

Career Pathways of Study

WILDCAT CREEK

CAREER COOPERATIVE

Serving all Clinton County Schools



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Wildcat Creek Career Cooperative brings together the four Clinton County schools to offer Career & Technical Education courses to high school students.

Some of the programs are offered within a particular high school, and others are offered offsite. Offsite programs may be in our building in downtown Frankfort (251 E Clinton St), at a secondary site, or with one of our program partners.

Students enrolled in many of our CTE programs have the opportunity to earn dual credit through either Ivy Tech Community College or Vincennes University. Students could also earn industry recognized credentials and/or post-secondary certificates.

Programs that are offered within a particular high school, are open to high students from the other three cooperative schools, as long as there are spaces available for enrollment.

The next several pages list the programs, and give a brief overview of the information presented in the program. A variety of symbols have been included to denote specific information about that particular program.

***Shared Program:** Allows 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 eligible to fill the openings.

‡Blocked Program: Offered in a 2 or 3 class block

#Full Pathway Program: All 3 courses are able to be completed in a single year block.

Summary of Program Offerings

Wildcat Creek Offsite Programs

- Biotechnology
- Construction: Carpentry
- Cosmetology
- Criminal Justice
- Emergency Medical Tech
- Industrial Maintenance Tech, Electrical
- IT Operations Support
- Pre-Nursing: CNA

Clinton Central

- Ag: Agri-science (Animal/Food)
- Ag: Horticulture
- Ag: Landscaping
- Ag: Mechanical
- Ag: Precision Ag
- Digital Design
- Education Professions
- Marketing & Sales

Clinton Prairie

- Ag: Agri-science (Animal/Plant)
- Ag: Horticulture
- Ag: Mechanical
- Ag: Precision Ag
- Construction: Carpentry
- Culinary Arts
- Education Professions
- Entrepreneurship

Frankfort

- Automotive
- Business Administration
- Construction: Carpentry
- Culinary Arts
- Early Childhood Education
- Education Professions
- Engineering
- Social & Community Services
- Marketing & Sales
- Radio/TV Broadcasting
- Welding Technology

Rossville

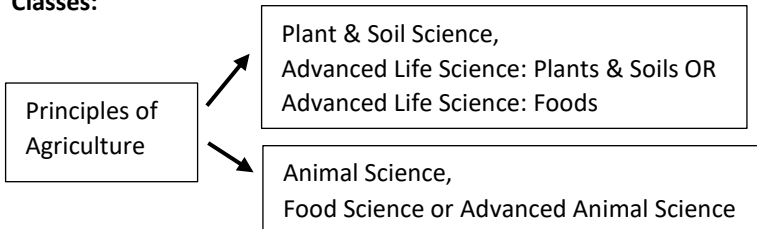
- Ag: Agri-science (Animal/Plant)
- Ag: Horticulture
- Ag: Landscaping
- Ag: Mechanical
- Ag: Precision Ag
- Insurance
- Welding Technology

Agriculture

Agri-science: Animals or *Plants* 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 that 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.

Foods: Students focusing on food science will also be introduced to food processing, food chemistry and physics, nutrition, food microbiology, preservation, packaging and labeling, food commodities, food regulations, and issues in the food science industry

Horticulture, any grade

Location: Clinton Central,

Classes: Principles of Ag., Horticulture Science, Greenhouse & Soilless Production

Students explore the diversity of the agricultural industry and agribusiness concepts with a focus on the field of horticulture. Students focus on the biology & technology involved in the production, processing and marketing of plants & products. The pathway ends with a focus on greenhouse and soilless production of plants and food using enclosed structures & management systems.

Landscaping, any grade

Location: Clinton Central, Rossville

Classes: Principles of Ag., Horticulture Science, Landscape & Turf Management

Students explore the diversity of the agricultural industry and agribusiness concepts with a focus on the field of horticulture. Students focus on the biology & technology involved in the production, processing and marketing of plants & products. The pathway ends with a focus on procedures used in planning and the design of a landscape using current technology.

Mechanical and Engineering, any grade

Location: Clinton Central, Clinton Prairie, 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

Precision Agriculture, any grade

Location: Clinton Prairie, Rossville

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.

Arts & Entertainment

Digital Design, any grade

Location: Clinton Central

Classes: Principles of Digital Design, Digital Design Graphics, Graphic Design Layout

Students are introduced to the concepts related to fundamental design theory and apply design theory techniques. Skills will be developed to understand and create the most common types of computer graphics used in visual communications. A focus on the proper and creative use of type as a means to develop effective communications for global, corporate and social applications. Students will create a portfolio that displays projects including logos, stationary, posters, newspaper, magazine, billboard, and interface design.

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 HOT DOG television.

Business, Finance, Marketing & IT Support

Business Administration, any grade

Location: Frankfort

Classes: Principles of Business Management (*on site*), Management Fundamentals & Accounting Fundamentals (*both concentrator classes may be offered virtually and overseen by staff at each school*)

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.

Entrepreneurship, any grade**Location:** Clinton Prairie**Classes:** Principles of Entrepreneurship, Entrepreneurial Operations, New Venture Development

Students learn to identify and evaluate business ideas, apply the entrepreneurial process, and use local and regional resources while developing key communication tools such as vision statements and elevator pitches. They also gain essential knowledge in marketing, finance, funding, and operations, including budgeting, financial analysis, cash management, and sales forecasting.

Insurance, any grade**Location:** Rossville**Classes:** Principles of Business Management, Insurance Fundamentals, and Personal and Commercial Insurance

Students develop an understanding of business ownership, organizational principles, management practices, financial administration, and the effective use of technology to communicate, analyze data, and support decision making. The program also introduces career pathways within the insurance field, covering industry structure, insurance processes, types of coverage, and the psychology and practice of selling.

Marketing and Sales, any grade**Location:** Clinton Central, 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.

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

Location: Dual Enrollment with Ivy Tech within their school

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

Students will explore trends of computing and the necessary skills to implement information systems. Students will also demonstrate their skills and understanding of core IT skills in hardware, software and troubleshooting. 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.

Education

‡ Early Childhood Education, any grade

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. *The Principles course must be completed before enrolling in the second year blocked classes.*

‡ Education Professions, any grade

Location: Clinton Central, Clinton Prairie, Frankfort, Rossville

Classes: Principles of Teaching (*offered at all schools*), Childhood & Adolescent Development, and Teaching & Learning (*location varies*)

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. *The Principles course must be completed before enrolling in the second year blocked classes.*

Human Services

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

Location: Christina and Company (seniors only), Lafayette OR
Freestyle Academy (2 year program), 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.

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. *(At FHS, the Principles course must be completed before enrolling in the second year blocked classes.)*

Social and Community Services, *any grade*

Location: Frankfort

Classes: Principles of Human Services, Fundamentals of Human Service, Community Health Worker

Students explore the history of human services, career opportunities, and the role of the human service worker. They examine key elements of effective delivery of human services. 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.

Construction, Manufacturing, Transportation

*** ‡ Automotive Services, any grade**

Location: Frankfort

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. A focus is placed on brakes and steering during the second year. Students work towards earning entry level ASE certifications in both the first and second years of the program. *The Principles course must be completed before enrolling in the second year blocked classes.*

*** ## Biotechnology, juniors & seniors only**

Location: WCCC

Classes: Principles of Biotechnology, Biotech Manufacturing, and Biotech Regulatory Affairs

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.

*** ‡ Construction: Carpentry, any grade to start, juniors/seniors only for offsite house build.**

Location: Clinton Prairie, Frankfort, offsite (WCCC and build site)

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. *The Principles course must be completed before enrolling in any of the second year blocked classes. Students wishing to participate in the house build at WCCC must complete an OSHA 10 certification prior to being allowed to enroll.*

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.

*** ## Industrial Maintenance: Electrical, juniors & seniors only**

Location: WCCC

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

Students develop skills in safety and impact, manufacturing essentials, lean manufacturing, design principles, and careers in advanced manufacturing. The program will also cover key electrical principles, including, current, voltage, resistance, power, inductance, capacitance, and transformers. Basic power systems, energy transfer systems, machine operation and control will be explored. Students will be introduced to the National Electric Code including designing and installing electrical circuits, selecting wiring materials and devices and choosing wiring methods.

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. *The Principles course must be completed before enrolling in the second year blocked classes at FHS.*

Public Health & Safety

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

Location: Clinton County EMS and WCCC

Classes: Principles of Health Care, Healthcare Fundamentals, and 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. This is a great first step for students pursuing a career in fire science or in health care.

Clinical hours are required to be completed outside of class time on evenings or weekends (40 hours required)

***** Pre-Nursing (CNA), juniors & seniors only**

Location: WCCC and clinical sites (Wesley Manor/Mulberry Health)

Classes: Principles of Health Care, Healthcare Fundamentals, and Healthcare Specialist: CNA

Students explore core healthcare concepts, including patient care, healthcare systems, and human anatomy and physiology, while gaining hands-on lab experience aligned with their career goals. Emphasis is placed on developing medical terminology and communication skills through the study of word roots, abbreviations, symbols, and body systems, enabling accurate interpretation of medical information and records. The program also prepares students for entry-level clinical roles, including Certified Nursing Assistant (CNA), with focused training in basic patient care, disease processes, and long-term care, including dementia care, leading to eligibility for state certification and readiness for employment in healthcare settings.

Scrubs must be purchased to wear for clinical hour. 75 hours are required to be eligible for CNA certification and may require some outside class time to complete.

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

Location: WCCC

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.

Industry Recognized Credentials Offered:

Credential Name	Point Value	Pathway: Course
ASE G1 – Auto Maintenance & Light Repair	3.3	Automotive: Principles of Auto
ASE A5 – Auto Brakes	3.3	Automotive: Brake Systems
ASE A4 – Auto Suspension & Steering	3.3	Automotive: Steering & Suspension
IKORCC – Level 1 Apprentice Certification	---	Construction: Carpentry (Building Trades)
IN State Board of Cosmetology – 1500	2.3	Cosmetology: Capstone
ILEA – Certified Indiana County Jail Officer	3.3	Criminal Justice: Capstone
NREMT – EMT Basic Certification	3.0	Emergency Medical Services: EMT
Certiport Autodesk Fusion 360 Certified User	4.0	Engineering: Computer Integrated Manufacturing
SACA C101 - Industry 4.0 Associate	2.5	Industrial Maintenance: Advanced Manufacturing Technology
SACA C201 – Electrical Systems 1	3.7	Industrial Maintenance: Ind. Electrical Fundamentals
SACA C202 – Electric Motor Control Systems 1	4.0	Industrial Maintenance: Ind. Electrical Fundamentals
SACA C206 – Electrical System Installation 1	3.7	Industrial Maintenance: Capstone
CompTIA A+	3.0	IT Support: Information Technology Fundamentals
Indiana State Certified Nursing Assistant (CNA)	2.3	Pre-Nursing: CNA

Post-Secondary Credentials Offered: Ivy Tech

Credential Name	Point Value	Pathway: Courses Required
Animal Agribusiness, CT	2.0	Agriscience: AGRI 102, 103, 107
Plant Production, CT	2.6	Agriscience: AGRI 102, 105 & 109
Biopharmaceutical Manufacturing, CT	3.0	Biotechnology: BIOT 100, 102, 103, 104, 105, 110
Early Childhood Education CDA Process, CT	2.9	Early Childhood Education: ECED 100, 101, 103, 104, 105, 130
Elementary Education, TC*	3.4	Education Professions: EDUC 101, 121, 230, 235
Basic Emergency Medical Studies, CT	----	EMS: PARM 102
Entrepreneurship, CT	5.0	Entrepreneurship: ENTR 100, 105, 200, 205, 215, 218
Insurance, CT	4.7	Insurance: BUSN 160, 262, 264
Information Technology Support, TC*	4.1	IT Support: CSIA 105, INFM 109, ITSP 132, 134, 136, 175, SDEV 120, SVAD 111, 150, NETI 104, IVYT 106
Healthcare Specialist, TC*	3.4	Pre-Nursing: HLHS 100, 101, 102, 104, 105, 107, 113, IVYT 106
Dementia Care, CT	2.0	Pre-Nursing: HLHS 113
Certified Nursing Assistance, CT	2.0	Pre-Nursing: HLHS 107
Structural Welding, CT	3.0	Welding: WELD 100, 108, 207, 206, 208, 272, 273

*Additional General Education courses are needed to earn the full certification

Post-Secondary Credentials Offered: Vincennes

Credential Name	Point Value	Pathway: Courses Required
Law Enforcement Certificate, CG*	4.0	Criminal Justice: CRIM 100, 101, 145, 150, 282

*Additional General Education courses are needed to earn the full certification

Work Based Learning options:

Each of the following options includes a weekly check-in with an assigned teacher of record. Each option can be for 2-3 class periods per semester. Any variations must be approved by the WBL Coordinator.

***NLPS Capstone** – For students who have complete a specific NLPS pathway and are gaining additional training, certification, and work experience in the same pathway that goes beyond what was covered in the previous courses.

WBL Capstone – For students who are completing a work experience only, within their completed pathway.

Career Exploration Internship – For students who are unsure or in a pathway unrelated to their future career choices and would like to explore a variety of potential careers with a single employer or single industry sector. The placement(s) does not have to be within the student’s completed pathway. Requires 18 hours in class time.

Cooperative Education – For students who are working during the school day that does not align to their completed pathway or future career goals. 75 hours of in class time required.

***NLPS 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. Enrollment in these courses is a full year commitment and cannot be dropped without documentation of extenuating circumstances. A minimum of 150 WBL hours are required for students enrolled in a WBL/Internship/Clinical.

NLPS Capstone Course Options & Structure

Agriculture: Agribusiness Capstone, Up to 2 credits/semester (Max 4)

Location: Clinton Central, TBD

Students complete coursework that focuses on Agriculture Sales and Leadership/Management. Students must complete course work for the first credit of each semester. The second credit each semester is earned through completion of an internship or work based learning connected to the student's completed pathway.

Biotechnology: Up to 3 credits/semester (Max 6)

Location: WCCC, TBD

Students complete coursework for BIOT 104 and BIOT 110 through Ivy Tech Dual Enrollment. Curriculum focuses on Quality Practices and Pharmaceutical Manufacturing. Students earning 3 credits/semester will also pursue WBL opportunities in the area of quality control and/or work towards their CT in Biopharmaceutical Manufacturing through Ivy Tech.

Criminal Justice: Up to 3 credits/semester (Max 6)

Location: WCCC, TBD

Students complete coursework towards their Indiana Jail Officers certification, and courses needed to earn their CG in Law Enforcement through Vincennes University. Students interested in an internship for WBL must be at least 18 years old.

Early Childhood Education: Up to 3 credits/semester (Max 6)

Location: Frankfort, Flexible

Students complete coursework connected to earning their Child Development Associate (CDA) and focus on Literacy in the Early Childhood Classroom. Dual credit classes through Ivy Tech include ECED 105 & ECED 234. Students enrolled in all 3 credits/semester must also complete an internship or at least 150 hours, but to earn the CDA a total of 480 hours must be completed.

Education Professions: Up to 3 credits/semester (Max 6)

Location: Various, Flexible

Students complete coursework focused on The Exceptional Child and the Science of Reading. Students earn dual credits in EDUC 230 & 235, while also gaining valuable field experience at their local elementary or middle schools. When students combine the EDUC courses they complete through Ivy Tech with their local high school Gen Ed courses, they could earn a Technical Certificate.

Engineering: Engineering Design & Development, Up to 3 credits/semester (Max 6)

Location: Frankfort

Students work in teams to research, design, test, and construct a solution to an open-ended engineering problem. The product development life cycle and a design process are used to guide the team to reach a solution to the problem. The team and/or individual communicates their solution to a panel of stakeholders at the conclusion of the course.

Healthcare Specialist: Up to 3 credits/semester (Max 6)

Location: WCCC, 12:30-2:30 pm for coursework

Students complete coursework focused on Medical Law & Ethics and complete a Career Development/Exploration course. Students completing all 3 credit hours/semester also have the opportunity to work towards a second certification and/or complete a Behavioral Health course. Students enrolled in at least 2 credits/hour, can also participate in internships or clinicals at one of our partner facilities.

Industrial Maintenance: Industrial Electrical Capstone, Up to 3 credits/semester (Max 6)

Location: WCCC, 12:30-2:30 pm for coursework

Students complete coursework focusing on alternating currents, and programming of programmable logic controllers. Students complete dual credit course work through Ivy Tech to earn their Industrial Electrical certification and SACA certifications. The course work is combined with a paid internship with one of our local industry partners.

Information Technology: IT Support Capstone, Up to 3 credits/semester (Max 6)

Location: Various, Flexible

Students continue their dual enrollment work towards their Technical Certificate in IT support. Courses completed include IVYT 106, ITSP 175, SVAD 111, and SVAD 150. Students complete an internship with their school's IT department if enrolled in all 3 credits/semester.

Welding Technology: Up to 3 credits/semester (Max 6)

Location: WCCC/Ivy Tech, 12:00-2:00 pm for coursework

Students complete coursework at Ivy Tech in Lafayette to build upon the knowledge & skills developed previously in the pathway. Students complete WELD 206 & 272 which focus on Gas Metal Arc (MIG) and WELD 208 & 273 which focus on Gas Tungsten Arc (TIG). Students who sign up for all 3 credits/semester, will also be required to complete an internship or WBL.

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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