

Central Decatur
Secondary School



Course Description
Handbook

MULTICULTURAL NONSEXIST POLICY STATEMENT

It is the policy of the Central Decatur Community School District of Decatur County, Iowa, to provide equal educational opportunities and not to illegally discriminate on the basis of gender, race, national origin, religion, age, marital status, creed, sexual orientation, gender identity, or physical/mental disability in its educational programs and activities. Affirmative steps shall be taken to integrate students in attendance centers, programs and classes on the basis of race, national origin, gender, and physical/mental disability.

This agency shall provide program activities, a curriculum and instructional resources that reflect the racial and cultural diversity of the United States and the variety of careers, roles and lifestyles open to both men and women in our society. One of the objectives of the school program, curriculum, services and teaching strategies is to reduce stereotyping and to eliminate bias, prejudice and discrimination on the basis of gender, race, creed, national origin, religion, age, marital status and physical, mental or handicap disability. The curriculum, programs and services shall foster respect and appreciation for the cultural diversity found in our country and an awareness of the rights, duties and responsibilities of each individual as a member of the pluralistic society.

MISSION STATEMENT for the CENTRAL DECATUR SCHOOLS

The Central Decatur Schools will provide students the opportunity for a quality education to achieve the highest academic, technical, reasoning and social skills that challenges and prepares all students to reach maximum potential in the classroom, in society and in future endeavors.

DISTRICT PHILOSOPHY

It is the purpose of Central Decatur MS/HS School staff to provide the educational experiences that stimulate the highest degree of personal growth for each student. The school will provide a varied curriculum to encourage development based on the abilities and interests of the student and the needs of society. All courses and school-sponsored activities will contribute to the total development of the individual and provide a foundation for continued growth.

Note to Parents and Students of Central Decatur Secondary School:

This Enrollment Guide and Course Description booklet was designed to enable you to select courses that meet the requirements for graduation from Central Decatur Secondary School and choose courses that support your career path.

Secondary school graduates will spend approximately 45 years in the workforce. We encourage the students to plan a schedule according to career and educational goals. This is especially important to those seeking post high school training. The time spent planning and preparing for a career ensures a successful transition to the world of work.

Students are encouraged to take classes that are appropriate to their ability level. We would appreciate you discussing the classes your son or daughter wants to take and reviewing their plans for high school and post-graduation options. Students complete a tentative four-year high school plan and each year the student has the option of changing course selections as career and educational goals change. Materials are given annually to write down your goals and create a plan of action.

If you have any questions about the enrollment process, the four-year plan, or any other issues that arise, please do not hesitate to telephone or visit the school counselor's office for educational and career planning information. Communication is the key to success.

Table of Contents
Course Descriptions

- 1.) [Using the course catalog](#), Page 4
- 2.) [Graduation Requirements](#), Page 5
- 3.) [Senior Year Plus Information](#), Page 6
- 4.) [Agriculture](#), Page 8
- 5.) [Art Education](#), Page 11
- 6.) [Business Education](#), Page 13
- 7.) [Culinary Arts](#), Page 15
- 8.) [Health and CNA](#), Page 17
- 9.) [Industrial Technology](#), Page 18
- 10.) [Career Academies](#), Page 20
- 11.) [Language Arts](#), Page 23
- 12.) [Math](#), Page 25
- 13.) [Music](#), Page 27
- 14.) [Physical Education](#), Page 29
- 15.) [Science](#), Page 30
- 16.) [Social Studies](#), Page 31
- 17.) [World Language](#), Page 33
- 18.) [SWCC](#), Page 35

How to use the Course Catalog

1. Plan a career pathway based on your current interests, skills, talents, and goals.
2. Decide on the level of post-secondary training or education you are willing to complete.
 - Work after high school
 - Technical/community college (2 years)
 - College or university (4 years)
3. Before you leave each grade, you should know the exact courses you plan to take the next year and have an idea of the courses you plan to take in the years to come.
4. In the Course Description Summary all classes are listed. The summary includes:
 - Period of time class meets (semester or all year)
 - Grade levels for classes
 - Recommended (some classes necessitate you to take a lower level class first)
 - One credit earned for completion each class except where noted.
5. Before students enroll, they meet with the school counselor to explain the enrollment process. They receive an enrollment request form, credit history, four-year plan update, and a course description packet is made available. When planning their schedule they should keep in mind:
 - High school graduation requirements
 - Level of post-secondary training or education they intend to complete
 - Admission requirement for Universities/Colleges & Technical/Community College
 - Student's career pathway
6. Students should consult parents, counselors, and teachers for advice on planning their schedule. A parental approval signature is required.
7. Choose classes required for graduation first, then choose classes in your career pathway or that will meet the admissions requirements for post-secondary, technical schools and colleges. Class selection should not be based on whether a friend is enrolling or the course of study is an "easy schedule." Choose challenging classes that will advance your graduation and career goals.
8. Choose alternative classes in case your first class is not available.
9. The school counselor's office is your resource for information on:
 - Occupations
 - Technical schools & community colleges
 - Colleges and universities
 - Scholarships and financial aid
 - Pre-employment skills
 - Job shadowing and mentoring

GRADUATION REQUIREMENTS
CENTRAL DECATUR DIPLOMA

Credits necessary for graduation:

- A. 50 credits
- B. Students in grades 9-11 must carry at least 7 credits
- C. Must successfully complete all required courses.

Required courses:

- 1. 4 years of Physical Education
- 2. 4 years Language Arts
- 3. 3 years Social Studies
- 4. 3 years Math
- 5. 3 years of Science

Required Course Offerings:

| | |
|--|--|
| <p>Ninth Grade</p> <p>English 1 Algebra I General Science American History Physical Education</p> | <p>Tenth Grade</p> <p>English 2 Geometry Biology Social Studies Elective Physical Education</p> |
| <p>Eleventh Grade</p> <p>English 3 Math Elective Science Elective Physical Education</p> | <p>Twelfth Grade</p> <p>English Elective Government (semester) Personal Finance (semester) Physical Education</p> |

Due to class limits at registration time, juniors enrolling for their senior year will have priority, then sophomores, etc. After registration, classes will be available on a first come first serve basis. Students will be assigned required courses by the administration. Required courses may not be dropped. Elective courses may be dropped only during the first five days of the course. Courses dropped after that time will result in a failing grade being entered into the student's permanent record. Students will be allowed to change their schedule once per semester upon approval of parent/guardian, teacher, and administration.

Home-schooled students may not obtain a Central Decatur diploma. (Board policy 604.8) unless they complete all of the above listed graduation requirements established by the Central Decatur School Board and these requirements are completed in the Central Decatur classroom setting.

SENIOR YEAR PLUS PROGRAM

The Senior Year Plus (SYP) Program serves as an umbrella for a variety of programs designed to provide high school students access to courses that have the potential to generate college credit. The program was enacted to promote rigorous academic pursuits and to provide a wider variety of options to all high school students. It enables 9-12 grade students who qualify to enroll part-time in nonsectarian courses in eligible post-secondary institutions of higher learning in Iowa. Different programs have specific grade competency, and application requirements as listed within the program and course descriptions. Students must have self-discipline, time management, and motivation to meet deadlines and complete work independently.

Senior Year Plus Programs:

Advanced Placement (AP®)

Advanced Placement (AP®) courses are college-level courses offered by high schools. The courses, curriculum requirements, and optional tests are provided by The College Board. Based on the examination score and the postsecondary institution's policies, students may be eligible for college credit or advanced standing at the college or university they later matriculate.

Postsecondary Enrollment Options (PSEO)

The Postsecondary Enrollment Options Act was enacted in 1987 to promote rigorous academic pursuits by providing high school students access to enroll in nonsectarian courses in eligible postsecondary institutions. Now offered through Senior Year Plus, the program is available to eligible juniors and seniors as well as freshmen and sophomores who are identified as gifted and talented according to the school district's criteria and procedures.

Concurrent Enrollment

The concurrent enrollment program, also known as district-to-community college sharing, promotes rigorous academic or career and technical pursuits by providing opportunities for high school students to enroll in eligible nonsectarian courses at or through community colleges. Per Senior Year Plus, concurrent enrollment courses are offered through contractual agreements between community colleges and school districts within their service area.

Career Academies

Career academies are programs of study offered to high school students through an agreement or contract between their high school and a community college. They bridge high school and community college CTE programs.

College Classes- Southwestern Community College (SWCC) Concurrent Enrollment

Students must have self-discipline, time management and motivation to meet deadlines and complete work independently.

PREREQUISITES FOR ALL COURSES:

- Students must be in grades 9-12.
- Students must be proficient in English(reading/writing) and/or Math and/or Science on the statewide assessments each year as prerequisites for certain courses. Assessment proficiency starts in 8th grade.

Complete:

- Online application for admission to SWCC.
- SWCC Registration Form with student, and HS school official signatures.
- Submit a high school transcript.. (Counselor will do this upon completion of all forms/applications)
- Meet any additional requirements as set forth by the college and school

*Completion of the application and registration form does not guarantee enrollment in the courses selected. Roster availability, pre-requisites, and placement scores will be evaluated before enrollment is confirmed.

Students may participate in classes at the Central Decatur campus, online, or in the district as offered.

ACADEMIC AWARENESS:

- All courses shall be approved on a case-by-case basis by the school counselor and/or principal.
- All college courses are 1 semester in length.
- Taking a college course begins your college transcript and college GPA.
- A college course will be displayed on your high school transcript. Grades earned **will** impact a student's high school grade point average, class rank, and honor roll.
- College course grades will also affect your eligibility for extracurricular activities.
- Students are responsible for communicating any questions or concerns with the teacher.
- Students are allowed one period for college classes if their schedule allows. All online college courses are monitored by CD staff and grade checks will be completed every 2 weeks. Parents will be notified by email of D or F grades.
- Seniors enrolled in online courses will be required to enroll in and attend at least one study hall period in the building every school day.
- Receiving a failing grade or withdrawing from a course may affect eligibility to take future courses.
- Transportation to or from a concurrent/ post-secondary institution will be the responsibility of the parent/student.

Agriculture

In order to meet the State Department of Education and National requirements for CTE (Career Technical Education), all students enrolled in the CD Agricultural Science program will maintain a project outside of the classroom time period. Records of the students' choice will be maintained for the duration of the project. Examples of projects are: small and or exotic animals, job placement, crops/ horticulture, lawn care, home improvement, mechanical skills, livestock production, etc. Continuation and expansion of these projects can earn students financial stability far beyond graduation and possible recognition at the state and national level in the FFA organization. It is recommended that Agriculture students be members of the Central Trail FFA Chapter and have the opportunity to compete in contests throughout the year.

Ag 1 - Introduction to Agriculture: Food, and Natural Resources (AFNR): (Year) Elective **Grade Level: 9-12**

This course introduces students to the range of agricultural opportunities and the pathways of study they may pursue. Science, mathematics, reading, and writing components are woven in the context of agriculture and students use the introductory skills and knowledge developed in this course throughout the CASE curriculum. Woven throughout the course are activities to develop and improve employability skills of students through practical applications. Students explore career and post-secondary opportunities in each area of the course. While surveying the opportunities available in agriculture and natural resources, students learn to solve problems, conduct research, analyze data, work in teams, and take responsibility for their work, actions, and learning. Students investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

Ag 2 - Principles of Agricultural Science-Plant: (Year) Elective

Grade Level: 10-12

Prerequisite: Prefer completion of the **Introduction to Agriculture course** before taking this course.

This course is a foundation-level course teaching students the form and function of plant systems. Student experiences include the study of plant anatomy and physiology, classification, and the fundamentals of production and harvesting. Students learn how to apply scientific knowledge and skills to use plants effectively for agricultural and horticultural production. Students discover the value of plant production and its impact on the individual, the local, and the global economy. Teachers are provided detailed professional development to facilitate instruction.

Ag 3 - Principles of Agricultural Science-Animal : (Year) Elective

Grade Level: 10-12

Prerequisite: Prefer completion of the **Introduction to Agriculture course** before taking this course.

This course is a foundation-level course engaging students in hands-on laboratories and activities to explore the world of animal agriculture. During the course, students develop a comprehensive Producer's Management Guide for an animal of their choice. Student experiences involve the study of animal anatomy, physiology, behavior, nutrition, reproduction, health, selection, and marketing. Throughout the course, students consider the perceptions and preferences of individuals within local, regional, and world markets. Students investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

Ag 4 - Agricultural Business Foundations: (Year) Elective

Grade Level: 11-12

Prerequisite: Must have completed the **Introduction to Agriculture and one other Ag course.**

This course introduces students to business management in agriculture. Mathematics, reading, and writing components are woven in the context of agriculture and students will use the introductory skills and knowledge developed in this course throughout subsequent CASE courses. Throughout the course are practical and engaging activities, projects, and problems to develop and improve business and employability skills. Additionally, students investigate and develop viable business plans in order to solve local problems. The business plan ideas are communicated to student peers and members of the professional community.

Veterinary Science: (Semester) Elective

Grade Level: 11-12

Prerequisite: Ag 1 - Introduction to Agriculture: Food, and Natural Resources (AFNR) and Ag 2 - Principles of Agricultural Science-Plant

Save yourself a trip to the vet by diagnosing common pet illnesses at home! Explore animal systems, diagnose diseases and determine the best treatment for your furry family member. Build a foundational understanding of the biological and environmental factors in disease transmission, explore what causes illnesses, and learn about the prevention and treatment of common animal disorders.

Natural Resources Management: (Semester) Elective

Grade Level: 11-12

Prerequisite: Ag 1 - Introduction to Agriculture: Food, and Natural Resources (AFNR) and Ag 2 - Principles of Agricultural Science-Plant

Make Iowa's great outdoors your classroom as we take learning outside to explore Iowa's forests, soil and water. You'll learn about the anatomy and physiology, growth, and development of trees; soil structure, nutrient analysis, and erosion; and water management and pollution. We'll talk about the environmental and economic impact of these intricate ecosystems on our state and world, plus analyze ways that our population can preserve, protect and manage natural resources for the future.

Agriculture Electives

**May be offered based on enrollment and staffing:*

Agricultural Independent Study: (Year) Elective

Grade Level: 11-12

Prerequisite: Must have permission from the instructor and administrator prior to enrolling.

Students that are unable to enroll in an agricultural course due to conflicts or students that wish to enhance their agricultural learning are invited to take part in an Agricultural Independent Study. This course allows the student to work along with the coursework being provided in the agricultural classroom, or to select an area of study they would like to enhance their knowledge through. Students must make arrangements with the instructor prior to enrolling in this course. Students must be self-starters, take initiative in their learning, and be willing to check in weekly with the instructor. Students who enroll in this course, must have proven a strong commitment to enhancing their agricultural knowledge.

Agriculture Leadership: (Full Year) Elective

Grade Level: 10-12

***Prerequisite: Must be a Central Trail FFA Officer**

Are you a captain on your sports team? Dream of owning or leading a business someday? Do you wish you could convince everyone to take an Ag. course, because you just can't get enough? Even if leading comes naturally to you, you won't get far without effective communication, team building, citizenship and organizational skills. So take some time to discover how you're wired and how your unique skills will help those around you thrive. You'll learn how to communicate effectively and persuasively through public speaking opportunities, serve in the community, help educate your peers about issues and options in agriculture, and coordinate events that will impact your school for the better.

Advanced Animal Science: (1 Semester) Elective

Grade Level: 12

Prerequisite: Must have previously completed Introduction to Agriculture, , Principles of Agricultural Science—Plant, and Principles of Agricultural Science—Animal.

Learn about your food, from farm to fork! Get the back-story of the animal-based food products you've been eating your whole life - and some of the issues and threats facing their production and consumption. We'll talk about hot topics like how animal nutrition, selective breeding, product distribution, food grading and safety, biotechnology and animal selection affect the food that powers our country. Lab activities will give you practical, hands-on experience with these issues so you can be better informed as a leader in agriculture.

Greenhouse Operations: (1 Semester) Elective

Grade Level: 10-12

Prerequisite: Must have previously completed Introduction to Agriculture and Principles of Agricultural Science—Plant.

Hang out in a greenhouse, learning plant production, identification, disease prevention, pest management, and equipment care. Learn how to maintain and manage a commercial greenhouse and learn what it takes to create healthy environments for specific plant species. Put your new growing and business skills into practice to raise food for the school lunch program.

Landscape Design: (1 Semester) Elective

Grade Level: 10-12

Prerequisite: Must have previously completed Introduction to Agriculture and Principles of Agricultural Science—Plant.

Bump up your curb appeal! In this class, you'll get to know common Iowa landscaping plants, create designs using new technology, and learn to build hardscapes - like retaining walls and patios. This course will explore the process of creating greenscape and hardscape plans and carrying them through to completion, so we'll cover how to source and handle materials, install them safely and manage all aspects of a landscaping project. Hands-on (and - ahem - outdoor) learning will be an important part of this class.

Fish & Wildlife Management: (1 Semester) Elective

Grade Level: 10-12

Prerequisite: Must have previously completed Introduction to Agriculture

Up your game - make hunting and fishing more than just a hobby! Improve your knowledge of Iowa's game species and the ecological, physical and environmental components of wildlife management. You'll study the ecology of wildlife species' needs, struggles and populations, and suggest ways to manage these populations to help them thrive.

School to Work Training: (1 Semester) Elective

Grade Level: 12

***May participate in the class 1st and 2nd semester.**

Prerequisites: Must have previously completed an agriculture class.

Must have permission from the instructor and principal to enroll

Increase your knowledge of agriculture by working in one or more businesses that are related to the Agriculture, Food and Natural Resources career pathway. As you gain real-world experience, you'll keep a log of what you're learning and identify next steps for career development.

 CD School School to Work Agreement

Art Education

Art I-Intro to Art: (Year) Elective

Grade level: 9-12

Intro to Art is the introductory class for all art classes. The course will enable the student to become visually sensitive to the world in which he/she lives. Design is the foundation for art as well as everyday visual experiences. Projects will be based on the seven elements and principles of design in both two-dimensional and three-dimensional work. The student will also develop the ability to critically evaluate his/her own artwork, as well as the artwork of others. The projects in this class are designed to give students diverse experiences with materials, methods and skill exportation. Through survey and discussion, we will learn concepts from artists through history and of today. From there, with each project, students take on a variety of creative hands-on challenges.

Art II-Drawing/Ceramics: (Year) Elective

Grade Level: 10-12 Recommended: Intro to Art

This class will have a focus on traditional mediums. We will create ceramic projects often with a sculptural element added. We will have drawing projects, sometimes planning drawings or brainstorming sketches between our 3D projects often relating to what we will be doing with clay. We will study patterns from cultures ancient and far and have opportunities to practice what we observe. During the year we will enhancing our drawing and shading skills and creating 3D projects, sculpting and glazing your own creations! We will review basic ceramic hand building techniques like pinch, coil and slab construction, as well as trying throwing on the wheel. With guidance you will create functional and non-functional pottery and sculpture.

Art III-2D/3DDesign: (Year) Elective

Grade level: 10-12 Recommended: Intro to Art

This course will have students survey and use design concepts. These concepts will further explore the eight 'Elements' and eight 'Principles' of Design, along with other important design concepts. Used in graphic arts, fine arts, we will analyze these building-block issues of design in works from history, artists of today. We will apply what we learn to our hands-on projects, which will explore a variety of approaches and processes. Creativity will be practiced with each project. Students will experience drawing, printmaking, different kinds of sculpture, each project different from the last.

Art IV-Advanced Drawing & Painting: (Year) Elective

Grade level: 10-12 Recommended: Intro to Art

Learn even more advanced drawing skills and techniques. Students will focus on many different aspects of drawing, including textural methods of rendering such as tonal, stippling, hatching, cross hatching, perspective concepts, figure drawing and more. Students will focus on many different aspects of painting using several different media (watercolor, pastels, acrylics, etc.).

Mixed Media: (Year) Elective

Grade level: 10-12 Recommended: Intro to Art

A mixed media course designed to break the boundaries of traditional artmaking. This experimental workshop invites you to move past the “rules” of a single medium by layering acrylics, inks, textiles, and found objects to create rich, multidimensional narratives. You will master techniques in collage (photos blended with painting), texture building, and construction with found objects. We will turn everyday materials into compelling visual stories. Whether you are a seasoned creator or a curious beginner, this class prioritizes the joy of discovery over technical perfection, encouraging you to see potential in the discarded and beauty in the experimental.

Business Education

Intro to Business: (Year) Elective

Grade Level: 9-12

Students will be introduced to business concepts such as banking and finance, the role of government in business consumerism, credit investment and management. The course will provide a brief overview of the American economic system and corporate organization.

Computer Science Principles A & B: (Semester) Elective

Grade Level: 9-12 Recommended: Intro to Business

At a time when computer science affects how we work and live, Computer Science empowers students in grades 9-12 to become creators, instead of merely consumers, of the technology all around them. The program’s interdisciplinary courses engage students in compelling, real-world challenges. As students work together to design solutions, they learn computational thinking – not just how to code – and become better thinkers and communicators. Students take from the courses in-demand knowledge and skills they will use in high school and for the rest of their lives, on any career path they take.

Accounting 1: (Year) Elective

Grade Level: 10-12 Recommended: Intro to Business

This course places emphasis on the basic principles, concepts, and procedures of accounting used in most businesses. The student will study the elements of accounting and the accounting equations, double-ledgers, finding and correcting errors, preparation of worksheets for adjusting and closing books, financial statements, and introduction of the use of data processing in accounting. This course is a continuation of Accounting 1 and continues to develop the students skills in accounting. It places emphasis on the principles, concepts, and procedures of accounting used in businesses. The student will

study the elements of accounting and the accounting equations, double-ledgers, finding and correcting errors, preparation of worksheets for adjusting and closing books, financial statements, and introduction of the use of data processing in accounting.

Business Law: (Semester) Elective

Grade Level: 10-12 Recommended: Intro to Business

This course is designed to introduce the student to the study of law through a brief look at how law developed, the legal system in the United States, the functions of the federal and state court systems, and civil and criminal law. Additional topics include computer law, financial crimes, legal careers, international law, discrimination, contracts and business organization. This course will help students become aware of their rights and responsibilities under the laws so they can function as responsible citizens in their personal and professional lives.

Entrepreneurship: (Semester) Elective

Grade 10-12 Recommended: Intro to Business

Students will be provided with the knowledge needed to realistically evaluate their potential as a business owner. They will examine all the major steps involved in starting a new business: Ownership, Strategy, Finance, and Marketing. Students will develop a business plan, and learn what it takes to get an entrepreneurial venture off to a good start.

Digital Media: (Year) Elective

Grade 10-12 Recommended: Intro to Business

Students will examine varying ways to present a variety of subjects digitally. This includes using websites, social media and other ways to present information to the public. Students will utilize and explore types of digital photography. Students will use school related events to help promote those activities within the school.

Culinary Arts

Introduction to Foods: (Year) Elective

Grade Level 9-10

Intro to Foods is an introductory course to Foods for those interested in a potential career path or to strengthen life skills. The goal of this course is to strengthen life skill development related to food and nutrition for personal consumption as well as to expand knowledge of careers and expectations in the food industry. Life skill development will address food safety and hygiene, nutrition and wellness, reading recipes and a variety of food preparation techniques. In addition, cultural influences on food will be addressed as students explore food from around the world.

Food and Nutrition: (Year) Elective

Grade Level: 10-12

Recommended: Intro to Foods

This course provides a scientific knowledge of food and nutrition. The goal is to examine food more closely from a nutritional standpoint including learning about nutrients provided by food, evaluating foods based on their nutritional value and health goals. Students will practice standards in health and hygiene to prepare a variety of more health conscious foods and explore a variety of dietary choices.

Fundamentals of Culinary Arts: (Year) Elective

Grade Level: 10-12

Recommended: Intro to Foods

This course is to help students further delve into food preparation and a career pathway in food. Learning will focus on personal and professional skills. Content throughout the year will include building skills in key components of baking and cooking, knife skills, seasonings and flavorings, and cooking methods. Students will explore a variety of cooking and baking techniques to prepare foods including sandwich design, pastas, pastries and more.

Hospitality and Food Management I: (Year) Elective

Grade Level: 10-12

Recommended: Intro to Foods

Must have taken ONE high school foods course prior to enrolling in this class. The Hospitality and Food Management Course will focus on developing a student run business in the field of culinary arts. Students will research and develop a business plan as well as implement that plan within and outside the school day. This will include running the business to include marketing, menu planning, scheduling, food production, ordering and delivery. In addition to focusing on business management skills, students will advance skills in food safety and hygiene, knife skills, and food preparation. There will be some commitments outside of regular class time to fulfill course requirements such as evening catered events. There is a potential in this class to earn ServeSafe certifications as well.

Hospitality and Food Management II: (Year) Elective

Grade Level: 12

This is a continuation of the Hospitality and Food Management 1 course. Students must have completed the first course to participate in this class. Students will further grow the student run business to include marketing, menu planning, scheduling, food production, ordering and delivery. There will be some commitments outside of regular class time to fulfill course requirements such as evening catered events.

Cooking for the Independent Adult: (Semester) Elective

Grade Level: 11-12

This course is designed for the junior or senior high school student looking to learn some basic cooking skills. Students will focus on preparing food when they are living on their own beyond high school. This course will address menu planning, grocery shopping, budgeting, and simple meal preparation. There is no prerequisite for this course.

Health

General Health: (Semester) Elective

Grade Level: 9-12

Fall Semester: The fall Semester of General Health will cover the following health standards of the State of Iowa: Health Promotion & Disease Prevention, Demonstrate the ability to access valid information and products and services to enhance health, demonstrate the ability to practice health-enhancing behaviors and avoid or reduce health risks, and demonstrate the ability to advocate for personal, family and community health.

Digging deep into common medical terminology, functionality of body systems, disease prevention and health promotion of various illnesses or conditions of each system and the who, when and where individuals can access critical care or needs associated with body systems and their care.

Spring Semester: The spring semester of General Health will cover the following standards of the State of Iowa: Demonstrate the ability to use decision making and goal setting skills to enhance health, demonstrate ability to use interpersonal communication skills to enhance health and avoid or reduce health risks, Health promotion and disease prevention, analyze the influence of family, peers, culture, media, technology and other factors of health behaviors.

With topics like overall wellness, nutrition through the appropriate intake and outtake of energy, understanding healthy weight management and eating disorders. Influences of family and parenting in today's society, drug and substance abuse in teens and navigating mental and social wellness.

Health Occupations:

Nurse Aide Training Program

The Health Science Career Academy program allows juniors and seniors to explore health careers and earn articulation credit and/or concurrent credit in a health-related field. Students can earn CNA certification through Career Academy coursework.

First semester classes include Health Careers 1 (Introduction to health careers) and Medical Terminology. Must pass with a C or higher to continue to the second semester. Second semester classes are Pharmacology basics and Health Careers 2 (75 hour Nurse Aide course).

Health Science Course Sequence

Year 1- Fall

HSC 110 Introduction to Health Occupations-3 credits

HSC 114 Medical Terminology-3 credits

Year 1 Spring

HSC 172 Nurse Aide-3 credits

PNN 208 Pharm Basics-3 credits

HSC 110 - Introduction to Health Occupations: (Fall Semester) Elective - Grade Level 11-12

This course is designed to offer students an opportunity to explore health-related professions.

HSC 114 – Medical Terminology: (Fall Semester) Elective - Grade Level 11-12

This course will aid in the student's understanding of core medical terms. Attention will be given to prefixes, suffixes and root words used in the medical field. Exercises stressing the spelling, pronunciation, and usage of medical terms are included.

HSC 172 – Nurse Aide: (Spring Semester) Elective - Grade Level 11-12

Prerequisites: HSC 110 Introduction to Health Occupations and criminal background check.

This course builds upon the topics in HSC 110 Introduction to Health Occupations. Students will complete the 75 Hour Nurse Aide training and will be eligible for certification testing.

PNN 208 – Pharmacology Basics: (Spring Semester) Elective - Grade Level 11-12

Recommended for pre-nursing students. This course enables the student to learn basic principles of drug therapy, including related terminology and legislation, drug properties, and the care provider's role and responsibility for the patient receiving drug therapy.

Industrial Technology

Introduction to Industrial Technology: (Year) Elective

Grades: 9--12

This is an introductory class that is required for students who wish to take other classes in the department. This class is designed to give students a foundation in the areas of shop safety, drafting and design, wood working, metals/welding, home repair, consumer auto, construction, job safety, employability, and manufacturing.

Woods: (Year) Elective

Grade 10-12 Prerequisite: Introduction to Industrial Technology

This course in woodworking is a basic course for learning about tools, machines, materials and processes used when working with wood. Each student will learn about hand and power tools as well as power machines used to make wood products. Students will make a working drawing, bill of materials, and a design of a project of their own choosing. As the student's skills improve the complexity of their projects will be required. Focus on safety, employability, and work ethic will be emphasized.

Introduction to Metals: (Year) Elective

Grade 10-12 Prerequisite: Introduction to Industrial Technology

Students will understand the basic knowledge for drilling, welding, cutting, and multiple other fabrication processes. Students will understand the basic flow of manufacturing along with why manufacturing is important to everyday life. Students will be able to recognize welding symbols and create plans, a drawing, and a cut list for a project. Students will understand the different types of welding and how they are used.

Metals II: (Year) Elective

Grade 10-12 Prerequisite: Introduction to Industrial Technology

Students will learn more advanced metalworking, welding, and metal fabrication techniques and continue on those that were learned in Metals I. Students will learn about SMAW, GMAW, GTAW, and Pulse welding processes. Students will learn advanced manufacturing and fabrication techniques such as using an Ironworker, Milling equipment, and a CNC Plasma Table System.

Small Engine Repair: (Year) Elective

Grade 10-12 Prerequisite: Introduction to Industrial Technology

Students will understand the basic components of a small engine. Students will look at and understand the differences and similarities between 4 cycle and 2 cycle engines. Students will learn

about how small engine repair is critical to everyday life. Students will become Stihl Bronze level certified as well as Stihl Vocational Tech certified.

Home Maintenance: (Semester) Elective

Grade 11-12 Prerequisite: Introduction to Industrial Technology

Home Maintenance courses provide students with knowledge and skills related to devices and systems found in the home. Course content may include electrical wiring, plumbing, window and door repair and installation, wall and floor repair and finishing, furniture repair and finishing, and small appliance repair.

SWCC Industrial Tech Career Academies

Career Academies focus on vocational training in collaboration with SWCC. Students earn both high school and college credit while learning technical skills.

Construction Trades Program

Building Trades

Building trades/carpentry students can complete 30 credit hours during a two-year period of time. The credits can be transferred into SWCC's building trades/carpentry program and an associate of applied science (AAS) degree can be finished in as little as 12 additional months.

SWCC's program is certified by the National Center for Construction Education and Research (NCCER) and sponsored by Associated Builders and Contractors (ABC).

Carpentry/Building Trades Course Sequence

Year 1- Fall

CON 141 Basic Construction Skills-2 credits
CON 183 Construction Lab IA-5 credits

Year 1- Spring

CON 155 Carpentry Level I-3 credits
CON 184 Construction Lab IB-5 credits

Year 2 - Fall

CON 188 Construction Lab IIA-5 credits
CON 237 Carpentry Level IIA-3 credits

Year 2- Spring

CON 189 Construction Lab IIB-5 credit
CON 267 Carpentry Level IIB-2 credits

CON 141 – Basic Construction Skills: (Fall Semester) Elective - Grade Level 11-12

This course provides students with the basics in construction including math, safety, blueprint reading, hand and power tools, employability skills, and materials handling.

CON 155 – Carpentry Level I: (Spring Semester) Elective - Grade Level 11-12

This course will provide a fundamental overview of the carpentry trade. Students will gain a basic knowledge of construction materials, hand and power tools, and rough framing. Other course topics include plan reading, window and exterior door installation, and basic concrete practices.

CON 183 – Construction Lab IA: (Fall Semester) Elective - Grade Level 11-12

This course provides students a hands-on application in the basics in construction including math, safety, blueprint reading, hand and power tools, employability skills, and materials handling.

CON 184 – Construction Lab IB: (Spring Semester) Elective - Grade Level 11-12

This course provides hands-on experience in the construction of a residential home. Students will demonstrate basic knowledge of construction materials, hand and power tools, rough framing, plan reading, window and exterior door installation, and basic concrete practices.

CON 188 – Construction Lab IIA: (Fall Semester) Elective - Grade Level 11-12

This course provides hands-on experience in the construction of a residential home. Students will apply knowledge and skills in roofing applications, thermal and moisture protection, exterior finishing, and cold formed steel framing.

CON 189 – Construction Lab IIB: (Spring Semester) Elective - Grade Level 11-12

This course provides hands-on experience in the construction of a residential home. The intent of this course is to provide students with the knowledge to install and finish drywall, install doors and windows, install suspended ceilings, and install cabinets.

CON 237 – Carpentry Level IIA: (Fall Semester) Elective - Grade Level 11-12

This course is designed to provide the students with knowledge, information, and skills in preparation to handle the work requirements in the construction trades. The intent of this course is to provide students with knowledge and skills in roofing applications, thermal and moisture protection, exterior finishing, and cold-formed steel framing.

CON 267 – Carpentry Level IIB: (Spring Semester) Elective - Grade Level 11-12

Carpentry Level IIB is designed to provide the students with knowledge and information in preparation to handle the work requirements in the construction trades. The intent of this course is to provide students with the knowledge in drywall installation and finishing, installation of doors and windows, the installation of suspended ceilings, as well as the installation of cabinets.

Welding

SWCC's welding Career Academy is designed for students to learn basic welding skills along with how to operate tools, identify different metals, and interpret blueprints. Successfully completing the four-course sequence yields a student 12 college credits and a basic welding certificate from Southwestern.

Year 1- Fall

IND 114 - General Industry Safety
WEL 111 - Welding Blueprint Reading
WEL 114 - Intro to Fabrication

Year 1 Spring

WEL 225 - Intro Gas Metal Arc Welding
WEL 162 - Intro to Arc Welding

IND 114 – General Industry Safety (1 Semester) Elective - Grade Level 11-12

This course provides instruction on general industry safety and health topics. The course will provide students with the knowledge to recognize the hazards of the workplace and to work safely in or around such hazards.

WEL 111 – Welding Blueprint Reading: (Fall Semester) Elective - Grade Level 11-12

A course concerned with basic fundamentals of interpreting drafting as applied in the welding trade. Emphasis is placed on developing the ability to interpret blueprints from which the welder must work. Special emphasis is placed on lines, views, material descriptions, welding symbols, and terms.

WEL 114 – Introduction to Fabrication: (Fall Semester) Elective - Grade Level 11-12

This course develops the skills needed in a manufacturing atmosphere such as tool usage, layout methods and material estimating.

WEL 225 – Introduction to Gas Metal Arc Welding (GMAW): (Spring Semester) Elective - Grade Level 11-12

This course provides a thorough technical understanding of metallurgy, oxyacetylene welding, flame cutting and brazing fundamentals. Students will develop understanding of weld hazards and safety procedures throughout the course. (1, 2)

WEL 162 – Introduction to Shielded Metal Arc Welding (SMAW): (Spring Semester) Elective - Grade Level 11-12

This course provides a thorough technical understanding of shielded metal arc welding fundamentals, weld hazards and weld safety, power sources and electrode selection. Provides ample time and direction to develop skills necessary to make high quality welds on 16 gauge to 1/4" mild steel in all positions. (2, 2)

Language Arts

English 1: (Year) Required

Grade Level: 9

The class emphasizes good writing skills. In addition, students will study vocabulary and read literary selections such as drama, short stories, novels and technical reading material with the emphasis on comprehension development.

English 2: (Year) Required

Grade Level: 10

This course combines a study of literature with a development of writing skills. Poetry, short stories, drama, and a novel are used to reinforce student skills in comprehension and knowledge of plot development. The writing assignments cover a variety of styles and emphasize organization and purpose as well as attention to the conventions of standard English.

English 3: (Year) Required

Grade Level: 11

This course combines a study of American Literature with a development of writing skills. Poetry, short stories, drama, and a novel are used to reinforce student skills in comprehension and knowledge of plot development. The writing assignments cover a variety of styles including basic research techniques and emphasize organization and purpose as well as attention to the conventions of standard English.

English 4: (Year) Elective

Grade Level: 11 – 12

This course combines a study of British Literature and world literature, with a development of writing skills. Poetry, short stories, drama, and a novel are used to reinforce student skills in comprehension and knowledge of plot development. The writing assignments cover a variety of styles including basic research techniques and emphasize organization and purpose as well as attention to the conventions of standard English.

Fictional Literature: (Year) Elective

Grade Level: 11-12

Fictional Literature is an elective year-long course designed to be an exploration of the fiction genre - short stories, novellas, and novels - and its sub-genres - mystery, romance, young adult, fantasy, sci-fi, horror, historical, magic realism, etc. Students will read and analyze a variety of literary works which explore a wide range of topics, themes, and ideas. Student choice will be embedded within the course.

Speech: (Year) Elective

Grade Level: 11-12 (recommended for 12th)

Speech is an elective year-long course. In accordance with the Iowa Core Curriculum, Speech at Central Decatur CSD is designed to be a practical, hands-on opportunity to build and practice public speaking skills. Students are asked to read, write, speak, actively listen, think critically, and research in order to develop the communication skills required of a successful 21st Century learner. Speech units include impromptu, persuasive, how-to, poetry, storytelling, debate, interview, improv, readers theater, and monologue/dialogue.

Mathematics:

Algebra I: (Year) - required

Grade Level: 9 - 12

Algebra I is the entry level high school math course. Students will demonstrate a working understanding of the following algebraic concepts: algebraic expressions, real numbers, solving and graphing equations, polynomials, systems of equations, multiplying and factoring polynomials, and ratios and proportions.

Geometry: (Year): Grade Level: 9-12 - required

Recommended: Algebra I

Geometry students will formulate definitions and discover generalizations, express mathematical ideas orally and in writing, make and test conjectures, formulate counter-examples, and follow and construct logical arguments. Students will learn to read written presentations of mathematics with understanding, understand the connections between mathematical topics and between mathematics and other disciplines, and use technology to make decisions and solve problems. Work done in cooperative groups will allow relationships to be developed with others.

Algebra II: (Year) - Grade Level: 9-12 Highly recommended

Recommended: Algebra I & Geometry

The Algebra II discipline complements and expands the mathematical content and concepts of Algebra I and Geometry. It emphasizes finding solutions for and graphing, polynomial functions, inequalities, systems of equations, exponential and logarithmic functions, rational functions, trigonometric functions, and conic sections. We will also explore matrices, the complex number system and trigonometric relationships. Class activities will incorporate problem solving competencies in algebraic operations, communicating mathematical thinking, and modeling algebraic reasoning in real-life situations. Students will use the TI-83 graphics calculator throughout the year.

Pre-Calculus: (Year) Grade Level: 11-12

Recommended: Algebra I, Geometry, & Algebra II

This college preparatory course develops the concepts of trigonometry and analytical geometry. Students will study functions and transformations, circular and periodic functions, applications using the laws of sine and cosine, polynomial and rational functions, exponential and logarithmic functions, vectors, conic sections, curve sketching, sequence and series, permutations and combinations, probability, and matrices. A student successfully completing this course will have an improved opportunity for success in college or calculus. Students will use the TI-84 graphing calculator throughout the course.

Statistics: (Semester) Grade Level 11-12

Statistics is a one semester, beginning Statistics course designed to be taken after Algebra I and Geometry. It reinforces earlier skills related to data. These skills include data collection strategies, displaying data on charts and graphs, measures of central tendency such as mean median and mode, measures of variation, measures of position, and probability.

Trigonometry:(Semester) Grade Level 11-12

Trigonometry is a one semester course designed to be taken after Algebra I and Geometry. This course builds on the angle and triangle skills learned in Geometry. Radians and Degrees are both used to measure angles. The Trig Functions for right triangles are learned and used to solve problems. Special Right triangles are studied in depth. Angles on the Unit Circle are introduced.

Consumer Math: (Year) Elective *Potential for 2026/27

Grade Level: 11-12

Consumer Mathematics courses reinforce general mathematics topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. While these courses prepare students for a variety of practical applications, they are not intended to serve as remedial mathematics courses. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

Financial Math: (Year):Grade 12 Online with admin approval only.

Applied Math reinforces and expands students' foundational mathematical skills, such as arithmetic operations using rational numbers; area, perimeter, and volume of geometric figures,

congruence and similarity, angle relationships, the Pythagorean theorem, the rectangular coordinate system, sets and logic, ratio and proportion, estimation, formulas, solving and graphing simple equations and inequalities.

Music

Required performances are scheduled and graded. Normal required performances include: two evening concerts, 15 or more pep bands, and other performances throughout the school year.

Extracurricular non-graded activities music students may choose from include but not limited to: jazz band, jam band, lessons, small ensemble, solo/ensemble music, honor bands, music composition/theory, and All-State.

Instrumental Music: (Year) Elective

Grade Level: 9-12

Band is a year-long course that is open to students who have an interest in playing a band instrument. Band class emphasizes meeting the Iowa Music Standards and Benchmarks through rehearsals and performances. A wide variety of styles and ensembles are an integral part of the class. Ensembles may include concert band, pep band, jazz band, jam band, drum line, marching band, small ensembles and soloists.

Concert Choir: (Year) Elective

Grade Level: 9-12

Concert choir is designed for 9-12 grade students who are interested in singing. Class will include study of intermediate vocal techniques and exercises, review of basic theory and terminology, intermediate sight-singing, study of the human voice, vocal health, and history of choral music through performances of various styles of vocal literature. Each semester the Concert Choir will study and rehearse music to be performed at specific concerts and festivals. There are two required concerts in the first semester and one required concert in the second semester. Students enrolled in Concert Choir may participate in solo and ensemble contests, state large group contests and may audition for All-State Chorus, Pride of Iowa Honor Choir and other festivals scheduled throughout the school year. Private voice lessons are offered at no charge to students and are scheduled with the director. All interested students are encouraged to see the choir director prior to enrolling.

Physical Education

Physical education classes will participate in a wide variety of activities including individual, dual, and team sports; emphasis will be on health, wellness, physical fitness, and offerings in lifetime sports and recreational activities. Students will be graded on attendance, participation, and positive behavior, which include attitude, effort and conduct.

Activities available in the program include: archery, badminton, basketball, ultimate, football, frisbee, handball, pickleball, ping pong, physical conditioning, physical fitness tests, soccer, volleyball and strength training. Students will be required to pass the mile run and/or PACER test if they are required to take semester tests.

Strength, Conditioning and Health: (Year: Elective) Grades 9-12 Meets daily

This course is primarily designed for students participating in extracurricular athletics during both the off season as well as during in season. While participation in athletics is not required it is strongly recommended. Students in class will meet daily and lift at least four times per week. In addition to designing their own workouts students will complete workouts created by the teacher/coach using a variety of equipment and techniques. Students may engage in at least 1 day of cardiovascular exercise per week. *(Needs recommendation of coach, counselor or teacher)*

General Fitness PE: Grades 9-12 (Year:Elective) Meets on alternating days (A or B)

Students will be introduced to a variety of learning opportunities considered life-time activities. Students will learn skills that will enhance their development of the activity. Students will be fitness tested, and their levels will be monitored throughout the semester. Some learning opportunities will include: speed walking, Frisbee, weight lifting, circuit training, football, badminton, Ping-Pong, volleyball, and Pickleball. This class contributes to good health and physical development, as well as, character development. These skills are valuable for all careers.

Strength & Conditioning: Grades 9-12 (Year:Elective) Meets on alternating days (A or B)

This course is designed for (but not required of) students participating in extracurricular athletics during both the off season, as well as, in season. Participation in athletics is not required for this elective. Students in class will meet on alternating days and will lift weights at least two times per week. Students will be required to chart their daily workouts. A variety of strength equipment will be used along with body weight during class. ***(Will need approval of PE teacher)***

Science

General Science: (Year) Required

Grade Level: 9

This course presents a wide range of Physics, Chemistry and Earth Science topics. Students will study topics including but not limited to motion, forces, the nature of energy, the structure and composition of matter, the periodic table, and the evolution of the universe and our solar system and the influence of science throughout history and today.

Biology: (Year) Required

Grade Level: 10

Biology is the study of life. Topics that will be considered throughout the year include: biochemistry, cellular biology including mitosis, feedback systems and homeostasis, biological processes, genetics, ecology, and evolution.

Chemistry: (Year) Elective

Grade Level: 11-12

Recommended: Algebra I

The student will study the following units: matter, measurement in chemistry, composition of matter and its changes, atomic structures, electron arrangement in the atoms, the Periodic Table, chemical bonds, composition of chemical compounds, balancing equations and solutions.

Human Anatomy and Physiology: (Year) Elective

Grade Level: 11-12

Recommended: Biology

Human Anatomy and Physiology will be an in-depth study of the systems in the human body. Each system will be considered in terms of structure and how they function.

Zoology: (Year) Elective

Grade Level: 11-12

Recommended: Biology

This course discusses the branch of biology that deals with animals and animal life. Topics include the study of the structure, physiology, development, behavior, classification and ecology of animals involving invertebrates, (sponges, flatworms, mollusks, insects, arthropods, and echinoderms) and vertebrates, (fishes, amphibians, reptiles, birds, and mammals).

Physics: (Year) Elective

Grade Level: 12

Recommended: Chemistry and Algebra II

Physics is the study of the physical world from motion and energy to light and electricity. Physics is a course that develops higher order thinking skills and fosters problem solving. This course heavily combines Mathematics and Science processes. Topics that may be studied throughout the course include: Mechanics, Thermodynamics, Optics and Electromagnetism.

Astronomy: (Year) Elective

Grade Level: 11-12

Recommended: Algebra 1

This course is an introduction to astronomy concepts of the basics of Astronomy and focuses on what we can observe in the night sky, earth, the solar system, stars and the universe. Historical developments in astronomy from ancient mythology to modern science in cosmology and spaceflight will also be covered. Topics include the history of Astronomy, Gravity and Light, The Solar System, and The Earth-Moon System.

Environmental Science: (Year) Elective

Grade Level: 11-12

Environmental Science is an interdisciplinary course focused on how science and humans relate to the environment. Environmental Science students will study: human impacts on the biodiversity and sustainability of the environment, population trends in humans and animals, interactions among natural living and non-living systems, and the application of economics, law, and social sciences to changes in the environment and human populations.

Freshwater and Marine Biology: (Year) Elective

Grade Level: 11-12

In this course, students will explore the biology, physiology and behavior of aquatic organisms within their ecosystems and their functions. Focus will be on organisms' behavior, ecological interactions, and environmental conservation in lakes, rivers, and oceans. Students will also experience hands-on field research and lab work. Covering topics like marine ecology, fisheries, and oceanography to understand aquatic biodiversity and human impact.

Social Studies

American History: (Year) Required

Grade Level: 9

This course will cover United States history from 1865 to the present. The purpose of this class will be to familiarize the students with their heritage and give insight into minorities and problem solving techniques used in history. The emphasis of the course is upon the political, constitutional, and economic development of the United States and advanced development in map skills and vocabulary skills. Topics include Reconstruction, overseas expansion, World War I, The Great Depression, World War II, the Cold War, Cultural Revolution, Terrorism, and the Future of America.

Current Events: (Year) Elective

**can repeat up to two years.*

Grade Level: 10-12

The course is a study of problems on five levels: local, regional, state, national, and international. Problems might be drug abuse, prison reform, pollution, energy, wars and conflicts, and other problems that develop during the duration of the class. This course is designed for students to acquaint themselves with elementary understandings of important issues and problems. Emphasis is placed on newspaper and magazine articles, as well as films, books, and documentaries. Reports, projects, and discussion will encompass the workload.

World History: (Year) Elective:

Grade Level: 10-12

World History provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, and cultural developments.

History of World Cultures: (Year) Elective

Grade Level: 10-12

World Cultures is a social studies course designed to introduce students to basic concepts within the discipline of geography, as well as to broaden their knowledge of major regions and countries of the world. Students will be able to integrate the various physical aspects of the earth with the interrelationships of communities, nations, and people of the world. Maps, graphs and charts are used to provide supportive data to develop student skills in geographic, economic, political, and social relationships of people from all world cultures.

History of the Holocaust: (Year) Elective

Grade Level: 11-12

History of the Holocaust is designed to help students understand the full complexity of the Holocaust. This class will be looking at this historical event from start to finish dissecting them individually and picking them apart piece by piece in order to better understand this time period in history. Students will be asked to analyze numerous primary sources as well as read literature from this period. (This will be provided) This course will challenge students and push them to begin to understand why events take place like this in the first place and compare the events of the past to the present.

Government: (Semester) Required

Grade Level: 12

American Government is a general survey course required of all 11th grade students. While primary attention is directed toward the function and operation of the Federal Government, considerable emphasis is also placed on the nature and responsibility of all governments, the Federal and State constitutions, and the following branches of government: executive, legislative, and judiciary.

Personal Finance (Semester) Required

Grade Level: 12

This course is a real world application of skills students need to be successful in society. It focuses on helping students gain an understanding and develop good practices in the following areas: budgeting, credit and credit cards, consumer awareness, saving and investing, banking, insurance, and student loans and finance. This is a required course to graduate.

World Language

Most higher education institutions require world language study prior to admission. Three to four consecutive years of one language fulfills requirements for many post high school institution graduation requirements, however before entering freshman year, students should research any university they are considering attending and begin planning their schedules to ensure proper requirements are met upon graduation.

Culture is an integral part of language acquisition and is explored through the use of stories, media, music, novels, games, authentic and adapted readings and class discussions. Skills are reassessed every few weeks in the areas of listening, reading, writing and speaking.

Spanish 1: (Year) Elective

Grade Level: 9-12

This course is designed for students with limited to no understanding of Spanish language. A level one student acquires structures of basic language patterns, high frequency structures and vocabulary. At the novice level, students will be able to recognize words they have heard and repeat and/or produce single words and short phrases. Students will begin to answer a variety of questions to which they have been exposed repeatedly. Focus on listening, reading and writing. Minimal spontaneous communication.

Spanish 2: (Year) Elective

Grade Level: 10-12

This course is designed for students with previous study of or successful completion with an A, B or C average of Spanish 1 course. A level 2 student continues to acquire structure of basic language patterns, high frequency structures and vocabulary. Students produce short phrases and connecting words. Students will answer a variety of questions to which they have been exposed repeatedly. Focus on listening, reading and writing, broadening and expanding spontaneous communication into complete sentences.

Spanish 3: (Year) Elective

Grade Level: 11-12

This course is designed for students who successfully completed Spanish 2 with an A, B or C average. A Spanish 3 student continues to acquire structures of basic language presented at the level 2, with continued high frequency structures and vocabulary. As more structures are introduced and recycled, students will begin to provide information using words, phrases and short sentences. They will begin to speak confidently using the high frequency structures introduced and recycled. Continued exposure present, past and future tenses with more exposure to a variety of tenses using sheltered vocabulary. Focus on listening, reading and writing. Communication of recycled structures begins to become more spontaneous.

Spanish 4: (Year) Elective

Grade Level: 11-12

This course is designed for students who successfully completed level 3, preferably with a B average or above. A level 4 student continues to acquire structures of basic language patterns, high frequency structures and vocabulary. As more structures are introduced and recycled, students will continue to provide information using complete sentences and connectors. Students begin to convey complete, comprehensible messages and continue conversations using recycled structures and circumlocution. Students begin to differentiate tenses and refine skills in reading, listening, writing and speaking. Students begin to maneuver among a variety of tenses. They will continue to speak more confidently using the high frequency structures introduced and recycled in previous courses. Exposure to all tenses using sheltered vocabulary. Focus on listening, reading and writing. Communication of recycled structures continues to become more spontaneous

SWCC Online Dual-Credit

ART 101 – Art Appreciation: (1 Semester) Elective - Grade Level: 9-12

Art Appreciation is an introduction to the visual arts and explores the nature of art and the mechanisms of creativity, the materials and methods of making art, the purpose of art in various cultures both ancient and contemporary, and the significance of visual literacy in today's world. (720:110) (3, 0)

BIO 151 - Nutrition: (1 Semester) Elective - Grade Level 11-12

Prerequisite: One year of high school chemistry or CHM 112 Introduction to Chemistry or equivalent.

Study of an individual's health as related to the influence of nutrients and energy metabolism. Emphasis is on normal nutrition, although discussion of nutrition during disease is included. Designed for students in health related fields. (800:140) (3, 0)

BIO 162 - Essentials of Anatomy and Physiology:(1 Semester) Elective - Grade Level 11-12

Prerequisite: Designed for health-related fields. One year of high school biology or one year of high school chemistry or CHM 112 Introduction to Chemistry or instructor approval.

Introduces the student to the structure, function, and organization of the human body and all body systems. (800:130) (3, 0)

BUS 102 – Introduction to Business: (1 Semester) Elective - Grade Level 9-12

An introduction to the functions and practices of modern business and the economic institutions that facilitate the operation of individual business units. The interrelations existing in the various phases of business activity: organization, finance, production, and marketing. (320:110) (3, 0)

BUS 121 – Business Communications: (1 Semester) Elective - Grade Level 9-12

Prerequisite: ENG 101 Elements of Writing or minimum ACCUPLACER sentence structure score of 86.

This course is a study of communications for the typical business situation. Topics to be covered are reports and letters of inquiry, orders, credit, collections, sales, and handling disputes. (320:200) (3, 0)

BUS 161 – Human Relations:(1 Semester) Elective - Grade Level 9-12

This is a course designed to improve students' ability to function in the workplace. This course will work on increasing students' self-awareness and improving their ability to get along with customers,

coworkers, and supervisors. The course will build communications and human relations skills.
(320:100) (3, 0)

CSC 110 – Introduction to Computers: (1 Semester) Elective - Grade Level 9-12

Prerequisite: Keyboarding skills. Student ***must*** have access to Microsoft Office Suite or Office365.com. Chromebooks and Macs are not an ideal device to complete this class. Student needs to have a PC computer available for coursework.

This course is an introductory course that surveys a variety of topics to include history, hardware, software, terminology, communications, computer ethics, and societal impact of computers. In addition to computer literacy, students will complete hands-on modules using operating systems, word processing, database, presentation, and spreadsheet software; such as ***Microsoft Office programs***. (360:110) (3, 0)

ECE 103 – Introduction to Early Childhood Education: (1 Semester) Elective - Grade Level 9-12

Gives students a historical and philosophical foundation of the field of early childhood education. Includes an overview of assessment and trends that influence best practices. Explores careers in the field. Addresses influences of families and diversity. (3, 0)

EDU 213 – Introduction to Education: (1 Semester) Elective - Grade Level 11-12

Prerequisite: ENG 105 Composition I is highly encouraged.

This introductory course in education will provide opportunities for the student to gain a fundamental understanding of what is involved in a teaching career. Topics include, but are not limited to, current issues in education, school law, and ethics. Also, it is designed to familiarize students who may not enter the teaching profession with some basic educational principles which will enable them to contribute more adequately to the total educational system. (640:220) (3, 0)

ENG 105 – Composition I: (1 Semester) Elective - Grade Level 11-12

Prerequisite: Recommended ACCUPLACER score or 3 years of high school English.

This is an intensive writing course designed to develop skills in the use of language, clear thinking, critical reading, and effective writing within an essay format. Special emphasis will be placed on development of content, clear organization, sentence and paragraph structure, and correctness in usage, grammar, and mechanics. Research documentation is introduced. (400:110) (3, 0)

ENG 106 – Composition II: (1 Semester) Elective - Grade Level 11-12

Prerequisite: ENG 105 Composition I.

This course is intended to build upon the skills students develop in ENG 105 Composition I. As such, the course assumes that students have a basic control of paragraphing, mechanics, grammar, and punctuation. The primary focus of the course shifts from the personal writing of ENG 105 Composition I to analytical, persuasive, and research writing. The course emphasizes critical thinking and clear, coherent development of thought. Using their research skills and the ability to organize the results of information gathering, students will be expected to analyze and present the results of their research in clear, organized, persuasive, and interesting writing projects. (400:111) (3, 0)

GEO 121 – World Regional Geography: (1 Semester) Elective - Grade Level 9-12

A geographic survey of nations and continents with emphasis on important physical characteristics of the major regions of the world. Attention is devoted to their demographic, economic, political, and cultural development with each other. The course covers physical and cultural geography as well as basic geographical literacy. The human impact on the environment and growing problems of resources are discussed. (500:110) (3, 0)

HIS 110 – Western Civilization Ancient to Early Modern: (1 Semester) Elective - Grade Level 9-12

This course explores the cultural, political, literary, and economic aspects of Western civilization from the first civilizations in Mesopotamia and Egypt to the Greeks and Romans. This course also discusses the conflicts of the Middle Ages, Renaissance, and Reformation. (520:108) (3, 0)

HIS 111 – Western Civilization: Early Modern to Present: (1 Semester) Elective - Grade Level 9-12

This course explores the cultural, political, literary, and economic aspects of Western civilization from the practice of absolutism to the intellectual revolutions of science, agriculture, and philosophy. This course also discusses the conflicts of the 18th through 21st centuries. (520:109) (3, 0)

HIS 151 – U.S. History to 1877: (Fall Semester) Elective - Grade Level 9-12

This course explores the cultural, political, literary, and economic aspects of the colonies as they developed into the United States of America. Such topics as the American Revolution, the Constitution, the Trail of Tears, and the Civil War will be examined. (520:220) (3, 0)

HIS 152 – U.S. History since 1877: (Spring Semester) Elective - Grade Level 9-12

This course explores the cultural, political, artistic, and economic aspects of the United States after the Civil War. Such topics as Reconstruction, World War I, the Roaring Twenties, World War II, the Cold War, and subsequent events will be discussed. (520:221) (3, 0)

HIS 268 – American Experience in Vietnam: (1 Semester) Elective - Grade Level 9-12

A survey of the 2,000-year history of Vietnam, the French Indochina War and U.S. involvement, the military role, the view from those who participated and discussion of the consequences of American participation in the Asian conflict. The conflict will be viewed within the context of the Cold War and explore the events, attitudes and political scene leading up to the United States' commitment in Southeast Asia. Exploration of the anti-Vietnam War movement will also take place. (520:223) (3, 0)

HSC 114 – Medical Terminology: (1 Semester) Elective - Grade Level 9-12

This course will aid in the student's understanding of core medical terms. Attention will be given to prefixes, suffixes and root words used in the medical field. Exercises stressing the spelling, pronunciation, and usage of medical terms are included. (180:118) (3, 0)

LIT 101 – Introduction to Literature: (1 Semester) Elective - Grade Level 9-12

As a study of the nature and purpose of literature in our culture, this course will include reading, discussion, and evaluation of literary works (including short stories, drama, and poetry) from different countries and different time periods. (400:120) (3, 0)

LIT 178 – Mythological and Biblical Literature: (1 Semester) Elective - Grade Level 9-12

Every culture tells stories of where we came from, who we are, and how we should act toward each other. An understanding of various world mythologies, especially Greek and Roman, and of some basic stories from the Bible, is vital for understanding and appreciating much of the world's literature and art. This course will examine these early oral stories as pieces of literature and how Western culture has referred to these stories. (3, 0)

MUS 100 – Music Appreciation: (1 Semester) Elective - Grade Level 9-12

This course will help the student learn how to listen to music, to make sense of what he/she hears, and increase his/her perceptive powers. The course covers the changing musical scene from the Renaissance to the present. (780:110) (3, 0)

MUS 204 – History of Rock and Roll: (1 Semester) Elective - Grade Level 9-12

A study of Rock and Roll from the mid-1950s to the present. Designed to create critical listeners of popular culture music through analysis of song forms, rock band instrumentation, and the political, cultural, and social significance of song lyrics. (3, 0)

PEC 108 – Sports and Society: (1 Semester) Elective - Grade Level 9-12

Explores pervasive appeal of sports in American society. Interrelationships among sport, behavior, culture and social institutions of business, religion, politics, education and family will be examined. (660:286) (3, 0)

PNN 208 – Pharmacology Basics: (Spring Semester) Elective - Grade Level 9-12

Recommended for pre-nursing students. This course enables the student to learn basic principles of drug therapy, including related terminology and legislation, drug properties, and the care provider's role and responsibility for the patient receiving drug therapy. (3, 0)

PSY 111 – Introduction to Psychology: (1 Semester) Elective - Grade Level 9-12

An introductory course to the scientific study of human behavior and mental processes. This course includes such topics as the background of modern psychology, personality development, brain and behavior, heredity and environment, learning and motivation, emotional processes, intelligence, human interaction, and psychological disorders. (600:100) (3, 0)

PSY 121 – Developmental Psychology: (1 Semester) Elective - Grade Level 9-12

Prerequisite: PSY 111 Introduction to Psychology

This course affords the student an overview of the psychology of human growth and development from conception through death. Emphasis is placed upon the continuous interaction and interrelationship of these processes with environmental forces and conditions that influence patterns of behavior. Major developmental theories are presented: cognitive, personality, social, and behavioral. (600:220) (3, 0)

SOC 110 – Introduction to Sociology: (1 Semester) Elective - Grade Level 9-12

This survey course explores the discipline of sociology which focuses on human interaction, groups, and society. Topics will include but are not limited to: culture, socialization, social structure and interaction, organization, and various social institutions such as family, religion, politics, deviance, etc. Appropriate language, theory, and research process will be covered. This course is focused primarily upon United States cultural patterns. (620:110) (3, 0)

SPC 112 – Public Speaking: (1 Semester) Elective - Grade Level 9-12

Principles of speech communication; preparation, delivery, and adjustment to the audience; informative and persuasive speaking. Emphasis on both speaking and listening. (3, 0)

TAG/Extended Learning Opportunities

Grade Level: 9-12

Central Decatur Community School District ELO Program will strive to provide services for youth who perform at levels notably advanced for their age; provide differentiated instruction; emphasize rigor and challenge; and explore various learning environments, academic opportunities, and affective growth opportunities.

Grades 7-8:

- ELO teacher will work with individual teachers to plan, provide, and/or support differentiated instruction within the general classrooms
- Online subject-specific classes are available for students desiring and needing more challenging instruction in a particular subject, or if schedules conflict with advanced level course offerings.
- Identified ELO students may meet as necessary to meet academic/social/psychological needs.

Grades 9-12:

- ELO teacher will work with individual teachers to plan, provide, and/or support differentiated instruction within the general classrooms.
- Online AP classes are available for students desiring and needing more challenging instruction in a particular subject
- Dual-enrollment opportunities through Graceland University and SWCC are available to students desiring college-level courses
- Identified ELO students may meet as necessary to meet academic/social/psychological needs.

Reading Intervention: (Year)

Grade Level: 9-12

Reading Intervention is a class designed to help students improve their reading skills. Students in Assisted Reading will work on vocabulary development, oral reading, reading rate, and comprehension skills. Teacher signature needed for registration.

Math Intervention: (Year)

Grade Level: 9-12