that students may work with are: graphite, acrylic paint, colored pencils, charcoal (black and white) and pen and ink.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: None

ART II

Art II provides the opportunity to expand the skills learned in Art I by going more in-depth into various mediums. Students will work with graphite, pen & ink, charcoal, oil pastels, soft pastels, colored pencils, watercolors and watercolor pencils. Each medium is contained within its own unit and students will practice using the medium before being assigned the final project for the unit. Art history, art criticism and critique will

be integrated into the class. There will be more emphasis on self-expression and creativity.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I

ART III

Art III students will continue to build on the skills learned in Art II. Students will continue to create 2-dimensional works of art, including collage, printmaking and mixed media projects. Students will delve more into 3-dimensional artworks, as well as fiber arts and glass fusion (when possible). Students will continue to explore various artists, art history and art criticism.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Art II

ART IV

This course is for the advanced art student, who will continue to learn in structured, instructor led units such as portraiture, acrylic painting, altered books and stained glass (when possible). Students will also have the opportunity to explore and create independent art projects in the classroom; these projects include extensive experimentation, study and studio work. Students must be open to critique and self-assessment, as well as be willing to push themselves.

Open to serious art students and future art majors and minors.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Completion of Art I, Art II, and Art III. The student must have maintained at least a B average in Art I, Art II, and Art III (all art classes), and have the teacher's recommendation to enroll.

DRAWING

Students will explore "25 Days of Drawing" in 1A. Line is explored in the form of line quality, cross contour lines and shading with line. Students will then move on to value, light and shadow and drawing basic forms. Continuing to build on this curriculum, students will learn to create texture and the illusion of form, as well as how to draw in 1, 2 and 3-point perspective. Sighting, measuring and mapping, and positive and negative space will also be covered. Students will round out their 25 days by learning about the grid technique, basic facial proportions, figure drawing and drawing in reverse. 1B will utilize what is learned in 1A and apply their knowledge to the projects that are assigned. This course includes various components, including experimentation in the use and techniques of various drawing

materials, the Elements of Art and Principles of Design, visual vocabulary, critical thinking skills and problem solving, studio work, art criticism and art history.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Art I

BUSINESS EDUCATION

COMPUTER CONCEPTS I

Computer Concepts I is an orientation level course designed to develop a basic understanding of computer software commonly used in the completion of personal, educational, or employment related tasks. Through this course students will become familiar with the basic functions and features of the following Microsoft Office programs: Word, Excel, and PowerPoint. In addition, Google Email will be routinely used. The development of employability skills, as well as transition skills, will be emphasized in this course.

CREDIT: ½ (Fall Semester)

GRADE LEVEL: 9, 10, 11, 12

COMPUTER CONCEPTS II

Computer Concepts II is a skill level course designed to further develop the students' understanding and skill level with regard to the computer software applications introduced in Computer Concepts I. Through this course students will become proficient with some of the more advanced functions and features of the Microsoft Office programs. Successful completion of both Computer Concepts I and Computer Concepts II should provide the student with the skill level necessary to pass first level MOS certifications.

CREDIT: ½ (Spring Semester)

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Computer Concepts I

INTRODUCTION TO CODING

Intro to Coding covers a basic introduction to the principles of programming, including algorithms and logic. Students engage in hands-on programming tasks in the Python programming language as they write and test their own code using the approaches real programmers use in the field. Students will program with variables, functions and arguments, and lists and loops, providing a solid foundation for more advanced study as well as practical skills they can use immediately.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

MICROSOFT OFFICE SPECIALIST

This two-semester course introduces students to the features and functionality of Microsoft® Office® while preparing them for the beginning, intermediate, and advanced levels of the Microsoft Office Specialist (MOS) certification program. Through video instruction, interactive skills demonstrations, practice assignments, and unit-level assessments, students become proficient in Microsoft Word®, Excel®, PowerPoint®, Outlook®, and Access®. By the end of the course, students are prepared to demonstrate their skills by obtaining one or more MOS certifications. (Because this is a hands-on course, students will need access to the full Microsoft suite of programs described above. Students will also need permission to download and save files to their computer, as well as a place to save assignments in progress.)

CREDIT: 1

GRADE LEVEL: 10, 11, 12

ACCOUNTING I

Accounting I is a skill level course designed to provide students with the entry-level skills needed to pursue a career in a business-related field. The course develops an understanding of the principles and procedures used in the accounting profession and how these apply within the business environment. Students will develop skills for analyzing and recording business transactions and maintaining financial records for various types of businesses. Simulated activities will be completed throughout the course to provide real-world examples of applying concepts learned. Accounting I is highly recommended for students planning to pursue further education or employment in a business-related field.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

ACCOUNTING II

Accounting II expands on the knowledge of accounting principles and procedures learned in Accounting I. The course includes more specific areas of study for accounting principles and practices commonly used by corporations. These areas will include uncollectible accounts, plant assets and depreciation, cost accounting and inventory valuation methods, notes payable and receivable, and financial statement analysis. Practice sets with business papers and computerized accounting projects will be included to reinforce understanding throughout the course. Completion of this course provides an excellent knowledge base for further education in accounting or other business-related field, or future employment in a business-related profession. This

course is highly recommended for students planning to pursue further education in a business-related profession.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Accounting I

INTRODUCTION TO BUSINESS

Intro to Business is an entry-level course designed to provide students with an overview of the various career possibilities related to the field of business and how business and consumers relate within the economic environment. Students will discuss the roles of business and the consumer, study the basic forms of business organization, be introduced to various aspects that relate to business operations, and discuss various consumer-related issues. This course should provide the student with a better sense of the wide variety of career possibilities within the area of business and is highly recommended for all students.

CREDIT: ½ (Fall Semester)

GRADE LEVEL: 9, 10, 11, 12

BUSINESS MANAGEMENT

Business Management is designed to give the student an understanding of how businesses operate and how to start and manage a business successfully. Students will study a variety of topics related to different elements of business management, including business ethics, the many forms of business organization, characteristics of managers and entrepreneurs, management functions and roles, organizational management, operations management, human resources management, and financial management and analysis. This course is recommended for any student who is considering further study in the field of business or who has thought about someday opening and/or operating his/her own business.

CREDIT: ½ (Spring Semester)

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Business

BUSINESS LAW

Business Law is designed to introduce the student to the law as it relates to business and personal life. Topics covered in the course will include the history and foundations of the U.S. legal system, ethics, U.S. court structure, criminal law, tort law, and contracts. In addition to textbook material, the study of actual court cases and current news events with legal themes will be included to further reinforce understanding. This course is recommended for any student hoping to enter a law- or business-related field or who would like to

expand his/her basic knowledge of the law.

CREDIT: ½ (Fall Semester)

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Business

MARKETING

This course explores the basic principles of marketing and introduces students to this exciting field, which includes advertising, consumer research, product development, packaging, selling, sponsorship, event marketing, and promotions. Throughout this course, marketing concepts will be introduced and discussed through both the production and sports/entertainment industries. Strong decision making, critical thinking, and collaborative skills will be emphasized in this course. This class is recommended for any student considering future study in the field of business.

CREDIT: ½ (Spring Semester)

GRADE LEVEL: 10, 11, 12

CREDIT: ½

PREREQUISITE: Intro to Business

PERSONAL FINANCE & CONSUMER EDUCATION

This is a capstone course designed to provide students with the knowledge and skills necessary to be a better-informed and well-prepared consumer and employee. Units of study will include saving and investing, retirement planning, credit and consumer debt, budgeting and personal banking, consumer decision-making, transportation and real estate purchasing decisions, paychecks and taxes, and various forms of insurance protection. Essentially, this course is intended to prepare the student to successfully manage the personal financial matters which they will encounter throughout life. The course is recommended for any senior student, but is required of senior students not enrolled in cooperative education.

CREDIT: ½

GRADE LEVEL: 12 (11th with instructor approval)

COOPERATIVE EDUCATION

Interrelated Cooperative Education is designed for senior students interested in pursuing career development through work experience. Students are released from school for their paid cooperative education work experience and participate in a minimum of 200 minutes per week of related classroom instruction. A qualified vocational coordinator is responsible for on the job supervision equivalent to 1/2 hour or more per week per student. Written training agreements and individual

student training plans are developed and agreed upon by the employer, student, parent and coordinator. Occupational task lists form the basis for training plans. The coordinator, student, parent and employer assume compliance with federal, state and local laws and regulations.

The classroom instruction will include such areas as: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics, employment, time management and technology in the workplace and job termination. Further, classroom instruction includes technical skills as identified on occupational task lists. This course meets the high school consumer education requirement.

CREDIT: 2½

GRADE LEVEL: 12

DRIVER'S EDUCATION

In today's society, we find that while the same safety problems of death and injury on the highway continue, some of the major causes have changed. Alcohol and distracted driving are the nation's leading causes of accidents and motor vehicle fatalities. In addition to all the normal fundamentals covered in the driver education classroom, a strong emphasis is being placed on studying the impact of driving under the influence and what a serious problem drinking and then driving has become, particularly with teenagers. We also are placing a strong emphasis on distracted driving among teenage drivers. Students are scheduled for in-car instruction during their study hall or PE period.

CREDIT: ¼ (Opposite Excel)

GRADE LEVEL: 9 (Required of all students, prior to graduation.)

(NO credit will be given for courses completed at privately owned facilities.)

PREREQUISITE: Birth date and NO classes failed the previous semester either at middle school level or high school level.

FEE: \$50.00

EXCEL

This course will assist freshman students in reaching their educational goals during their high school career. Interactive instructional methods will promote the development of critical thinking skills and positive educational values. Students will complete personal assessments to enhance their understanding of communication and learning styles, decision making skills, and ca-

reer inventories; learn to identify and use appropriate resources both in school and within the community; acquire skills needed to promote study, personal wellness, goal setting and achievement; develop strategies to manage time and stress wisely; and possibly participate in a service learning experience outside the classroom in a setting designed to foster community service.

CREDIT: ¼ (Opposite Driver's Ed)

GRADE LEVEL: 9

FAMILY & CONSUMER SCIENCE

INTRODUCTION to CAREER & CULINARY FUNDAMENTALS

This introductory course is for any student interested in the food industry, focusing equally on career readiness and essential culinary and life skills. Dedicated to professional development, the curriculum covers workplace competencies such as personal branding, teamwork, communication, and conflict resolution, which are crucial for success in any professional environment. Simultaneously, it provides a solid foundation in food knowledge, including core nutrition principles, menu planning for the home, making smart consumer decisions, proper food storage, and essential safety and sanitation practices, equipping students with the foundational skills to thrive professionally and personally in the culinary world and beyond.

CREDIT: ½ or I

GRADE LEVEL: 9

CULINARY ARTS & NUTRITION I & II

Culinary Arts and Nutrition I & II is a comprehensive two-part course designed to build a strong foundation in both the practical kitchen skills and the scientific knowledge necessary for successful food preparation and a healthy lifestyle. This course begins with the non-negotiable fundamentals of Safety and Sanitation, emphasizing the critical practices and procedures required in any professional or home kitchen. Students will rapidly progress to mastering proper cooking techniques across various preparations, gaining proficiency in essential skills such as precise knife skills, foundational egg & breakfast cookery, and the care and preparation of fruits and vegetables. The curriculum also delves into the basics of dry heat and moist heat cooking methods. A significant portion of the course is dedicated to the fundamentals of baking, covering core ingredients, mixing methods, and the principles behind preparing quick breads, basic pastries, and yeast products, all while integrating an understanding of nutrition and food science.

to create appealing and wholesome dishes.

CREDIT: ½ or 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Career & Culinary Fundamentals or consent of instructor.

REGIONAL CUISINE

This advanced-level culinary course offers a fascinating exploration into the dual worlds of cutting-edge culinary innovation and the deep-rooted traditions of American regional cooking. This course concentrates on the diverse and rich tapestry of Regional American Cuisine, studying the history, ingredients, and techniques that define foodways across regions like the Lowcountry South, New England, Southwest, and Midwest. This course challenges students to think critically about flavor, texture, and presentation, culminating in projects that require applying modernist techniques to reinterpret traditional regional American dishes, bridging the gap between historical culinary identity and the future of gastronomy.

CREDIT: ½

GRADE LEVEL: 11, 12

PREREQUISITE: Culinary Arts & Nutrition I

GLOBAL CUISINE

This course takes students on a dynamic and immersive journey around the world, exploring the diverse flavors, indigenous ingredients, and rich cooking traditions of various international cuisines. Students will delve into the history, geography, and culture that have shaped different culinary styles, understanding how local environments and trade routes influence what people eat and how they prepare it. The curriculum moves beyond mere recipes to focus on fundamental techniques, allowing students to master skills relevant to many global regions, from utilizing the bold and aromatic spices of Asian street food and the fresh, vibrant flavors of Latin American cooking to executing the intricate, foundational techniques of French gastronomy. Through hands-on practice, critical tasting, and comparative study, students will gain an appreciation for the global pantry and develop the cultural literacy necessary to create authentic and innovative international dishes.

CREDIT: ½

GRADE LEVEL: 11, 12

PREREQUISITE: Culinary Arts & Nutrition I

CULINARY ARTS & NUTRITION III

This capstone course provides students with a project-based, professional kitchen experience. It is designed to bridge the gap between classroom learning and a real-world culinary career. Students will apply and synthesize

all the skills they've developed over the previous three years, taking full ownership of a variety of projects. From designing a signature dish and creating a multi-course menu to executing a catered event, this course challenges students to think critically, manage time and budgets, and demonstrate true creativity and leadership. This class is for the serious culinary student ready to test their skills in a fast-paced environment.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Culinary Arts & Nutrition I & II

FOREIGN LANGUAGE

SPANISH I

The four basic skills of foreign language acquisition are introduced: speaking, listening, reading, and writing. The approach being used at OHS is basic to the national and statewide instruction of foreign language and The World-Readiness Standards for Learning Languages are embedded in most activities. Stress is placed upon reading and listening to prepare students for written and oral communication in the target language. This culminates in the study of students' first Spanish short story in the second semester. Students are also introduced to traditions, customs, and societal norms of Spanish-speaking cultures to enhance student's ability to communicate effectively.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

SPANISH II

Stress is placed upon the four basic language skills; especially oral communication. Additional attention will be placed on building accuracy in pronunciation and verb-tense conjugation (simple present in indicative mood). Articulatory phonetics is introduced and more complex cultural aspects of Spanish-speaking cultures are discussed. Students learn how to use different platforms and applications to foster independent language learning skills. This ends with students presenting a 10-minute "All about myself" personal statement.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Spanish I

SPANISH III

In this course, the speaking, reading, writing, and listening skills in the target language develop more naturally. Students watch a TV series based in Spain in the target language and read graphic novels to be exposed to the use of a variety of grammar points, structures, and col-

loquial language. A more nuanced understanding of cultural aspects within the language is guided. Students explore historical events, contemporary issues, and societal customs, aiming to cultivate global citizenship, critical thinking, and cultural empathy. This ends with students presenting a 15-minute skit where they get to use the language creatively.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Spanish II

SPANISH IV

As a preparation for the skills needed in college-level Spanish, emphasis is placed upon reading, speaking, and social competence. A more in-depth study of advanced Spanish grammar and language structures is conducted as an additional preparation for standardized language testing. A special focus is placed in the mastery of the preterit tense and the imperfect tense. Students continue to watch the Spanish TV series and produce more complex discussion on cultural elements of Spanish-speaking countries and their own. Ultimately, the course culminates in the composition and delivery of an essay centered around the student's envisioned career path post-graduation.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Spanish III

HEALTH

This is a one-semester course required for all sophomores. The intent of this health course is to facilitate student learning in the areas of mental, physical, and social well-being. The emphasis of this course is on the importance of total health. Specific topics covered include: mental health, social health, human development, nutrition, cardiopulmonary resuscitation (CPR), & substance abuse. These topics include units that will help students make independent, informed decisions concerning their happiness, well-being, and safety.

CREDIT: ½ (Fall or Spring - Opposite Civics)

GRADE LEVEL: 10

LANGUAGE ARTS

INTRO to LITERATURE

This class is a requirement for all regular track English students and focuses on the foundational skills needed to be successful in English literature courses. We will examine authors' style and use of literary devices in both short stories and novels and practice the mechan-

ics of writing literary analysis using textual evidence.

We will focus on summarizing, paraphrasing, and quoting textual evidence and using evidence to make interpretive observations about a text. These skills will build to writing literary analysis essays that include proper introduction, body, and conclusion paragraphs of varying lengths.

CREDIT: ½

GRADE LEVEL: 9

ACADEMIC WRITING

This one-semester required course provides underclassmen with the essential writing skills necessary for success in further academic settings and professional life. Students will focus on developing clear, persuasive argumentative writing by utilizing the core structural principles found in the anchor text of *They Say/I Say: The Moves That Matter in Academic Writing*. Lessons and assignments will be on argumentation, research and citation, language and mechanics, culminating in a substantial, well-researched argumentative research essay by the end of the semester.

CREDIT: ½

GRADE LEVEL: 10; 9 (with instructor recommendation)

PREREQUISITE: Intro to Literature

CLASSIC LITERATURE

In this course we will invite students to explore some of the most influential works in literary history, examining timeless themes, complex characters, and enduring narratives that continue to shape modern storytelling. Through the works of Jane Austen, Charlotte Brontë, William Shakespeare, and other classic authors, students will develop analytical reading skills, engage in thoughtful discussions, and connect literature to historical and cultural contexts. Emphasizing critical thinking and academic writing, this course will prepare students for the themes and expectations of college-level English classes. By engaging with these literary masterpieces, students will gain a deeper appreciation for the power of storytelling and its relevance across time. This elective is ideal for students who are interested in building their classic literature repertoire through literary analysis, and getting an upper-hand for any future college English classes.

CREDIT: ½

GRADE LEVEL: 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

CONTEMPORARY AMERICAN LIT

In this course we will read literature from the 1950's to

today, tackling themes about war and trauma, coming of age, technology, and our ever-changing society. This era of literature is filled with authors challenging conventional storytelling with blunt, conversational writing styles, dark humor, unreliable narrators, and fragmented storylines. Students can expect to explore characters, themes, author's style, literary devices, and more through discussions, writing, and projects. Authors for this course will include J.D. Salinger, Kurt Vonnegut, Joyce Carol Oates, Raymond Carver, Tim O'Brien, Louise Erich, Ted Chiang, and more.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

CREATIVE WRITING

In this course we will write in a variety of genres, including (but not limited to) short stories, personal narratives, micro-stories, and poetry. This class will largely be a workshop-style class, meaning a large portion of the time we have will be spent writing, peer-editing, and revising. Because this is a writing-intensive course, students should expect to produce more writing in this class than they might be used to in a literature-based class. This class is ideal for students who love to write in a variety of genres or students that want to take a class that includes less literature.

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

CREATIVE WRITING II

This class is ideal for students who enjoyed Creative Writing and want to further hone their craft. In this course we will continue to build upon the foundational writing skills that were the focus of Creative Writing, further exploring the variety of genres introduced in Creative Writing. Students can expect a workshop-style class, where writing, peer editing, and revising are standard class time activities. Students in this course will eventually choose a specific genre of writing to focus on and produce a final portfolio of work.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Creative Writing

DRAMA

In this course we will explore the power of theatre as a storytelling medium, from its classical roots to its modern innovations. Students will analyze and perform works from legendary playwrights such as William Shakespeare and Arthur Miller, alongside contemporary dramatists and famous musical productions that have

shaped modern literature. In addition to literary analysis, students will engage in hands-on learning about acting techniques, stage dynamics, and the fundamentals of performance. Through close reading, discussion, and performance-based activities, students will examine themes of identity, society, and human conflict while developing an appreciation for the art of dramatic writing and theatrical expression. This course encourages critical thinking, textual analysis, and creative performance, preparing students to engage with theatre both academically and artistically. This class is ideal for any student, whether they're new to theatre or long-time fans, who would like to utilize this class to experience the art of performance and storytelling.

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

DYSTOPIAN/POST-APOCALYPTIC LIT

In this course we will study literature that explores the question: What happens when society unravels or is reimaged entirely? Students will study works that critique real-world issues, ask hard questions about humanity, and imagine the consequences of unchecked power, technology, and social order. Assignments will include graded discussions, informal and formal writing, and presentation skills. This class is ideal for students who think and read about the world around them critically.

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

FOUNDATIONS OF TEACHING

This course is intended for students that plan to enter the educational field after high school. The course will cover topics that include professionalism and ethics; classroom management; creating curriculum, assessments, and instruction; discussing, researching, and analyzing current issues teachers are facing, and more. Students will also be expected to regularly visit classrooms within the district for observation and practical experience. This course is solely an elective and does not count toward an English credit.

CREDIT: ½ (Fall)

GRADE LEVEL: 10-12

GOTHIC LITERATURE

In this course we will step into the shadows and explore the eerie world of Gothic literature, where mystery, madness, and the macabre reign supreme. This course will trace the evolution of the genre, from its dark and haunting origins to its modern-day

manifestations. Students will analyze foundational Gothic works by authors such as Edgar Allan Poe and Washington Irving, uncovering the genre's signature themes of fear, the supernatural, and psychological horror. The course will then transition to contemporary Gothic storytelling, examining how writers like Stephen King build on these traditions to terrify and thrill modern audiences. Through close reading, discussion, and creative projects, students will unravel the lasting impact of Gothic literature and its ability to reflect the deepest fears of society. This class is ideal for students who enjoy immersing themselves into fictional worlds, and then crafting compelling examples of literary analysis... especially from spooky literature!

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

GRAPHIC NARRATIVES

In this course we will explore the world of comics-as-literature, one that brings together words and pictures to tell complex stories in a way words alone may not capture. Students can expect to learn the vocabulary of graphic narratives and survey several examples from the genre to analyze the way they both adhere to and subvert traditional story structure. Assignments will include reading, analytical writing using MLA style and conventions, and graded discussions of the materials. This class is ideal for students interested in reading texts that may be considered nontraditional but still offer opportunities for deep analysis and those who are interested in visual media.

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

JOURNALISM

Students enrolled in Journalism will be responsible for The Scarlet Ink website and The Charger yearbook. To achieve this, students will study all forms of journalistic writing (news, editorials, features), headline composition, copy reading, layout design, and photography. As journalists, the class will also provide opportunities for students to stay abreast of local, state, and national news. We will also study business and advertising, as students are expected to sell advertisements both semesters for our publications. This course is solely an elective and does not count toward an English credit.

CREDIT: 1

GRADE LEVEL: 10, 11, 12 (Recommendation of English teacher is required)

PREREQUISITE: English I

MODERN ERA AMERICAN LIT

In this course we will explore the literary innovations and cultural movements that defined modern American literature in the early 20th century. Through the works of F. Scott Fitzgerald, Anderson Cooper, Kate Chopin, Ernest Hemingway, and other influential writers, students will examine themes of identity, disillusionment, and societal change. Special attention will be given to the impact of the Gilded Age, Jazz Age, and Harlem Renaissance. Students will analyze how select texts reflect the shifting cultural landscape of the time and continue to shape contemporary discussions on art, societal structure, and the American Dream. Through close reading, discussion, and analytical writing, this course will provide a deeper understanding of modern literary movements and their lasting influence. This class is ideal for students with an interest in American history, who would enjoy navigating the opulence of the Gilded Age and Jazz Age through literary analysis and seminar!

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

MULTIGENRE THEMATIC STUDY

This class is ideal for students who are fans of storytelling outside traditional literature, including art, music, movies, etc. In this course we will explore a specific topic from as many different genres as we can, including literature, poetry, art, music, movies, and television. We will focus on the advantages each genre has in conveying messages about the subject and the ways themes and messages have evolved over time. We will explore 1-2 topics together as class before students will eventually get to choose a topic of their own and explore it through a variety of genres.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

MYTHOLOGY I

In this course we will examine the relationship between ancient mythology and modern storytelling, investigate the definition of myths and their role in human culture, distinguish between different types of myths and archetypes, including the Hero's Journey, and compare and contrast mythological representations in different cultures. Assignments will include demonstrations of skill in reading, writing using MLA style and conventions, and speaking/presentation.

CREDIT: ½

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Intro to Literature

MYTHOLOGY II

In this advanced continuation of Mythology I, students will explore mythological traditions in greater depth and complexity. Building on their foundational understanding of gods, goddesses, heroes, and archetypes, students will analyze intricate myths and epics that feature multiple deities, moral conflicts, and cultural symbolism. The course will emphasize close reading, comparative analysis, and interpretation of mythological narratives across Greek, Roman, Norse, and Egyptian traditions. Students will examine how mythic themes evolve across cultures and time periods, and how they continue to influence modern storytelling and media. Assignments will include analytical essays, research papers, creative projects, and presentations demonstrating mastery of reading, writing (using MLA style), and oral communication skills.

CREDIT: ½

GRADE LEVEL: 11, 12

PREREQUISITE: Intro to Literature; Mythology I

PRACTICAL ENGLISH

This class is ideal for students who want to focus on developing reading, writing, speaking, and listening skills in real-life situations. In this course we will focus on speaking, listening, reading, and writing skills needed in situations outside of a college or job training. It will emphasize strategies to improve written and oral communication skills in personal and professional settings, encourage vocabulary growth and an understanding of how vocabulary evolves within a society, and encourage positive lifelong habits through reading, writing, and listening for entertainment and personal growth. A library card is required for all enrolled in the class. This class is not recommended for students preparing for a bachelor's degree.

CREDIT: ½

GRADE LEVEL: 11, 12

TRANSITIONAL ENGLISH

Transitional English is a senior-level English class that works hand-in-hand with Black Hawk College to prepare students to enter a college-level English classroom with success. All curriculum has been approved by Black Hawk College; this allows students who pass this class with a "C" or higher to enter a college-level English class without taking a placement test! This course explores how individuals understand the world, their passions, and themselves through literature and real-world narratives. Students examine multicultural history, personal ambition, definitions of success, and social injustice through texts such as *Into the Wild*, memoirs, and classic works like *Hamlet* and *Les Misérables*.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Intro to Literature; Academic Writing

WORLD VOICES

This class is ideal for students who are interested in reading perspectives that will give them a greater understanding of the world. We will explore literature from diverse global voices, offering students a perspective beyond the dominant American canon. Through short stories, poetry, and novels, students will engage with themes of identity, culture, colonialism, oppression, and resilience as they appear in works from a variety of countries and traditions. Emphasizing critical reading and discussion, the course encourages students to analyze how literature reflects and shapes different worldviews, ultimately broadening their understanding of the human experience across cultures.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

WRITING & READING for BUSINESS & SCIENCE CAREERS

This class is ideal for students planning to attend college to earn a Bachelor of Science degree (engineering, health care, psychology, economics, etc.) In this course we will focus on informative texts, largely research-related, in a given field of the students' choice when possible. Students will learn APA conventions and write using APA style. Assignments will mimic the types of work students entering these fields will complete in the college coursework, including informative research, formal writing, presentations, etc.

CREDIT: ½

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Intro to Literature; Academic Writing

BLACK HAWK COLLEGE - ENG 190 ***INTRO TO LITERATURE (ONLINE)**

This course is a dual-credit course with Black Hawk College, which is worth 3 college credits. English 190 focuses on the understanding of different literary genres. Students will read a wide variety of challenging fiction and non-fiction prose, poetry, and drama that ranges in genres such as Gothic, science fiction, detective fiction, war fiction, and graphic novels. There is a heavy focus on close reading, discussion and analysis, annotation, and writing. There will also be instruction on grammar, vocabulary, written revision, and self-reflection.

CREDIT: 1; 3 College Credit Hours

****IAI: H3 900 (I.I).** These credits are transferable.

GRADE LEVEL: 11

PREREQUISITE: ACCUPLACER Score

FEE: BHC Tuition

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

BLACK HAWK COLLEGE - ENG 101 *

(COMPOSITION I)

This course is a dual-credit course with Black Hawk College, which is worth 3 college credits. English 101 is designed for students who are competent in the fundamentals of composition. Students will write essays using a variety of expository strategies and will apply standard techniques of documentation when appropriate.

CREDIT: ½; 3 College Credit Hours

GRADE LEVEL: 12

****IAI: C1 900/C1 900R.** These credits are transferable.

PREREQUISITE: English III Honors students must have earned at least a B average or English III students must have earned an A average to enroll. Additionally, students must score at least a 480 ERW (SAT) or 22 in Reading (ACT), or be able to earn the appropriate ACCUPLACER score.

FEE: \$75

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

BLACK HAWK COLLEGE - ENG 102 *

(COMPOSITION II)

This course is a dual-credit course with Black Hawk College which is worth 3 college credits. English 102, a continuation of English 101, is a required composition course that involves reading, discussion, and analysis of a body of literature to generate ideas for critical and persuasive papers, including one documented research paper.

CREDIT: ½; 3 College Credit Hours

****IAI: C1 901.** These credits are transferable.

GRADE LEVEL: 12

PREREQUISITE: Grade of "C" or better in English 101.

FEE: \$75

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

BLACK HAWK COLLEGE - SPEC 101 *

(PRINCIPLES OF SPEECH COMMUNICATIONS)

This course is a dual-credit course with Black Hawk College, which is worth 3 college credits. The oral

communication course combines communication theory with the practice of oral communication skills. The oral communication course: (1) develops awareness of the communication process; (2) provides conventional, organizational, and expressive strategies; (3) promotes understanding of and adaptation to a variety of communication contexts; and (4) emphasizes critical skills in listening, reading, thinking and speaking.

CREDIT: ½; 3 College Credit Hours

****IAI: C2 900.** These credits are transferable.

GRADE LEVEL: 12

FEE: BHC Tuition

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

MATHEMATICS

ALGEBRA I

Algebra I is recommended for students with a solid background in the basic operations of Real numbers. Properties of Real Numbers are reviewed and extended. This course stresses both the structure of Algebra and development of computational problem-solving skills. Problem solving techniques are developed for various types of word problems. Algebra I also stresses simple equations, quadratic equations and coordinate systems. It is a graduation requirement for all students. A graphing calculator is required.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

APPLIED GEOMETRY

This course is a two-semester course where the emphasis will be on a less algebraic approach to geometry. Topics to be covered will be the same as a standard geometry course such as point, line, plane, segments, triangles, polygons, circles, and coordinate plane. This course is designed for students who did not perform well in Algebra I and are not going on to Algebra II. Placement in this course is based on recommendation by instructor.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Algebra I and Teacher Approval (REQUIRED).

GEOMETRY

This course is a study in the development of Euclidean Geometry. Emphasis is placed on understanding the relationships of Euclidean Geometry. Students will be challenged to develop their problem solving skills using

conjecturing, deductive reasoning, proofs, and basic trigonometric functions. Students will also be encouraged to see geometry at use in their daily lives through the use of projects. Topics include polygons, parallels, angles, congruent and similar figures, area and volume, and coordinate geometry. Algebraic skills are reviewed and strengthened as they apply to problem solving in geometry.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

PREREQUISITE: Algebra I

INTERMEDIATE ALGEBRA

This course is designed for those students who need a bridge from Algebra I to Algebra II. The course is a review and reinforcement of concepts from Algebra I and the beginnings of Algebra II. Placement in this course is based on a recommendation by the instructor. A graphing calculator is required.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Algebra I, Geometry, and Teacher Approval (REQUIRED).

ALGEBRA II

Algebra II stresses both structure of algebra and the development of computational problem-solving skills. Structure and properties of real numbers are reviewed and extended. Equations, inequalities, polynomials, and functions are thoroughly treated. The course also includes units covering: matrices, probability and statistics. A graphing calculator is required. Recommended for students entering the trades or junior college.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Algebra I and Teacher Approval (REQUIRED).

COLLEGE PREP ALGEBRA II

Algebra II stresses both structure of algebra and the development of computational problem-solving skills. Structure and properties of real numbers are reviewed and extended. Equations, inequalities, polynomials, and functions are thoroughly treated. The course also includes units covering: trigonometry, matrices, probability and statistics, and exponential and logarithmic functions. A graphing calculator is required. Recommended for college prep students.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Algebra I

TRANSITIONAL MATH LIT

Math course framework designed to prepare and transition students directly into college and career pathways requiring general education college level math competencies in quantitative literacy and statistics. The competencies within each domain should include but are not limited to: numeracy (operation sense, estimation, measurement, quantitative reasoning, basic statistics, and mathematical summaries), application based algebraic topics, and functions and modeling. Upon completion students should be able to: demonstrate proficiency and understanding in basic numeracy competencies in whole numbers, integers, fractions, and decimals, use estimation and explain/justify estimates, apply quantitative reasoning to solve problems involving quantities or rates, use mathematical summaries of data such as mean, median, and mode, use and apply algebraic reasoning as one of multiple problem-solving tools, and use functions and modeling processes. Course to be delivered through authentic application, problem-based instruction designed to build mathematical conceptual understanding and critical thinking skills.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Algebra II and Teacher Approval (REQUIRED).

PRE-CALCULUS WITH TRIGONOMETRY

This course concentrates on the study of functions with an emphasis on the trigonometric functions, inverse trig functions, logarithmic, exponential, polynomial, and rational functions. The study of these functions leads to the beginning topics of calculus and will prepare students for the study of calculus. This course is strongly recommended for students who see themselves as college bound. A graphing calculator is required.

CREDIT: 1

GRADE LEVEL: Open to all students, grade 11-12, who meet prerequisite.

PREREQUISITE: Algebra II (Recommend Geometry)

STATISTICS

Topics include basic principles and procedures of statistics including levels of measurement, graphic presentation, descriptive measures of central tendency and dispersion, inferential statistics and hypothesis testing, analysis of variance and regression. Course includes use of computer software and interpretation of statistical data reported in subject matter literature. This course is designed to supplement the college prep math curriculum but is not intended to replace AP Calculus. This class would be beneficial for students going into the

areas of business, finance, psychology and law enforcement. A graphing calculator is required.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: Algebra II

BLACK HAWK COLLEGE - MATH 124 * (CALCULUS)

This course is a dual-credit course with Black Hawk College that is worth 4 college credits. Calculus is the reformulation of elementary mathematics through the use of a limit process. The study of calculus involves three distinct areas: Pre-calculus mathematics including the limit process, differential calculus, and integral calculus. Each area will also discuss applications. A graphing calculator is required.

CREDIT: 1; 4 College Credits Hours

**IAI: M1 900-1, MTH 901

GRADE LEVEL: 12

PREREQUISITE: Pre-calculus and appropriate ACT / SAT / ACCUPLACER score to receive college credit.

FEE: \$75

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

MUSIC

CONCERT CHOIR

Concert Choir is an elective choral ensemble that consists of students from 9th -12th grade that wish to perform at a high musical level and grow their musical abilities through singing. The music performed in the course ranges from early classical to gospel to jazz and popular music. Each year this ensemble participates in the IHSA State Large Group Contest as well as performing at quarterly concerts. Bi-annually the Concert Choir, along with the band, will take a summer tour to different parts of the United States. In the recent past, the choir has performed in Sandusky OH, Memphis TN, Nashville TN, St. Louis MO, and New York City.

Syncopation Vocal Jazz Ensemble

As another opportunity, interested students, whether enrolled in Concert Choir or not, can audition for OHS's Vocal Jazz Ensemble, Syncopation. This 10-14 voice group specializes in all areas of vocal jazz including ensemble singing, solo singing, vocal improvisation and more. This auditioned ensemble meets after school on Mondays, Wednesdays, and Fridays from 3:15-4:00 and performs a number of times at different events throughout the community. Some past performances include Andover Christmas Walk at Jenny Lind Chapel,

the Beulah Church Hymn-Sing and the SWCC Vocal Jazz Festival, as well as other community events.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

CONCERT BAND

Band is open to any student who began instruction in middle school and has progressed to a degree of technical and reading ability that will enable them to perform the caliber of music used at the high school level. It shall also have been shown that they have the desire and willingness to further improve and develop their native ability and a willingness to abide by the rules and regulations of the organization. Band is a year long course. Band required activities include the following: Attending a summer band camp in August, performing at the home football games, parades, basketball games, pep rallies, winter and spring concerts, and contest. Students will have special opportunities to participate in IMEA, and the Three Rivers Athletic Conference Band Festival. Opportunities are also available for soloists and small ensembles. Also available is the KnightSounds Jazz Band, which is a special auditioned group that is open to any OHS student.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

MUSIC THEORY

Students will be introduced to the fundamental elements of music: pitch, rhythm, melody, harmony and form. Through composition, analysis, critical listening and performance, the elements of music will be examined for their distinctive roles in musical organization. The course will also provide an overview of the historical, cultural and artistic setting of the pieces of music utilized for class. Students will be expected to perform major scales on a keyboard instrument or other instrument, identify key signatures, intervals, and chords. Students will write intervals, chords, compose short pieces, and develop the ability to write in four-part harmony. Learning the solfege ear-training system will also be expected of students. Students must have the ability to read musical notation as well as demonstrate performance competency on an instrument or in voice.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

PHYSICAL EDUCATION

PHYSICAL EDUCATION

Physical Education is concerned with the total well being of students. This learning area encompasses programs that involve the cognitive and psychomotor

domains of fitness. Basic concepts in physical education provide the students with knowledge, skills, and experiences in body development. It also provides opportunities for obtaining and assessing their individual skills, developing personal health/fitness, teamwork, leadership, poise, and strategies in activities for lifelong participation and maintenance of one's health. Personal best tests are given at the start of each school year and again at the end of the year. Fitness tests and other tests are given during the course of the year to track progress and monitor student success.

CREDIT: 1

GRADE LEVEL: 9, 10, 11, 12

PERSONAL FITNESS

The personal fitness class focuses on the overall well-being of the student. It is a class for students who are looking to enhance their athletic performance, lose weight or simply improve their overall health. The integrated training program incorporates functional exercises that focus on areas of strength, posture, flexibility, balance, stability, nutrition, and cardiovascular health. Daily use of a notebook to record personal health information is required and the class will utilize the weight room, gym, multi-purpose room, and computer labs.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Students must enter with and then maintain a 2.5 G.P.A. or better and also have a discipline record in good standing.

SCIENCE

BIOLOGY

Biology is a course designed to emphasize the major concepts of biology and its implications in our lives. The objective is identifying biological concepts and the foundation upon which the concepts are based. The students will determine what science is, will recognize its spirit, and appreciate its methods.

CREDIT: 1

GRADE LEVEL: 9

PHYSICAL SCIENCE

This course is intended to prepare students for further coursework in Chemistry and Physics by providing foundational knowledge and skills in both areas. As such, first semester will focus on an introduction to physics topics such as motion, forces, energy & work, momentum, projectiles, optics, and sound. Second semester will focus on an introduction to chemistry topics

such as measurement, metrics, states of matter, matter classification, atoms, the periodic table, bonding, and chemical reactions. Students interested in enrolling in a full year of chemistry but not feeling fully prepared to do so may benefit from taking Physical Science first.

Starting in the 2023-2024 school year, students with previous credit for Chemistry will not be allowed to receive credit for the second semester of Physical Science.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Algebra I and Biology. Students should have a scientific calculator.

BIOLOGICAL SCIENCE APPLICATIONS IN AGRICULTURE (BSAA)

This class is designed to reinforce and extend students understanding of science by associating basic scientific principles and concepts with relevant applications in agriculture. Students will examine major concepts of animal and plant science and the specific biological science concepts that govern management decisions in those areas. First semester, the study will be based upon biological principles with application to modern livestock and companion management practices for beef, dairy cattle, swine, sheep, goats, horses, dogs, and cats. Second semester, the course will focus on plant science with application to the horticultural industry. 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.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Biology I; Intro to Ag is Recommended

Note: This is accepted as a laboratory science credit for admission at some colleges. This class is also accepted as a science credit for graduation from high school.

AG TECHNOLOGY

This course provides students with the scientific principles, concepts, and methodologies required to understand the interrelationships of our environment, to identify and analyze environmental problems, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. Areas of emphasis include: ecology, plant and animal wildlife biology, land use and soil conservation, management of waste, water and air

quality, and energy resources. The impact of agricultural practices on the environment and the adoption of sustainable practices leading to improved air, land, and water quality are investigated. Considerable emphasis is placed on field investigations as well as on laboratory study. 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. 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.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Biology I

Note: This course is typically not considered a laboratory science course for college admission. This class is accepted as a science credit for graduation from high school.

CHEMISTRY I

Chemistry is the study of the properties and changes of materials. Main topics of study include atomic structure, molecular structure, chemical reactions, and the nature of solids, liquids, gases, and solutions. Additionally, the basic components of stoichiometry and thermochemistry will be included for study. A portion of the course is dedicated to laboratory work. The course is designed for those who plan to go on to college or pursue technical or professional programs, such as nursing, agriculture, pharmacy, chemistry, or engineering. Chemistry is a sequential year-long course. Consequently, students will not be allowed to progress to the spring semester without first earning credit for the fall semester.

CREDIT: 1

GRADE LEVEL: 10, 11, 12

PREREQUISITE: Algebra I & Biology. Students should have a scientific calculator.

CHEMISTRY II

Chemistry II devotes the first semester to an in-depth study of the chemical principles of kinetics, equilibrium, acid-base systems, solution chemistry, thermodynamics, and electrochemistry. Problem solving skills and techniques are stressed. Laboratory investigations are conducted frequently during the course. The second semester spends 10 weeks on the basics of organic and biochemistry. The course is particularly useful to those students planning careers in nursing, medicine, agriculture, pharmacy, or scientific fields. A graphing calculator

is recommended. Chemistry II is a sequential year-long course. Consequently, students will not be allowed to progress to the spring semester without first earning credit for the fall semester.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: B average or higher in both Chemistry I and College-Prep Algebra II. Instructor approval may be granted for students that do not meet the prerequisites on a case by case basis.

ANATOMY & PHYSIOLOGY

Anatomy & Physiology is a course designed to prepare for a possible career in science or health occupations. Lecture and laboratory study will be based on human anatomy and physiology. All the human body systems will be covered. Each unit will involve a dissection and lab practical and/or activity.

CREDIT: 1

GRADE LEVEL: 11, 12

PREREQUISITE: Biology I

PHYSICS

Physics is the study of the quantitative relationships of matter and energy. The main topics of study covered are mechanics (vectors, speed, acceleration, and forces), Newton's Laws, curvilinear motion, thermal effects, waves, sound, and light. Special emphasis is placed on the nature and methods of problem solving. The course is designed for students who plan to continue their education in technical, scientific, or professional fields such as medicine, engineering, or architecture. Projects and teamwork are an integral part of the class. Physics is a sequential year-long course. Consequently, students will not be allowed to progress to the spring semester without first earning credit for the fall semester.

CREDIT: 1

GRADE LEVEL: 12

PREREQUISITE: B average or higher in both Chemistry I and College-Prep Algebra II; prior completion of Pre-Calculus is strongly recommended. Instructor approval may be granted for students that do not meet the prerequisites on a case by case basis.

SOCIAL STUDIES

WORLD HISTORY A/B

This course is a study of the people, places and events from the beginnings of civilization to modern times. The different units that students will engage in should give them appreciation to how the world has evolved, and

how it affects us today. As a class, we will attempt to use historical thinking to inspire critical thinking. By the end of the year, students should be able to understand some of the most critical issues that challenge us today through the study of global history. This class will also place an emphasis on geography.

CREDIT: 1 or ½

GRADE LEVEL: 9, 10, 11, 12

GOVERNMENT AND CIVICS

This course will study the United States Government, Illinois Government, the American Political System and the role of the citizen in our society. In the course, the U.S. and Illinois constitution tests will be given, which are a requirement for graduation. The class will use the 4 proven practices in civic education to engage students which are: direct instruction on government institutions, simulations of democratic principles, discussions on current and controversial issues and service learning. The goal of the class is for students to gain a better understanding of how the government operates and their place in it, as well as in society. Finally, the class will continually try to develop each student's own political ideology to prepare them to become responsible decision-makers in society.

CREDIT: ½

GRADE LEVEL: 10

CULTURAL GEOGRAPHY

Cultural Geography gives students the opportunity to identify social, political, economic and physical themes of the many different cultures around the world. The purpose of this course is to enable students with an understanding of the past and present human migrations and cultural interactions and their impact on physical and human systems through individual, group, and oral-visual projects. This course will teach students to interpret maps, locate and analyze statistics and compare and contrast the demographic, economic activities, political actions, religious, and physical features of the seven continents.

CREDIT: ½

GRADE LEVEL: 11, 12

U.S. HISTORY

In this course, students will journey through American history with an emphasis on critical thinking. Rather than simply memorizing facts, students will engage with historical narratives and examine various perspectives. The course begins in 1492 and progresses through to the present day, covering key events and ideas along the way. Throughout this journey, students will develop

skills in clear expression and persuasive argumentation. These skills will be fostered through discussions, projects, and activities. Ultimately, the course aims not only to build an understanding of history but also to strengthen students' abilities to think deeply about its relevance to the modern world.

CREDIT: 1

GRADE LEVEL: 11

CONTEMPORARY U.S. ISSUES

In this course, students will study political, economic, and social issues facing the United States, looking at both current events and important issues from the 20th century to today. Students will explore national and state-level challenges, examining how these issues affect society and everyday life. Through discussions, projects, and activities, students will build skills to understand and talk about these issues clearly and thoughtfully. The goal is to help students make sense of today's challenges and develop their own informed viewpoints.

CREDIT: ½ (Fall)

GRADE LEVEL: 11, 12

CONTEMPORARY WORLD ISSUES

In this course, students will explore political, economic, and social issues facing the world today, with a focus on both current events and key topics from the 20th century. Students will look at the causes of these issues, as well as possible solutions and impacts on global society. Through discussions, projects, and activities, students will build skills to understand and talk about these issues clearly and thoughtfully. The goal is to help students make sense of today's challenges and develop their own informed viewpoints.

CREDIT: ½ (Spring)

GRADE LEVEL: 11, 12

SOCIOLOGY

This course is dedicated to the study of human relationships and interaction. Through projects, discussion, film, and research we will chart the course of sociology and examine multiple sociological theories, including those related to conformity, social deviance, and socialization within a society. The course deals with the nature of various forms of behavior and the factors affecting our social relationships. The class will also explore the effects of culture on a human being, as well as the roles gender, age, family, politics, religion and education play in the socialization process.

CREDIT: ½

GRADE LEVEL: 11, 12

BLACK HAWK COLLEGE - HIST 105 *

(US HISTORY TO 1877)

This course surveys the history of the United States from the discovery of America through 1877, including settlement and Westward expansion, the development of the American government, the growth of the American economy, the evolution of an American style of life and thought, the development of sectionalism culminating in the Civil War, and concluding with the failure of Reconstruction. The course will focus heavily on analysis and require at least 12 pages of critical writing from the students throughout the semester.

CREDIT: ½ (Fall); 3 College Credit Hours

**IAI: S2 900 (I.I)

GRADE LEVEL: 11, 12

PREREQUISITE: An "A" in Academic Writing and/or the recommendation of the English Department teachers.

FEE: \$75

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

BLACK HAWK COLLEGE - HIST 106 *

(US HISTORY SINCE 1877)

This course examines the history of the United States from the end of Reconstruction in 1877 through the present, including the rise of the U.S. as a major world power, the continued growth and development of the federal government, efforts to improve the status of minorities and women, growth of the economy, and the changing pattern of American life. The course will focus heavily on analysis and require at least 12 pages of critical writing from the students throughout the semester.

CREDIT: ½ (Spring); 3 College Credit Hours

**IAI: S2 901 (I.I)

GRADE LEVEL: 11, 12

PREREQUISITE: Successful completion of HIST 105 or teacher recommendation. An "A" in Academic Writing and/or the recommendation of the English Department teachers.

FEE: \$75

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

BLACK HAWK COLLEGE - PSYC 101 *

(INTRODUCTION TO PSYCHOLOGY)

A survey of the field of general psychology without specific emphasis on any particular theory or model of human or animal behavior. Fundamental principles, methods, theories and issues in the field are discussed. Content areas may include learning, thinking, neurosci-

ence, methodology, memory, perception, personality, intelligence, emotion, adjustment, and abnormality among others. (This course will count towards a ½ credit of Social Studies.)

CREDIT: ½; 3 College Credit Hours

**IAI: S6 900

GRADE LEVEL: 12

PREREQUISITE: See Black Hawk College ENG 101 Requirements.

FEE: BHC Tuition

NOTE* A grade of "C" or higher is required for this course to be eligible to be included in the IAI General Education Core Curriculum.

EXTERNAL COURSE OFFERINGS**ACC (Area Career Center—UT)****AUTO BODY I & II**

A two-year program that requires students with good manual dexterity and an appreciation for craftsmanship in a high demand field. In these courses, students will develop skills in welding, metal forming and straightening, and will apply an understanding of geometry to frame and front alignment. Instruction in straightening doors and fenders, replacement of panels, alignment of all sheet metal parts, mixing and matching paints, and paint application is also included. The second year of the program includes instruction in estimating, making shop tickets, replacing door glass, and custom painting and framework. This class has done many custom autos that have won car shows.

Auto Body I

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

**Welding gloves required. Cotton coveralls to be purchased on your own.

Auto Body II

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Auto Body Repair I.

FEE: A lab fee is required.

**Welding gloves required. Cotton coveralls to be purchased on your own.

AUTO BODY REGISTERED APPRENTICE

This course is taken as an alternative to ACC Auto Body II, in which, following completion of ACC Auto Body I, the student applies, is interviewed, and employed as a registered apprentice through various local

businesses. This course starts during the summer after the student's junior year and continues through their senior year. Apprentices are trained in the Department of Labor's standards for a Service Mechanic (Auto Mfg).

AUTO MECHANICS I & II

A two-year demanding program designed to prepare students for a career in the automotive industry. This field becomes more technical every day, requiring intelligent service personnel. A variety of automotive systems related to Automotive Service Excellence (ASE) are studied during the two years. Also, students will participate in many lab activities on actual vehicles. For interested students, here is the opportunity to build a firm foundation in the automotive field. Students are expected to provide adequate clothing, but they are not required to purchase specific items of clothing.

Auto Mechanics I

CREDIT: 2½
GRADE LEVEL: 11, 12
FEE: A lab fee is required.
**Safety glasses required.

Auto Mechanics II

CREDIT: 2½
GRADE LEVEL: 12
PREREQUISITE: Auto Mechanics I
FEE: A lab fee is required.
**Safety glasses required.

AUTO MECHANICS REGISTERED APPRENTICE

This course is taken as an alternative to ACC Auto Mechanics II, in which, following completion of ACC Auto Mechanics I, the student applies, is interviewed, and employed as a registered apprentice through various local businesses. This course starts during the summer after the student's junior year and continues through their senior year. Apprentices are trained in the Department of Labor's standards for an Automotive Technician Specialist.

BARBERING I & II

A two-year program approved and licensed by the Department of Financial and Professional Regulation. It offers both theory and practice in the following areas as they relate to the practice of barber science and art: anatomy, physiology, skin diseases, hygiene and sanitation, barber history, barber law, haircutting and styling, shaving, shampooing and permanent waving, massaging, and implements. The program will be offered by contracting with a private barber college. In

most cases, students will be required to provide their own transportation to a barber college.

Barbering I

CREDIT: 2½
GRADE LEVEL: 11, 12
FEE: Uniform and Workbook fees are required.

Barbering II

CREDIT: 2½
GRADE LEVEL: 12
PREREQUISITE: Barbering I
FEE: Uniform and Workbook fees are required.

BUILDING TRADES I & II

A two-year program providing experiences in all phases of the construction industry. The major course project – building a house – allows students to engage in: house design, blueprint design and reading, layout, framing, siding, windows, roofing, concrete, deck construction, heating and insulation, sheet rock and drywall, a variety of flooring installation, finish carpentry, painting, and possible landscaping and fencing. Hand tools and pouches may be provided through the Building Trades program but some students may prefer to purchase their own.

Building Trades I

CREDIT: 2½
GRADE LEVEL: 11, 12
FEE: A lab fee is required.
**Safety glasses are required.

Building Trades II

GRADE LEVEL: 12 CREDIT: 2½
PREREQUISITE: Building Trades I
FEE: A lab fee is required.
**Safety glasses are required.

DESIGN AND DRAFTING I & II

A two-year program offering students many drafting, engineering, and design experiences. Design and Drafting I students will use the 3D modeling CAD software Inventor to explore part design, mechanical engineering and mechanical drafting during the 1st semester. During the 2nd semester, students will use the CAD software Architectural Desktop to design, draw, and plot a complete set of house plans for a residential house. Using 3D printers is an essential part of the design process for this class. We also build 3D printers in class. In the second year class, Design and Drafting II, students will choose a field of study to focus their studies. A major project will be required that will demonstrate technical

skills and knowledge needed in the drafting and engineering fields. Projects will range from designing buildings that are built in the community to designing parts for manufacturing. Students who desire a career in drafting or a related engineering field should consider this a required course sequence, since colleges and employers often expect prior CAD training.

Design and Drafting I

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

Design and Drafting II

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Design and Drafting I

FEE: A lab fee is required.

EARLY CHILDHOOD EDUCATION I

The first year of a two-year program exploring the field of education with emphasis on becoming a teacher and/or a child care provider. Students will be assigned to work as a Student Helper in a daycare center, elementary school, or special education setting, planning and teaching activities to groups of children. From September to May, students will be teaching lessons to toddlers, preschoolers, elementary and special needs children 3 days a week. Upon successful completion of the course requirements, students will receive the Early Childhood Education Level I Credential as recognized by the State of Illinois. Course requirements include daily attendance, a dress code that is appropriate for working with small children and a current physical and TB test for the first day of class.

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

EARLY CHILDHOOD EDUCATION II

The second year of a two-year program designed to give students classroom and practical training hours in order to work towards the CDA (Child Development Associate) credential. Students will prepare for the CDA by completing professional education (class time training) and work with children (infants, toddlers, or preschoolers; ages 3-5) at a child care program. Upon completion of classroom and work based experience students will be ready to apply for the CDA credential.

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Early Childhood Education I

FEE: A lab fee is required.

EXTENDED CAMPUS HEALTH OCCUPATIONS (ECHO) I *

A Certified Nursing Assistant program, approved by the Illinois Department of Public Health (Program #0288). At the end of this year long course, students who complete all requirements will be eligible to take the Illinois Competency Exam and will receive CNA credentials. This class introduces students to the fundamentals of healthcare and nursing assistant skills through theory, lab, and clinical rotations. Clinical rotations involve students in direct patient care in nursing homes and hospitals under supervision of the UT ACC clinical instructor. This class is also an 8 hour dual credit class through Black Hawk College.

CREDIT: 2½; 8 College Credit Hours

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

**White uniform, shoes, and watch with sweep second hand movement are required.

**State Certification testing is optional.

EXTENDED CAMPUS HEALTH OCCUPATIONS (ECHO) II

An introduction to anatomy and physiology to prepare the student for college. This is a yearlong class and will expand the knowledge with future medical professionals about the human body. Successful completion of ECHO I is a must. This class is not intended only for future nurses, but anyone who wants to go into any field of study that involves science.

CREDIT: 2½

GRADE LEVEL: 12

FEE: A lab fee is required.

FIRE SCIENCE/FIRE FIGHTING I

The first year of a two-year program that prepares students for a career as a Firefighter or related Fire Science occupation. During the first year students will learn the skills needed to prevent and extinguish fires, maintain and repair fire service related equipment, provide basic first aid, and prepare public service information concerning fires and hazardous materials. This class is a mini-fire academy minus the hands-on fire evolutions.

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

FIREFIGHTING II/EMERGENCY RESPONDER

The second year of a two-year program in Fire Fighting. Students will build upon the knowledge and skills gained during Introduction to Health Occupations I or Fire Fighting I. This course will allow students to become a

state or national Emergency Medical Responder and begin work on the basic skills for EMT or EMS which are required for employment as regular duty Paramedic Fire Fighter. Students will also learn Technical Rescue Awareness, which includes trench rescue, structural collapse, confined space and high angle rescue.

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Fire Science/Fire Fighting I

FEE: A lab fee is required.

GRAPHICS ARTS I & II

A two-year program that introduces students to the graphic arts/printing industry. The program provides instruction in Desktop Publishing, design and layout, screen printing and sign making. Emphasis is placed on the use of technology in design, focusing on Adobe Photoshop, Illustrator, and InDesign software., and Photography.

Graphic Arts I

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

Graphics Arts II

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Graphic Arts I

FEE: A lab fee is required.

LAW ENFORCEMENT AND PUBLIC SAFETY I

A two-year program designed to prepare students to enter into the fields of law enforcement and the criminal justice system. This is an introduction to the criminal justice system which includes the history of law enforcement, the legal system, causes of crime, and different criminal justice areas. Students also learn about recent news, report writing, and basic defensive tactics. Students will be introduced to basic criminal investigation techniques, the use of communications and dispatch equipment, perform proper search and seizure techniques, and how to conduct basic criminal investigation. Instruction will also include handcuffing, arrest procedure and techniques, and handling general police calls.

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

LAW ENFORCEMENT AND PUBLIC SAFETY II

A continuation of the two-year program designed to

prepare students to enter into the fields of law enforcement and the criminal justice system. Instruction will focus on police administration, community policing, and the selection and hiring standards for various criminal justice agencies. Students will continue learning how to use police equipment and execute arrests, searches and the handling of general police calls.

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Law Enforcement and Public Safety I

FEE: A lab fee is required.

MANUFACTURING TECHNOLOGY I & II

A two-year innovative pre-engineering program in which students experience manufacturing processes first-hand. Some of the training will be conducted on-site at John Deere Harvester Works plant. Students will receive training on current production machines and equipment from experienced workers. John Deere employees will lead these students through a wide variety of educational experiences in order to teach technical skills as well as general employability skills. Management personnel conduct training seminars in areas such as teamwork and problem solving. Candidates for this program must have a proven history of good attendance. Applicants are selected through an interview process with John Deere Harvester Works staff. Qualifying seniors will receive a full scholarship to Black Hawk College. Students are expected to provide adequate work clothes; however, they are not required to purchase specific items of clothing.

Manufacturing Technology I

CREDIT: 2½

GRADE LEVEL: 11, 12

PREREQUISITE: Good Attendance and Behavior

FEE: A lab fee is required.

**Safety glasses required.

Manufacturing Technology II

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Manufacturing Technology I

FEE: A lab fee is required.

**Safety glasses required.

WELDING I & II *

A two-year program designed to make students employable as welders in local industry. The course provides instruction in common welding processes including oxy-acetylene, brazing, soldering, electric arc, MIG and TIG as well as in the preparation and layout of different welding joints, the care or expansion, contraction

and stressing of metals, and the operation, care and repair of welding equipment. This class is eligible for dual credit through Black Hawk College.

Welding I

CREDIT: 2½

GRADE LEVEL: 11, 12

FEE: A lab fee is required.

**Safety glasses, welding gloves, wire cutters, pliers, and adequate work clothes are required.

Welding II

CREDIT: 2½

GRADE LEVEL: 12

PREREQUISITE: Welding I

FEE: A lab fee is required.

**Safety glasses, welding gloves, wire cutters, pliers, and adequate work clothes are required.

WELDING REGISTERED APPRENTICE

This course is taken as an alternative to ACC Welding II, in which, following completion of ACC Welding I, the student applies, is interviewed, and employed as a registered apprentice welder through various local businesses. This course starts during the summer after the student's junior year and continues through their senior year. Apprentices are trained in the Department of Labor's standards for a Combination Welder.