

2024 – 2025
School Year

Career Pathways of Study

WILDCAT CREEK
career cooperative
Serving all Clinton County Schools



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***Shared programs** allow any student from any Clinton County School to sign up for these pathways provided the classes required will fit in their schedule. The number of students from each school is determined by percentage. If a school does not fill its available spots, students from other schools are placed in the class.

†Offered in a 2 or 3 class block

It is the policy of WCCC not to discriminate on the basis of race, color, national origin, sex, or disability in its career and technical education programs, services, and activities, including employment policies and practices. WCCC will take steps to ensure that the lack of English language skills will not be a barrier to admission and participation in WCCC career and technical education programs.

For information regarding nondiscrimination policies, please contact:
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Agriculture: Mechanical and Engineering, *any grade*

Location: Clinton Central, Rossville

Classes: Principles of Ag., Ag. Power, Structures & Technology, and Ag. Structures & Fabrication

Students explore basic principles of operations, maintenance, and management of agricultural equipment. They gain an understanding of the safety, electricity, concrete, plumbing, carpentry, metalworking, and engines. Students are also introduced to emerging technologies in agriculture

Agriculture: Precision Agriculture, *any grade*

Location: Clinton Central

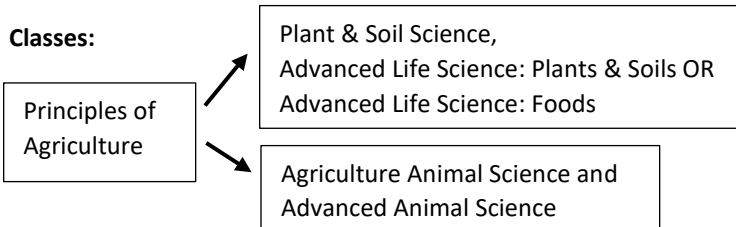
Classes: Principles of Ag., Precision Ag., and Crop Management

Students develop an understanding and ability to operate various precision agriculture tools including GPS, GIS, and VRT. They learn to collect data and use it to make farming decisions.

Agri-science: Plants or Animals, *any grade*

Location: Clinton Central, Clinton Prairie, Rossville

Classes:



Plants: Students develop knowledge and skills related to farming in America. They gain an understanding of the complexities of plant growth and soil management. There is a focus on biotechnology at intersects with agriculture.

Animals: Students gain an understanding and skills necessary to work with animals typically found in agricultural settings. They explore the physiology of mammal body systems. Students develop skills to work with animals in a farm setting.

*** ‡ Automotive Services, *juniors & seniors only***

Location: Frankfort as a shared program

Classes: Principles of Automotive Service, Brake Systems, and Steering & Suspension

Students gain the skills to diagnose and repair modern vehicles. They learn how to perform basic repairs and maintenance on many different automotive systems.

Biotechnology, *juniors & seniors only

Location: Frankfort

Classes: Principles of Biotechnology, Biotech Manufacturing, and Advanced Biotech Manufacturing

Students are introduced to the basics of design and manufacturing within the biotechnology industry. They develop basic understanding of the regulations and laws overseeing the development and distribution of controlled substances.

Business Administration, *any grade*

Location: Clinton Central, Clinton Prairie, Frankfort, Rossville

Classes: Principles of Business Management, Management Fundamentals & Accounting Fundamentals

Students will explore business ownership, organization principles, management, administration, finance management, and development practices of businesses. They will learn about business communication, problem-solving and decision-making skills and how the law affects business

*** ‡ Civil Construction, *juniors & seniors***

Location: Frankfort

Classes: Principles of Construction Trades, Civil Construction Fundamentals, and Advance Civil Construction

Students learn about heavy equipment and highway construction in horizontal construction. They explore the differences between residential and commercial vertical construction and road/highway civil construction. Students learn how to use heavy equipment used in road/highway construction.

*** # Construction: Building Trades - Carpentry, juniors & seniors only**

Location: Clinton Prairie, Frankfort

Classes: Principles of Construction Trades, Construction Trades: General Carpentry, and Construction Trades: Framing and Finishing

Students learn basic carpentry skills necessary for home construction and maintenance. They will use these skills, safety procedures, and blueprints to build a local home from start to finish.

*** # Cosmetology, juniors & seniors only**

Location: Christina and Company, Lafayette OR Freestyle Academy, Lebanon

Classes: Principles of Barbering & Cosmetology, Barbering & Cosmetology Fundamentals, and Advanced Cosmetology

Students learn the basic fundamentals of hair design, nail technology, and skin care practicing their techniques on mannequins and customers. They will be eligible to take the State of Indiana Cosmetology certification

Additional fees apply as these courses are through third party training facilities.

*** # Criminal Justice, juniors & seniors only**

Location: Frankfort

Classes: Principles of Criminal Justice, Law Enforcement Fundamentals, and Corrections & Cultural Awareness

Students will learn basic protocols of crime scene investigation, evidence collection, and law enforcement policies and procedures. They will gain a better understanding of the complexity of crime, criminal behavior, corrections, and the legal system

Culinary Arts, any grade

Location: Clinton Prairie, Frankfort

Classes: Principles of Culinary & Hospitality, Nutrition, and Culinary Arts

Students develop an understanding of the responsibilities in the food service and lodging industry. They gain skills in the fundamentals of food preparation, sanitation, and nutrition. Students learn skills in classical cooking methods.

Early Childhood Education, *sophomore - senior, 2-year program*

Location: Frankfort

Classes: Principles of Early Childhood Ed., Early Childhood Education Curriculum, and Early Childhood Ed. Guidance

Students develop skills and knowledge to work with children 0 – PreK. They explore child development, teaching preparation, and basic childcare theories. Students gain hands-on experience through field experiences in childcare settings.

Education Careers, *grade varies by location, 2-year program*

Location: Clinton Prairie, Frankfort

Classes: Principles of Teaching, Childhood & Adolescent Development, and Teaching & Learning

Students gain a foundation for working with children in the field of teaching and other related careers. They learn different theories of child development and gain authentic field experience in classroom settings. Students develop activities using best practices, instructional strategies, and technology.

*** # Emergency Medical Technician (EMT), *juniors & seniors only***

Location: Frankfort Fire Station 1

Classes: Principles of Health Care, Medical Terminology, and Healthcare Specialist: Emergency Medical Tech

Students will develop lifesaving skills practiced in class and on ambulance ride-outs. They will perform skills in airway management, splinting, CPR, and how to manage a respiratory emergency.

Engineering, *any grade*

Location: Frankfort

Classes: Intro to Engineering Design, Principles of Engineering, and Computer Integrated Manufacturing

Students develop problem-solving, teamwork, and critical thinking skills for the design and production of materials and products. They are exposed to animated designs, 3D printers, and robotics. Students learn about the engineering process through communication, prototyping, automating, and constructing 3D models.

Finance and Investment, *any grade*

Location: Clinton Prairie

Classes: Principles of Business Management, Personal Finance & Banking, and Finance & Investment

Students learn the management of individual financial resources for the growth and maintenance of personal wealth. They gain an overview of the banking industry and the financial services provided by banks for individuals and businesses.

Human and Social Services, *any grade*

Location: Clinton Prairie, Frankfort, Rossville

Classes: Principles of Human Services, Understanding Diversity, and Relationships & Emotions

Students learn about how sociological factors impact human behavior and needs at the local, state, national, and global levels. This helps them to develop a foundation for working with people to manage struggles and challenges in their daily lives. Students will gain experience working with both service and project-based learning opportunities.

Industrial Technical Maintenance - Mechanical, *any grade* (Advanced Manufacturing)

Location: Frankfort

Classes: Principles of Adv. Manufacturing, Adv. Manufacturing Technology, and Industrial Maintenance Fundamentals

Students develop skills to maintain highly sophisticated machinery and equipment. They learn about hydraulics, pneumatics, robotics, and manufacturing processes.

*** ‡ Information Technology Operations, *juniors & seniors only***

Location: Frankfort Ivy Tech

Classes: Principles of Computing, IT Fundamentals, and Networking & Cybersecurity Operations

Students will gain an understanding of building computer networks and protecting them against cyber threats. They will learn to assemble components and configure and maintain devices and software. Students will develop the skills to resolve common hardware and software issues.

Marketing and Sales, *any grade*

Location: Clinton Prairie, Frankfort

Classes: Principles of Business Management, Marketing Fundamentals, and Strategic Marketing and/or Digital Marketing

Students develop an understanding of the scope and importance of marketing in a global economy. They design marketing and business plans in both traditional and digital modes. Students gain experience through school-based enterprises.

*** ‡ PreNursing, *juniors & seniors only***

Location: Ivy Tech Frankfort and clinical sites

Classes: Principles of Health Care, Medical Terminology, and Healthcare Specialist: CAN

Students will gain skills and work as a nursing assistant. These skills will be applied during clinicals at a long-term care facility.

‡ Radio/TV Broadcasting, *any grade*

Location: Frankfort

Classes: Principles of Broadcasting, Audio & Video Production Essentials, and Mass Media Production

Students explore broadcasting through presenting/reporting, technical production, sound engineering, camera work, and designing graphics. They learn to use software and equipment for radio and TV production. Students gain hands-on experience through production, filming, and commentating productions for HOTDOG television.

Welding Technology, *any grade*

Location: Frankfort, Rossville

Classes: Principles of Welding Technology, Shielded Metal Arc Welding, and Gas Welding Processes

Students learn about various welding styles: torch, stick, MIG. They perform basic welding and cutting operations. Students are also introduced to TIG welding.

Potential Future Pathways:

Exercise Science, *junior or senior*

Classes: Principles of Exercise Science, Kinesiology, and Human Performance

Students are introduced to the science of exercise and human movement. They explore fitness training methods and basic human physiology.

*** Fire Science**, *junior or senior*

Classes: Principles of Fire and Rescue, Fire Fighting Fundamentals, Advanced Fire Fighting

Students develop the skills to respond to emergency and rescue situations involving many kinds of incidents including fires of various kinds. They are also introduced to safety, terminology and fire protection systems.

Capstone Course

Capstone Courses are the final course a student can take in each pathway. Students can take dual credit or college course work to continue their education. They may also take course work to gain credentials in their pathway. If a student is interested in gaining on-the-job training, a work-based learning experience is another possible next step. A morning or afternoon block of classes is used for the student to take classes, earn credentials, and/or gain on-the-job training on-site with one of our partner organizations. Students must fulfill certain grade, attendance, and discipline requirements to be considered as well as have a teacher from their CTE courses recommend them.