

Cooperative Administered Programs

| PROGRAM | 8:00 AM – 11:00 AM | 12:00 PM – 3:00 PM |
|--|---|--|
| <i>Automotive Technology</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>Auto Body Collision Repair</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>CAD Drafting</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>Construction Trades</i> | Central Noble | East Noble |
| <i>Criminal Justice</i> <i>(Total 29 positions available each semester)</i> | Semester 1 Angola, Central Noble, East Noble, Garrett, Hamilton, Prairie Heights, Westview | Semester 1 East Noble, Lakeland, Eastside |
| | Semester 2 Angola, Central Noble, Fremont, Garrett, Prairie Heights | Semester 2 Eastside, DeKalb, Hamilton |
| <i>Culinary Arts</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| | Hand selected 2 nd year students will be eligible to participate in Flex Period. | |
| <i>HVAC</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>Machine Trades</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>Marine Mechanics</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |
| <i>Welding</i> | Angola, Central Noble, Fremont, Garrett, Prairie Heights, Westview | DeKalb, Eastside, East Noble, Hamilton, Lakeland |

AUTOMOTIVE TECHNOLOGY

Location:

FCAVC, Kendallville, IN

Course Description:

The Automotive Technology program is designed to meet the needs of those students who plan to pursue a career in automotive technology. This course meets the guidelines of NATEF/ASE Certification in the areas of Brakes, Electrical/Electronics, Engine Performance, Heating and Air Conditioning, and Suspension and Steering. Students completing the two-year program will earn one-year credit towards their ASE Certification. Students also have the opportunity to participate in the AYES program, in their 2nd year of instruction.

Program Duration:

Students may enroll in the Vocational Auto Technology for one or two years, beginning with their junior year. No prerequisites are required for this program; however, a strong desire to pursue a career in the automotive technology field is recommended.

Credits:

Students enrolled in Automotive Technology receive credit based upon the type of schedule offered at each school and may earn up to twelve (12) hours of dual credit through Ivy Tech State College.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

Students will pay for materials and supplies used for personal projects.

AUTO BODY COLLISION REPAIR

Location:

FCAVC, Kendallville, IN

Course Description:

Formal training in Auto Body Technology is highly desirable because advances in technology in recent years have greatly changed the structure, components, and even materials used in automobiles. Our program is designed to provide the latest in practical, hands-on coursework driving by current industry standards and the basic skills required for employment in the auto body industry. All phases of auto collision damage, repair, replacement and repainting will be covered. Some techniques include welding, masking, sanding and painting and uni-body frame straightening.

Program Duration:

Students may enroll in the Vocational Auto Body Collision Repair Program for one or two years beginning with their junior year. No prerequisites are required for this program, however; a strong desire to pursue a career in the automotive industry is recommended.

Credits:

Students enrolled in Auto Body Collision Repair receive credit based upon the type of schedule offered at each school. Students will also be eligible to earn six (6) dual credits through Ivy Tech Community College.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

Students will pay for material and supplies used for personal projects.

CAD DRAFTING

Location:

FCAVC, Kendallville, IN

Course Description:

Classroom and lab experiences in the CAD Drafting program are organized to prepare students for college or employment in the broad area of the drafting industry. Instruction covers CAD Drafting, Architectural Drafting, Industrial Mechanical Drafting, Graphic Design and Civil Drafting. The curriculum also includes 3D modeling technology, 3D prototyping technology and multiple versions of CAD software. Currently the CAD program utilizes AutoCAD 2010, Inventor, Pro-E, Solid Works and Architectural Desktop to complete the competencies in either mechanical or architectural drafting.

Program Duration:

This program is open to juniors and seniors who may enroll for one or both years.

Credits:

Students enrolled in CAD Drafting receive credit based upon the type of schedule offered at each school. Students may earn up to twelve (12) hours of dual credit through Ivy Tech Community College. Students also have the opportunity to earn 3 credits at Vincennes University if they continue their education at the institution.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application

Fees:

None at this time.

CONSTRUCTION TRADES

LOCATION:

FCAVC, Kendallville, IN

COURSE DESCRIPTION:

Construction Trades is designed to provide students with experiences of constructing a new home. Projects will include: concrete work, framing, roofing, siding, window installation, dry walling, finish work, some plumbing, heating, and all electrical.

PROGRAM DURATION:

Students may enroll in the Vocational Construction Trades for one or two years beginning with their Junior year. No prerequisites are required for this program; however, a strong desire to pursue a career in the construction trades field is recommended.

Second year students are responsible for assisting first year students and are given more difficult tasks to perform during training.

CREDITS:

Students may earn one year toward their apprenticeship training and up to twelve (12) hours of dual credit through Ivy Tech Community College.

ENROLLMENT PROCEDURE:

Students need to contact their Guidance Counselor for an application.

FEES:

Students will pay only for personal classroom supplies such as notebooks, paper, pencils, etc.

CRIMINAL JUSTICE

Location:

FCAVC, Kendallville, IN

Course Description:

This course provides students with an introduction to Criminal Justice professions such as police officer, FBI Agent, Secret Service Agent, Attorney, Paralegal, Probation Officer, law clerk, State Trooper, Detectives and others. Students will study criminal justice careers through classroom theory, field trips, personal guest speakers, hands on experiences, and case studies. Students will explore organized crime, fingerprinting, criminal patterns, interrogations, arrest procedures, crime scene investigation, patrol techniques, evidence and collection, traffic accident investigations, report writing, constitutional rights, and many other areas related to criminal justice careers.

Program Duration:

Students may enroll in the Criminal Justice program for one semester. This course is open to Junior and seniors. There are no prerequisites for this program; however, a strong desire to pursue a career in the criminal justice field is recommended.

Credits:

Students enrolled in Criminal Justice receive credit based upon the type of schedule offered at each school. Also, upon successful completion of the FCAVC Criminal Justice program, students will have the opportunity to earn 3 hours credit from Tri-State University.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application

Fees:

Students will pay only for personal classroom supplies such as notebooks, paper, pencils, etc...

CULINARY ARTS

Location:

FCAVC, Kendallville, IN

Course Description:

The Vocational Culinary Arts program is designed to prepare students to join the workforce or continue their education in the area of food service operation, preparation, and ultimately, professional chef. Targeted areas of curriculum will include: nutrition, sanitation and safety, basic food preparation, baking, pastries, meat and seafood, equipment utilization and maintenance, purchasing, inventory and management. Students will have an opportunity to earn their ServSafe Certification.

Program Duration:

This program is open to juniors and seniors who may enroll for one or both years. It is recommended that students consider this program for two years for advancement into related post-secondary and apprenticeship programs. The instruction is scheduled for three hours daily.

Credits:

Students enrolled in culinary arts receive credit based upon the type of schedule offered at each school as well as dual credits through Ivy Tech Community College.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

None at this time.

Heating, Ventilation and Air Conditioning(HVAC)

Location:

FCAVC, Kendallville, IN

Course Description:

The Heating, Ventilation and Air Conditioning program is a two year program. Basic skills taught in this program include the working and installation systems of heating, ventilation, air conditioning and refrigeration, basic electricity, sheet metal patterns, welding, soldering, and piping. The goals of the program are to train the students for entry level job positions, encouraging them to further their knowledge in following apprenticeship programs and technical school. Students completing the two year program earn one year credit towards Association of Builders and Contractors (ABC) apprenticeship training in heating, ventilation, air conditioning and refrigeration.

Program Duration:

Students may enroll in the HVAC program for one or two years, beginning with their junior year. It is recommended, however; to participate the full two years to acquire full credit.

Credits:

Students enrolled in HVAC receive credit based upon the type of schedule offered at each school.

Enrollment Procedures:

Students need to contact their guidance counselor for an application.

Fees:

None at this time.

MACHINE TRADES

Location:

FCAVC, Kendallville, IN

Course Description:

The Machine Trades program introduces students to the basics of the precision tool making trade. Students will be instructed in the use of lathes, mills, surface grinders, O.D. grinders, drill press, saws and other machine shop equipment related to precision tool making. More technically advanced machinery includes CNC mill, CNC lathe, EDM Sinker and EDM Wire. Student projects are geared toward building precision tools to use when they enter this career field. Second year students will learn more advanced techniques of machining projects.

Program Duration:

This program is open to juniors and seniors who may enroll for one or both years. It is recommended that students consider this program for two years for advancement into related post-secondary and apprenticeship programs. The instruction is scheduled for three hours daily.

Credits:

Students enrolled in Machine Trades receive credit based upon the type of schedule offered at each school. Students may earn up to nine (9) hours of dual credit through Ivy Tech Community College as well as three (3) hours credit through Vincennes University should they choose to continue their education at the institution.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

Students will pay for materials and supplies (steel, etc...) for their personal projects. Students are also required to purchase (either from the instructor or on their own) a shop apron and basic tool kit including such items as: machinist rule, adjustable wrench, etc... The total cost for participation in this program is approximately \$60.

MARINE MECHANICS

Location:

FCAVC, Kendallville, IN

Course Description:

The FCAVC Marine Mechanics program is the only Marine Mechanics program in the United States to have earned the Marine Industry Certification. Marine Mechanics is organized to provide classroom and lab experiences to prepare students for employment in the broad area of the boating industry. Students completing the two year program will earn their MIC certification. Instruction covers many facets of the industry including outboard and stern drive engine repair, repair and testing of stern drive lower units, steering mechanisms, hull repair and detailing, trailer adjustments, winterizing of engines, boat handling and safety of operation, trouble shooting mechanical and electrical problems, customer relations, EFI troubleshooting and other areas.

Program Duration:

This program is open to juniors and seniors who may enroll for one or both years. It is recommended that students consider this program for two years for advancement into related post-secondary and apprenticeship programs. The instruction is scheduled for three hours daily.

Credits:

Students enrolled in Marine Mechanics receive credit based upon the type of schedule offered at each school. Students also may be able to test out of portions of the Marine Mechanic's Institute marine mechanics programs and also will have access to additional opportunities through Wyotech. Students also receive 5 National Essentials Certifications from Bombardier as well as Mercury E-Skills.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

Students will pay for parts and supplies which were used to repair their own boat or related equipment.

WELDING

Location:

FCAVC, Kendallville, IN

Course Description:

The Vocational Welding program is designed to prepare students to join the workforce or continue their education. The main emphasis is placed on theory and practice of shielded metal arc welding, shielded metal gas welding, gas tungsten, arc welding, plasma arc cutting and oxyacetylene cutting. Students are also instructed on safely setting up and operating horizontal saws, chop saws, ironworkers, power shears, drill presses and brakes and hand grinders. The equipment used is of the latest technology available with the tigs and migs having computerized pulse capabilities. The welding program follows the American Welding Society (AWS) curriculum, which offers students the opportunity to earn AWS, Level I Certification. This certification will be recognized throughout the United States, Canada and much of the world.

Program Duration:

This program is open to juniors and seniors who may enroll for one or both years. It is recommended that students consider this program for two years for advancement into related post-secondary and apprenticeship programs. The instruction is scheduled for three hours daily.

Credits:

Students enrolled in welding receive credit based upon the type of schedule offered at each school. Students may earn up to nine (9) hours of dual credit through Ivy Tech Community College.

Enrollment Procedure:

Students need to contact their Guidance Counselor for an application.

Fees:

Fees are approximately \$130 for first year students. Second year students will also have minimal costs for gear including, but not limited to, gloves and miscellaneous supplies. All fees are due before the beginning of the first class.