



ELKHART AREA CAREER · CENTER

2022-2023

COURSE DESCRIPTION GUIDE



HELLO.



The Elkhart Area Career Center (EACC) has been serving juniors and seniors across Michiana since 1972. We serve nine Indiana school districts, multiple private schools, and one Michigan school district. Our half day programs serve over 1000 students annually, providing a strong foundation for career exploration and preparing students for either immediate placement in the field or a jumpstart on their post-secondary training. The EACC's responsiveness over the years allows for programs to reflect local and national needs across the various career clusters. A continued focus on instructional rigor and relevant training position our students for future success.

All programs at the EACC are built on the concept of offering stackable credentials. Through dual credit agreements with Ivy Tech Community College and Vincennes University, students participating in EACC programs have the opportunity to begin working towards a college credential. In fact, twelve of our programs are designated "early college" and allow students the opportunity to earn a certificate, technical certificate, or in some cases an associate's degree when paired with dual credits earned at their home school.

In addition, industry recognized certifications are available across most programs and many times these credentials bring more value than college credit. Students also have the opportunity to participate in work-based learning and project-based learning in all programs. These meaningful experiences allow our students to connect theory and hands-on skills to the application necessary in their field of study. Support from our over 400 business partners makes these opportunities more genuine and allows students a chance to begin building relationships in their field of interest.

Our focus on building relationships, modeling and teaching professionalism, developing rigorous curriculum, and creating real-world experiences prepares our students for their futures.

Mr. Brandon Eakins, Director

Choose one of 28 courses from our 7 career clusters listed to get you closer to your career goals.

- COMMUNICATION/ARTS/MEDIA
- HEALTH OCCUPATIONS
- HUMAN SERVICES
- MANUFACTURING & ENGINEERING
- PUBLIC SAFETY
- TRANSPORTATION

FREE COLLEGE CREDITS

UP TO 2 SEMESTERS OF COLLEGE EARNED

TECHNICAL CERTIFICATE

POTENTIAL TO EARN AN ASSOCIATES DEGREE

EARN UP TO 2 SEMESTERS OF FREE COLLEGE CREDIT, A TECHNICAL CERTIFICATE, OR POTENTIALLY AN ASSOCIATES DEGREE WHILE STILL IN HIGH SCHOOL.

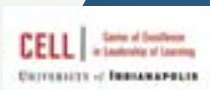
PARTICIPATING SCHOOLS

Bethany Christian
Bremen
Clinton Christian
Concord
Elkhart
Fairfield

Goshen
Indiana Connections
Career Academy
Jintown
Mishawaka
Northridge

NorthWood
Penn
Edwardsburg
Elkhart Christian Academy
Mishawaka Marian
Westview

BRANDON EAKINS
DIRECTOR



COURSES OFFERED

Each of these courses qualifies as 6 elective credits for Core 40, Academic and Technical Honors Diplomas.

IF YOU ARE INTERESTED IN ANY OF OUR COURSES
PLEASE TALK TO YOUR SCHOOL COUNSELOR.

[CLICK HERE!
To Apply](#)

COMMUNICATIONS/ART/MEDIA

AUDIO/VIDEO 1 & 2

COURSE OVERVIEW: 1ST YEAR

- Students will gain working knowledge of the audio/video industry, including creating concepts, scripts, production, recording, and editing using professional radio and video equipment
- Students will get practical experience in field production, video editing, and live studio production
- Students will learn film production, including planning, budgeting, scheduling, working with actors/crew, story development and script writing, character development, composition and visual design, and audio production, utilizing Adobe Creative Cloud software
- Students learn how to produce an original 15-90 second stop motion animation short film

COURSE OVERVIEW: 2ND YEAR

- Students will assist in operations of closed-circuit TV and HD radio station
- Students will strengthen their pre-production, production and post-production skills
- Students will learn how to produce a non-animation short film
- **Prerequisite:**
Audio/Video I

CAREER FOCUS

- Students will be prepared for entry-level employment in film production broadcast television/radio, or independent audio/video production for internet and other media outlets

Earn up to 9 college credits
1st year costs= \$80
2nd year costs= \$80

WATCH VIDEO 

COMMERCIAL PHOTOGRAPHY 1 & 2

COURSE OVERVIEW: 1ST YEAR

- Introduction to the fundamentals of photography and lighting
- Students learn useful work flows and current software, such as Adobe Photoshop CC and Adobe Lightroom CC
- Develop an understanding of professional level equipment and studio practices
- Students will become proficient in content creation & problem solving

COURSE OVERVIEW: 2ND YEAR

- Students practice creating content for use with interactive media
- Build a photography portfolio showcasing a diverse range of photography skills
- Students are introduced to the foundations of web design and web programming
- Work with community leaders to produce content for real world projects
- **Prerequisite:**
Commercial Photography 1

CAREER FOCUS

- Students will be prepared to attend college or art school, work in a photography studio, or begin a freelance career

Earn up to 9 college credits
Certifications available
1st year costs= \$100
2nd year costs= \$100

WATCH VIDEO 

GRAPHIC DESIGN 1& 2

COURSE OVERVIEW: 1ST YEAR

- Learn about typography, color theory, electronic illustration and photo manipulation
- Learn the basic functions of Adobe Creative Cloud software, such as Photoshop, Illustrator, and InDesign
- Create logos and layouts for posters, social media, billboards, magazine covers, and more
- Produce an exciting and creative portfolio that will be used to gain employment and/or acceptance into an art college
- Participate in nationally-recognized art/design competitions

COURSE OVERVIEW: 2ND YEAR

- Create professional multi-page graphic designs such as editorial spreads, postcards, greeting cards, brochures, calendars, and more
- Explore GIF animation and website design
- Work with actual clients and get paid for your designs
- Continue adding college-level work to your portfolio
- **Prerequisite:**
Graphic Design 1

CAREER FOCUS

- Students will be prepared to attend college or art school, gain immediate entry-level employment in the graphic design field, or begin a freelance career

Earn up to 9 college credits
Certifications available
Art competition entry fees \$5-\$25 per entry

WATCH VIDEO 

CRIMINAL JUSTICE 1 & 2

COURSE OVERVIEW: 1ST YEAR

LAW ENFORCEMENT

- Participate in specialized hands-on training in law enforcement, corrections, and public safety fields based on the Indiana Law Enforcement Academy (ILEA) standards in collaboration with public safety professionals (current & retired)
- Acquire core skills critical in law enforcement that include, but are not limited to, patrol tactics, criminal and traffic laws, arrest procedures, person searches, and building/vehicle searches
- Learn essential skills to become an emergency dispatcher for an emergency 911 call center, including determining the nature and priority of the emergency call, dispatching the appropriate emergency personnel, and providing the caller with instructions on how to treat the patient until help arrives



COURSE OVERVIEW: 2ND YEAR

CRIMINAL INVESTIGATION/CSI

- Develop core skills used in crime scene investigations including, but not limited to, identifying and securing a crime scene, sketching and documenting a crime scene; collecting and packaging evidence, and categorizing evidence such as fingerprints, tool marks, and DNA
- Acquire basic skills used in death investigations utilizing human autopsy protocols on a fetal pig. Interact with various law enforcement professionals (current & retired) to gain insight and learn different strategies in the field of criminal investigations
- Participate in the Indiana County Jail Officer Course which covers the legal considerations from intake to release, jail security, medical considerations, suicide prevention, abnormal behavior in inmates, admissions and booking, stress management, as well as the Indiana Department of Corrections policies and procedures and how to maintain appropriate relationships with inmates in jails
- **Prerequisite: Criminal Justice I**



CAREER FOCUS

- Students will be prepared to enter into the workforce in the county correctional field, emergency 911 dispatch field, or other areas in the law enforcement/crime scene investigation fields
- Students will be prepared to further their education in the criminal justice field

Earn up to 33 college credits and early college certificate
 Certifications available including Emergency Telecommunicator and Indiana County Jail Officer
 1st year costs - \$100
 2nd year costs - \$100

EMT: EMERGENCY MEDICAL TECHNICIAN

COURSE OVERVIEW

- Develop fundamental skills needed for the emergency medical services profession
- Learn lifesaving CPR techniques and first aid care
- Recognize, manage, and apply scene information and patient assessment to guide emergency management of the sick and injured patients
- **Seniors Only**
- **Course can be a capstone option for students who have taken Cardiology/EMT 1 and Firefighting 1**

CAREER FOCUS

- Students successfully completing this program will be eligible to sit for the National Registry EMT exam and the Indiana Psychomotor exam leading to EMT certification, which will allow students to gain entry level positions as an EMT for an ambulance/fire service as well as ED Tech positions in the Emergency Department

Earn up to 16.5 college credits, additional college courses upon request
 Emergency Medical Technician-Basic certification available
 Costs= \$100+uniform pants and shoes
 EMT certification exam= \$80



FIRE & RESCUE 1 & 2

COURSE OVERVIEW: 1ST YEAR

- Develop core skills in handling emergency situations, such as extinguishing fires and providing the initial first aid care in traffic accidents and other medical emergencies as a first responder
- Interact with professionals from local fire departments and other emergency personnel departments
- Additional training (with certifications available) will include Hazardous Materials Awareness, Hazardous Materials Operations

COURSE OVERVIEW: 2ND YEAR

- Additional training (with certifications available) in Fire Investigator, Public Fire and Life Safety Educator I, and Emergency Medical Responder
- Placement in one of our local fire departments for extensive job shadowing opportunities
- **Prerequisites:**
Fire and Rescue I
Must pass Fire Fighter I certification in the first year program

CAREER FOCUS

- Students will be prepared to pursue further education/training in the firefighting and/or first responder field or entry into a career as a firefighter or a first responder.

Earn up to 33 college credits
 Certifications available including the Indiana Industry Certifications, Indiana Firefighting 1 & 2
 1st year costs= \$150
 2nd year costs= \$150



AG/MOTORCYCLE/OUTDOOR POWER TECHNOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Develop essential core skills that are essential in working with motorcycles and other small engines
- Introduction to theory and hands-on experience to develop basic knowledge and skills in agricultural mechanics
- Instructional areas include the basic fundamentals of maintaining and repairing internal combustion engines, drive components, hydraulics, pneumatics, basic electrical systems, basic welding skills, fabrication, cold metal work, shop and equipment safety, and customer service skills
- Earn tools and scholarship money through involvement in student organizations and competitions such as SkillsUSA, FFA, Hot Rodders of Tomorrow, and NHRA's Youth and Education Services by competing in a skill area

COURSE OVERVIEW:2ND YEAR

- Analyze, diagnose, and repair equipment for individuals in the community
- Participate in high-level paid internships with area businesses
- Continue to earn scholarships and prizes through student organizations and competitions
- Create and develop a professional portfolio

Prerequisite: Ag Motorcycle/Outdoor Power Technology 1

CAREER FOCUS

- Students will be prepared for immediate employment in the Agricultural field, the motorcycle repair or the small engines field, or further their education in this field

Earn up to 12 college credits
Certifications available
1st year costs= \$80
2nd year costs= \$30



AUTOMOTIVE COLLISION REPAIR 1 & 2

COURSE OVERVIEW: 1ST YEAR

AUTOMOTIVE BODY REPAIR

- Introduction and discussion related to the fundamentals of collision repair, welding, trim and hardware, and exterior panel repair of automobiles
- Vehicle construction and terminology, collision energy management, automotive fasteners, and bolt-on replacement parts will also be covered
- Repair and/or replace steel and plastic automotive and truck body panels to pre-accident condition using professional grade tools and equipment
- Work side-by-side with experienced collision repair technicians
- Efficiently produce quality repairs in the fast-paced environment of an automotive collision repair facility



COURSE OVERVIEW:2ND YEAR

REFINISHING

- Introduction and discussion related to safety and the environment, refinish equipment, and color theory, application, tinting, and blending
- MSDS, environmental laws, and material mixing
- Paint vehicles using industry-standard equipment and materials
- Work side-by-side with experienced automotive refinishing technicians
- Efficiently produce quality repairs in the fast-paced environment of an automotive refinishing facility
- Learn the skills used in inspecting, recording, and diagnosing damage on a damaged vehicle
- Calculate estimates to repair damaged vehicles, including paint, materials, parts, and labor
- **Prerequisite:** Automotive Collision Repair 1



CAREER FOCUS

- Students will be prepared for immediate employment in the automotive collision repair industry, ASE Certification, and/or further education

Earn up to 20 college credits
ASE certifications available
Total costs for both years= \$80

* AUTOMOTIVE SERVICE TECHNOLOGY 1 & 2

COURSE OVERVIEW: 1ST YEAR

- Learn preventative maintenance skills, suspension, brakes, basic electrical, and alignments
- Analyze, diagnose, maintain, and repair basic and advanced automotive systems
- Earn tools and scholarships in organizations like SkillsUSA and Hot Rodders of Tomorrow
- Participate in AYES, a nationally recognized organization supported by more than a dozen automotive manufacturers
- Opportunity for paid summer internships at local dealerships through AYES

COURSE OVERVIEW: 2ND YEAR

- Learn skills in engine repair, engine management, fuel, ignition, electronic engine controls and sensors, advanced electrical systems, and automotive business structure and management
- Perform real-world fixes, diagnosing, evaluating, correcting, and verifying repairs using the same tools and equipment the pros use
- Earn opportunities for on-the-job internships
- Earn scholarships and tools
- **Prerequisite:** Automotive Service Technology 1

CAREER FOCUS

- Students will be prepared for employment in the automotive service field and/or further education

Earn up to 25 college credits and early college certificate
ASE/NATEF Student certifications available
Total costs for both years= \$80



* DIESEL SERVICE TECHNOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Introduce students to diesel engine operating principles and theories
- Experience hands-on training on diesel engines, fuel systems and engine electrical systems
- Practical experience using OEM diagnostic software and service information
- Earn tools and scholarship money
- CDL licensure instruction

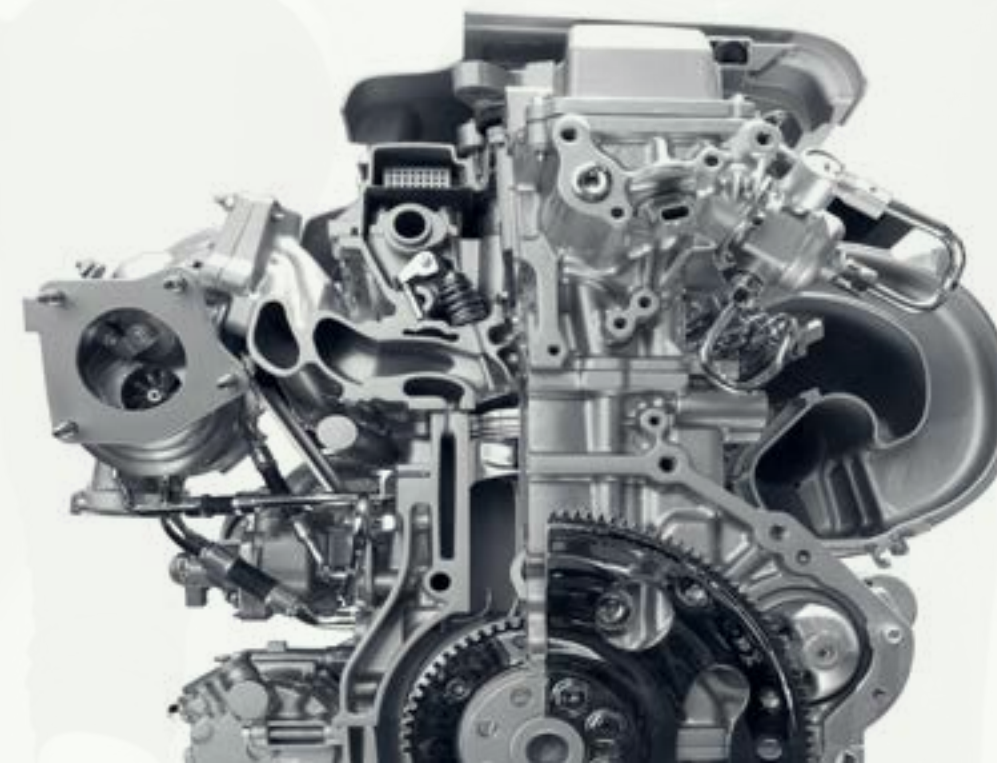
COURSE OVERVIEW:2ND YEAR

- Introduce students to operation principles and theories of heavy duty drive trains, brakes, steering and suspension
- Hands-on training on drive trains, brakes, suspension and steering
- Learn DOT and preventative maintenance inspection skills
- **CDL licensure instruction**
- **Prerequisite:** Diesel Service Technology 1

CAREER FOCUS

- Students will be prepared for entry level positions in the diesel service technology field, ASE certification and/or further education in the trucking, heavy equipment, agriculture and marine fields

Earn up to 30 college credits and early college certificate
ASE certifications available
1st year costs= \$50
2nd year costs= \$50





* CARDIOLOGY/EMT 1&2

COURSE OVERVIEW:1ST YEAR

CARDIOLOGY

- Cardiology focus
- Learn entry level patient care skills utilized in many healthcare environments including, but not limited to; assessment of blood pressure, pulse and respirations, assisting with activities of daily living, CPR, AED, and first aid
- Develop fundamental skills necessary to assess the electrical function of the cardiac system and report findings to the physicians for further care of patient
- **Juniors only with two year program commitment**
- **Prerequisite: MUST have 4 semesters of high school completed, have a minimum GPA of 2.6 AND be on the Core 40 Diploma track; OR have passed a standardized test with one of the following scores:**

	Writing	Reading
Accuplacer	80 (Sentence Skills)	76
ACT	17 (English)	18
PSAT	26	25
SAT	27	25
Knowledge Assessment	70	80

COURSE OVERVIEW:2ND YEAR

CARDIOLOGY/EMT

- Develop more in-depth knowledge of the cardiac system and patient care, including a clinical phase preparing students to enter the job market as EKG Technicians
- Become eligible to sit for The National Registry exam for EMT certification
- **Prerequisite: Cardiology 1**

CAREER FOCUS

- Students will be prepared to gain employment as Cardiac (EKG) Technicians and Cardiac Monitor Technicians in a variety of settings and or gain employment with an ambulance service, emergency department, and many other healthcare facilities

Earn up to 56 college credits and early college certificate
 Emergency Medical Technician (EMT) certificate available
 NHA Certified EKG Technician certificate available
 1st year costs= \$100+uniform pants and shoes
 2nd year costs= \$100+uniform pants and shoes
 EMT certification exam= \$80
 CET exam= \$115

WATCH VIDEO



MEDICAL ASSISTING 1&2

COURSE OVERVIEW:1ST YEAR

- Perform life-saving CPR and first aid procedures at the professional health care level
- Practice a variety of medical assisting skills to prepare for a career in a physician's office or clinic
- **Prerequisite: MUST have 4 semesters of high school completed, have a minimum GPA of 2.6 AND be on the Core 40 Diploma track; OR have passed a standardized test with one of the following scores:**

	Writing	Reading
Accuplacer	80 (Sentence Skills)	76
ACT	17 (English)	18
PSAT	26	25
SAT	27	25
Knowledge Assessment	70	80

COURSE OVERVIEW:2ND YEAR

- Learn advanced medical assisting skills
- Successfully draw blood (phlebotomy) and perform ECGs (electrocardiograms)
- Work with health care professionals using medical assisting skills in internship experiences
- Prepare for national certification exam to become CMA (certified medical assistant)

- **Prerequisite: Medical Assisting 1**

CAREER FOCUS

- Students will be prepared to seek employment as a medical assistant or office assistant in offices and clinics, and/or further their education in a medical career

Earn up to 15 college credits
 Certifications available including the Indiana Industry Certification, National Healthcareers Assoc. Clinical Medical Assisting (CCMA)
 1st year costs= \$40 lab fee, scrub uniform, clinic shoes and watch
 2nd year costs= \$80 lab fee
 Seniors who qualify for internships will need TB test, flu shot, and background history check

WATCH VIDEO



PRE-SURGICAL TECHNOLOGY 1 & 2

(SURGICAL/STERILIZATION TECH)

COURSE OVERVIEW:1ST YEAR

- Learn about being a critical member of the surgical team
- Acquire expertise in the theory and application of sterile and aseptic technique
- Become knowledgeable of human anatomy, medical terminology, surgical procedures, and sterilization of surgical equipment/tools
- Learn the instrumentation and technologies needed to facilitate a physician's performance of invasive therapeutic and diagnostic procedures.
- Students will have the opportunity to explore the various health/surgical related fields through job shadowing
- **Juniors only with two year program commitment and will require an additional year of study beyond the two-year commitment to earn a national certification**
- **Prerequisite: MUST have 4 semesters of high school completed, have a minimum GPA of 2.6 AND be on the Core 40 Diploma track; OR have passed a standardized test with one or more of the following scores:**

	Writing	Reading
Accuplacer	80 (Sentence Skills)	76
ACT	17 (English)	18
PSAT	26	25
SAT	27	25
Knowledge Assessment	70	80

COURSE OVERVIEW:2ND YEAR

- Second year students will participate in a clinical placement at a surgery performing site

CAREER FOCUS

- Students will be prepared to continue their pursuit of an Associate Degree and National Certification in Surgery Technology. The demand for Certified Surgical Technologists continues to grow. Employment opportunities are found in a variety of medical settings such as operating rooms, ambulatory surgery centers, central supply, labor and delivery areas, cardiac catheterization laboratories, private physician offices, and other settings where invasive procedures are performed.

Earn up to 12 college credits
 1st year costs = \$100.00
 2nd year costs = \$100.00 + scrubs

CAREERS IN SPORTS MEDICINE 1 & 2

COURSE OVERVIEW

- Exposes and prepares students for health care fields related to athletics: i.e. athletic training, personal training, occupational and physical therapy, exercise science, and physical fitness
- Introduction to Health Careers will be supported by Anatomy & Physiology, Medical Terminology, First Aid, and Nutrition
- Students will be introduced to Kinesiology, Exercise Science, and Health and Wellness
- The concentration of this program will be to practice skills built on competencies learned, field experiences with real-world application, and the development of individualized plans to further in-depth knowledge of sports medicine and athletic training

COURSE OVERVIEW:2ND YEAR

- Continue to refine skills and knowledge base gained in 1st year
- Students will develop a more project based approach in potential career field of their choice
- Students will have opportunities to gain field experience through job shadowing and internships in fields related to sports medicine
- **Prerequisite:**
Careers in Sports Medicine 1

CAREER FOCUS

- Students will be prepared to pursue further education at the postsecondary school of their choice in pursuit of advanced degrees in athletic training, personal training, occupational and physical therapy, exercise science, or physical fitness

Earn up to 22 college credits
1st year costs= \$100
2nd year costs= \$100

DENTAL HEALTH CAREERS

COURSE OVERVIEW

- Hands-on experience in dental procedures and expanded functions in dental assisting
- Deliver oral hygiene instruction to both children and adults
- Develop dental terminology that will enhance practical skills
- Experience internships in a dental office
- Develop and build employability skills

CAREER FOCUS

- Students will be prepared to seek employment in a dental office and/or further education in a dental health careers program

Earn up to 15 advanced placement credits
NELDA (National entry Level Dental Assistant) certification available
Costs= \$180



VETERINARY CAREERS 1&2

COURSE OVERVIEW:1ST YEAR

- Students will be introduced to the science of Biology
- Trained to provide professional support to veterinarians
- Hands-on experiences such as blood draws, animal restraining, preparing examination rooms for veterinarians, surgical preparation, and animal grooming
- Students will be introduced to post-secondary opportunities in veterinary science

COURSE OVERVIEW:2ND YEAR

- Continue to refine skills as a veterinarian technician
- Hands-on experiences such as grooming, lab testing, and independent scientific research
- Students will design the structure and organization of their own veterinary facility
- Opportunity for internships in local veterinary clinics that may lead to employment
- **Prerequisite:**
Veterinary Assisting 1

CAREER FOCUS

- Students will be prepared to pursue further education to become a veterinary technician, a veterinary assistant, or a veterinarian

Earn up to 9 college credits
Certifications available
1st year costs= \$45 lab fees
2nd year costs= \$45 lab fees



COSMETOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Introduction to developing the skills necessary for earning the Indiana Cosmetology license including, but not limited to hair design, haircutting, hair coloring, nail care, skin care and salon business skills
- Develop the professional skills necessary to be a successful employee such as punctuality, initiative, and professional integrity
- **Juniors only with two year program commitment**

COURSE OVERVIEW:2ND YEAR

- Implementation of necessary skills needed to complete State Board of Cosmetology examinations
- Practice necessary practical tasks for running the EACC simulated salon
- Develop professional communication skills with clients, instructors and fellow classmates
- Learn how to problem solve salon business skills
- **Prerequisite:**
Cosmetology 1

CAREER FOCUS

- Students will be prepared to meet the Indiana State Board Standards for Cosmetology and become a licensed professional cosmetologist

Class is 4 hours and 15 minutes long
AM session is 7:00 - 11:15 am; PM session is 12:00-4:15 pm
You must have your own transportation
Earn up to 28 college credits
Certifications available including the Indiana Industry Certification, Indiana Cosmetology License
1st year costs= \$425 registration fee, \$175 for uniform & supplies
2nd year costs= \$25



PRECISION AGRICULTURE 1&2

COURSE OVERVIEW:1ST YEAR

- Understand the role of agriculture in the U.S. and the world, and expand on plant sciences
- Learn and work with technology used in agriculture including GPS, GIS, drones, and virtual reality
- Explore crop management and the variables that influence production and distribution
- Learn about soil analysis, soil testing, and pest management for large-scale crop production
- Opportunity to earn Part 107 UAS certification for use of drones in agriculture

COURSE OVERVIEW:2ND YEAR

(DOE COURSE: LANDSCAPE MANAGEMENT II-5137)

- Utilize program greenhouses and the ACCELL farm to develop individual year long projects demonstrating skills learned in the 1st year of the program
- Work with community partners to develop plans for more efficient crop management techniques through Supervised Agriculture Experience (SAE) project
- Learn the business aspects of this industry
- Opportunity to earn an Ivy Tech certificate in Plant Production and technical certificate in Precision Agriculture Specialist
- **Prerequisite:**
Precision Ag I

CAREER FOCUS

- Students will be prepared for employment in the agriculture industry using technology to improve the quality of nutrients, soil, water, crops, etc, such as a drone operator/pilot, pest management, farming or further their education through a precision agriculture program at a 2-year or 4-year post secondary institution

Earn up to 21 college credits
Certifications available
1st year costs= \$50
2nd year costs= \$50



* CULINARY ARTS & HOSPITALITY 1 & 2

COURSE OVERVIEW:1ST YEAR

- Learn basic sanitation and culinary theory
- Learn hands-on (practical) cooking techniques
- Preparation of soups, stocks, and sauces
- Hands-on training in a fully-equipped newly updated kitchen with professional chef instructor
- Learn basic cooking techniques and basic sanitation principles
- **Juniors only with two year program commitment**

COURSE OVERVIEW:2ND YEAR

- Work in a fully equipped baking lab and kitchen with a professional chef instructor
- Gain work experience by preparing product for the student-run bakery, catering, and fundraising events
- Take turns working and managing student-run bakery
- Prepare foods following different nutrition and dietary guidelines
- Plan and manage food sale events
- Prepare portfolio for interviewing and learn supervisory and management skills

• **Prerequisite:**
Culinary Art & Hospitality 1

CAREER FOCUS

- Students will be prepared to further their education in college or culinary school, or gain immediate employment in the culinary field

Earn up to 18 college credits and early college certificate
ServSafe Food Manager: National Restaurant Association certification available

1st year costs= \$112 (additional cost for plus-sized uniforms)

2nd year costs= \$50



* EARLY CHILDHOOD EDUCATION 1 & 2

COURSE OVERVIEW:1ST YEAR

- Create lesson plans for children 0-8 years using play-based approach
- Build health, safety and nutrition activities and environments for children 0-8 years
- Learn curriculum approaches and application in hands-on activities
- Develop fundamental knowledge of child growth and development in cognitive, physical, and emotional growth in young children

• **Juniors only with two year program commitment**
• **Must be able to pass drug test and background history check, as well as obtain a TB test and flu vaccine**

COURSE OVERVIEW:2ND YEAR

- Learn what it takes to be a childcare director and/or owner
- Prepare for CDA (Child Development Associate credential)
- Develop a professional portfolio with evidence of competency of work with young children
- Build a detailed analysis of human development from infancy through adulthood
- Construct language and literacy skills for young children

• **Prerequisite:**
Early Childhood Education 1

CAREER FOCUS

- Students will be prepared for immediate employment in early childhood education and/or further education

Earn up to 30 college credits and early college certificate
Child Development Associate (CDA) certificate available

1st year costs= \$70 + uniform

2nd year costs= \$110 (CDA exam)



* EDUCATION PROFESSIONS

COURSE OVERVIEW:1ST YEAR

- Provides the foundation for employment in education and related careers and prepares students for study in higher education
- An active learning approach that utilizes higher order thinking, communication, leadership, and management processes is recommended in order to integrate suggested topics into the study of education and related careers
- The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies
- Exploratory field experiences in classroom settings and career portfolios are required components
- A standards-based plan guides the students' field experiences
- **Juniors only with two year program commitment**

COURSE OVERVIEW:2ND YEAR

- The course of study includes, but is not limited to: the teaching profession, the learner and the learning process, planning instruction, learning environment, and instructional and assessment strategies
- Extensive field experiences in one or more classroom settings, resumes, and career portfolios are required components
- Students are monitored in their field experiences by the Education Professions II teacher (articulation with post-secondary programs is encouraged)
- **Prerequisite:**
Education Professions I

CAREER FOCUS

- Students will be prepared for employment in education and related careers and provides the foundation for study in higher education in these career areas

Earn up to 15 College Credits and early college certificate
Technical Certificate Available

ParaPro test for paraprofessional certification available

1st Year Cost: \$100

2nd Year Cost: \$100



MANUFACTURING & ENGINEERING

* Identifies programs that offer the Early College Option

ROBOTICS & ENGINEERING TECHNOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Opportunity to design and construct large scale projects that incorporate computer control, sensors, electrical circuits, and actuators used in industry (remotely operated hovercraft, automated drawbridge, robotic vehicles, etc.)
- Hands on engineering experience with industry training equipment used in advanced manufacturing. Training then applied to design projects
- Troubleshoot automated systems, diagnose problems, and design solutions using the engineering process
- College course work covers schematics, mechatronic systems, quality control, and electrical theory
- Potential to utilize classroom experience to intern with area businesses and participate in industry sponsored design projects

COURSE OVERVIEW:2ND YEAR

- Design Projects that integrate computers and mechanical systems to automate tasks
- Industrial PLC and arduino programming projects
- Program industrial robot to complete material handling tasks and perform quality checks
- Use Lean Manufacturing principles in design to improve product quality
- Potential to utilize classroom experience to intern with area businesses and participate in industry sponsored design projects
- **Prerequisite:** Robotics & Engineering I

CAREER FOCUS

- Students will be prepared to continue their education at a 2 or 4 year postsecondary institution in an engineering or engineering technology field, or move into a career/education track position in the advanced manufacturing field

Earn up to 48 college credits
Certifications available including the Indiana Industry Certification, Manufacturing Skills Standards certification
1st year costs= \$30
2nd year costs= \$30



MECHATRONICS 1&2

COURSE OVERVIEW:1ST YEAR

- Prepares for high demand careers such as mechatronics technician, electro mechanical technician, maintenance technician, and manufacturing engineer
- Learn to install, troubleshoot, and repair mechatronic systems such as pneumatics, hydraulics, electrical systems, mechanical systems, electric motors, sensors and industrial computers
- College course work covers automation/mechatronics, mechanical drives, fluid power, and welding
- Internships and industry sponsored design projects available

COURSE OVERVIEW:2ND YEAR

- Advanced application of mechatronic systems
- Learn to maintain/troubleshoot advanced manufacturing equipment such as CNC machines, robotic arms, and electric drives
- Students will work in teams to build automated projects
- Students will work with industry partners on automated projects
- College course work covers electrical applications, mechatronics, industrial robotics, and manufacturing processes
- Internships and industry sponsored design projects available
- **Prerequisite:** Mechatronics I

CAREER FOCUS

- Students will be prepared for a 2-year or 4-year post secondary institution in an engineering or engineering technology field, or move into a career/education track position in the advanced manufacturing field

Earn up to 50 college credits
Certifications available, including the Indiana Industry Certification, Manufacturing Skills Standards
1st year costs= \$30
2nd year costs= \$30

* INDUSTRIAL DESIGN TECHNOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Provide students with a basic understanding of the processes and equipment used to create and produce objects and manufactured goods that are used in everyday life using industrial machines
- Classroom instruction and labs will focus on shop safety, measurements, blueprint reading, shop math, the science of the different materials used in manufacturing, and all industrial machinery used to shape and form finished manufactured goods

COURSE OVERVIEW:2ND YEAR

- Advanced Manufacturing students will build on fundamentals they learned during the first year, building a foundation in computerized manufacturing
- Students will learn how to set up, program and run a Computerized Numerical Controlled (CNC) machine that will create and form manufactured goods
- Students will also learn how to use CAD (Computer Aided Drafting) software to design and create manufactured goods
- **Prerequisite:** Industrial Design Technology 1

CAREER FOCUS

- This course prepares students for in-demand industry certifications in a growing, high paying career in the manufacturing and CNC Machining industry and/or further education in the engineering field

Earn up to 24 college credits and early college certificate
Certifications available, including the Indiana Industry Certification, National Institute for Metalworking Skills (NIMS)
1st year costs= \$50
2nd year costs= \$50



COMPUTER NETWORKING 1&2

COURSE OVERVIEW:1ST YEAR

- Build and troubleshoot PCs
- Create, modify, and troubleshoot network cables
- Utilize internationally-recognized IT Essentials curriculum developed by the Cisco Networking Academy to prepare for the CompTIA A+ certification

COURSE OVERVIEW:2ND YEAR

- Configure Cisco routers and switches
- Design and maintain network infrastructures
- Use IP routing protocols and access lists
- Utilize internationally-recognized Routing and Switching curriculum developed by the Cisco Networking Academy
- **Prerequisite:** Computer Networking/PC Maintenance 1 or CompTIA A+ certification

CAREER FOCUS

- Students will be prepared for immediate employment as a computer/network technician, and/or further education

Earn up to 9 college credits
A+ Certification (CompTIA+) certification available (must pass two exams: Core 1 (220-1001) and Core 2 (200-1002)
1st year costs= \$30
2nd year costs= \$0



CAD: COMPUTER AIDED DRAFTING 1&2

COURSE OVERVIEW:1ST YEAR

- Introduction to technical / mechanical drafting, architectural drafting, 3D modeling, and 3D printing
- Learn with the most current versions of AutoCAD, 3dsMax, Revit, Inventor, and AutoCAD Architecture
- Introduction to technical / mechanical drafting, architectural drafting, 3D modeling, and 3D printing
- Create video game quality 3D solid models and animation video game creation with The Unreal Engine
- Compete in regional, state, and national drafting competitions
- Gain real-world experience by working on projects for local companies

COURSE OVERVIEW:2ND YEAR

- This course progresses from introductory to advanced mechanical and architectural 2-D and 3-D drawing, with an introduction to solid modeling, rendering, 3D printing, and basic animation
- Work in class on real-world drafting and design problems for local companies
- Paid internships available
- **Prerequisite:**
CAD 1

CAREER FOCUS

- Students will be prepared for placement as a CAD drafter and/or further education

Earn up to 12 college credits
AutoCAD Certified User (ACU) certification available
Autodesk Certified Professional (ACP) Inventor certification available
Autodesk Certified User (ACU) Revit Architecture certification available
1st year costs= \$30
2nd year costs= \$30



CONSTRUCTION TRADES 1 & 2

COURSE OVERVIEW: 1ST YEAR

- Train in a lab with state-of-the art power tools and power equipment with highly skilled instructors and assistants totaling nearly 70 years of combined experience
- Covers every major construction career area: carpentry, residential wiring, residential plumbing, concrete, and many others

COURSE OVERVIEW: 2ND YEAR

- Completion of building a residential home
- Use the latest construction materials and construction techniques to meet today's building codes and energy efficiency requirements of the home building industry
- **Prerequisite:**
Construction Trades 1

CAREER FOCUS

- Students will be prepared for immediate employment in the construction field and/ or further education

IKORCC Apprenticeship Training
1st year costs= \$125 (uniforms and basic hand tools)
2nd year costs= \$50-70 (hard hats, uniform replacement)



* WELDING TECHNOLOGY 1&2

COURSE OVERVIEW:1ST YEAR

- Develop the fundamentals of stick arc welding, mig and tig welding, as well as other innovative welding techniques
- Begin earning an AWS SENSE Welding Certification using industry level equipment
- Start your Associates degree in Early Welding Technology

COURSE OVERVIEW:2ND YEAR

- Participate in exciting internships with local manufacturers
- Finish an AWS SENSE Welding Certification using industry level equipment
- Prepare for welding test, which is required for job placement in the welding Industry
- **Prerequisite:**
Welding 1

CAREER FOCUS

- Students will be prepared for immediate employment as a welder and/or further education at a welding-associated technical school or college

Earn up to 22 college credits and early college certificate
American Welding Association (AWS) certification available
1st year costs= \$62
2nd year costs= \$0



OPPORTUNITIES

For more info about our courses visit our website at www.myeacc.org

The Elkhart Area Career Center provides an abundance of opportunities for honorary recognition, competition, internships, awards, and scholarships.

NATIONAL TECHNICAL HONOR SOCIETY

WHAT IT IS ALL ABOUT

- NTHS is a national organization founded to reward excellence in career and technical education, to encourage scholastic excellence and skill development, and to cultivate a stronger, more positive image for career education
- The goal of National Technical Honor Society is to ensure that deserving career technical education students be recognized and that the local community become aware of the talents and abilities of the people who choose career technical education as a pathway to a successful future

HOW TO APPLY

- Students are nominated by their instructors, must have 3 or less absences and tardies, and have an "A" in their Career Technical Education Program at the end of first semester
- An induction ceremony is held in the spring and parents, students, family members and friends are invited

SkillsUSA

STUDENT BENEFITS

- SkillsUSA offers materials and programs to help students develop as individuals, employees, and citizens
- Teaches teamwork, leadership and reinforces industry standards within each individual contest category
- Students advance through district, regional, state, and national competitions
- These contests give students a way to test their skills
- Opportunities to network, potentially meeting future employers

AWARDS

- Winners at the state and national levels can win medallions, scholarships, tools, leadership development materials & other awards
- Offering \$1 million in scholarships annually
- Every year at the national level a very select few are chosen to compete internationally

Annual Dues: \$15 per student
Additional information available from instructors

INTERNSHIPS

WHAT IT IS ALL ABOUT

- Consists of on-the-job training for professional careers in the EACC program you choose
- Exchange experiences between the student and employer
- Determine if you have an interest in a particular career
- Find permanent, paid employment with the companies in which they interned
- May be paid or non-paid depending on the company policies

AWARDS & SCHOLARSHIPS

ANNUAL AWARDS

- The top Michigan CTE students are recognized by Lewis Cass Intermediate School District with a possibility of scholarship money
- Teachers Choice Award: nominated by their EACC instructor, because they have proven themselves in an extraordinary way

ANNUAL SCHOLARSHIPS

- Shane Miller Memorial Scholarship
- Larry Carroll Memorial Scholarship
- Basil S. (Ethel L.) Turner Scholarship
- And many others.

Deadlines and requirements may vary

It is the policy of the Elkhart Community School Corporation not to discriminate on the basis of race, color, religion, gender, veteran status, national origin, age, limited English proficiency, or disability in its programs or employment policies as required by the Indiana Civil Rights Law (I.C.22-9-1), Title VI (Civil Rights Act of 1964), the Equal Pay Act of 1973, Title IX (Educational Amendments), and Section 504 (Rehabilitation Act of 1973). Questions concerning compliance with these laws should be directed to the Executive Director of the Elkhart Area Career Center.

OUR BUSINESS PARTNERS

1st Source Bank
 ADEC
 Advanced Imaging
 Airgas USA
 Alexander Dennis
 Always Best Care
 Ameri-Kart Corp
 American Hauler
 Ancon Construction
 Appletree Learning Center
 Ascendant Orthopedic Alliance
 Ashley Ward
 Ashley Ward/FiTech
 AutoCorrect Body Shop
 AYES
 B&B Industries
 Bailhome Services & Construction
 Bane-Welker Equipment, LLC
 Beacon Health Systems
 Beacon Home Care
 Bearcat
 Benteler Automotive
 Better Way Partners
 Better Way Products (div. of Patrick Industries)
 Better World Books
 Bricklayers Apprenticeship Program
 Bristol Fire Department
 C&C Distributors
 Cajun Home Improvements
 Calvary Preschool
 Career Analysis
 Carpenter Company
 CARSTAR Tyler Collision
 Center for Animal Health
 Center for Hospice Care
 Century Foam
 Ceres Solutions
 Champagne Metals
 Choice 1 Communications
 Chubby Trout
 Church Plumbing & Heating
 City of Elkhart Parks & Recreation
 City of Elkhart Street Dept.
 Classic Communications, Inc.
 Cleer Vision
 Cleveland Fire Department
 Clover Machinery Movers
 Coach Glass
 Coachmen RV (Division of Forest River)
 Concord Fire/EMS
 Cornerstone Christian Montessori School
 Courtyard Healthcare Center
 Crane Composites

Crossroad's Food Animal Veterinary Service
 Cummins
 D&W Incorporated
 Daman Products
 Days Corporation
 Dec-O-Art
 Dexter Axle
 Discount Tire
 Dometic
 DJ Construction
 Dr. Emily Stout Dentistry
 Drive and Shine
 Dynamic Aerospace & Defense
 Dynamic Metals
 Early Childhood Alliance
 Eby Ford
 Elkhart Brass
 Elkhart Chamber of Commerce
 Elkhart Childcare
 Elkhart City Fire Department
 Elkhart City Police Department
 Elkhart County Emergency Mgmt
 Elkhart County Sheriff
 Elkhart County Sheriff / Crime Lab
 Elkhart Development Corp. - EDC
 Elkhart Emergency Physicians
 Elkhart Environmental Center
 Elkhart Fire Department
 Elkhart General Emergency Dept
 Elkhart General Healthcare
 Elkhart Indian Motorcycle
 Elkhart Oral & Maxillofacial Surgery
 Elmer's Body Shop
 Elwood Staffing
 Emergency Communication Center
 Emerson Design Studio
 Essenhous
 Exacto Inc. of South Bend
 Express Employment Professionals
 Angel Automotive
 Fat Cam's at Garver Lake
 Fedore Veterinary Clinic
 Feed the Children
 Firefly Home Care
 First Choice Auto & Tire
 First Response DRS
 First State Bank
 Flexco
 FM Construction
 Foamcraft Inc.
 Forest River Inc.
 Foundations Child Care
 Four Winds Casino

Furion USA
 G4 Tool & Technology
 Gates Automotive
 GDC Corp
 Genesis Products
 Glass Doctor
 Goodwill
 Goshen Animal Clinic
 Goshen City Fire
 Goshen Health
 Goshen Stamping
 Granger Community Church
 Great Clips
 Greencroft
 Greencroft Goshen
 Greenmark Equipment
 Growing Kids
 Guardian Angel Daycare
 Gurley Leep Automotive
 Hair Crafters
 Happy Tails
 Harold Zeigler Ford
 Hartnett Animal Hospital
 Heart City Health
 Heartland RV
 Hill Truck Sales
 Home Instead
 HR Collaboration Group
 Hull Lift Truck
 Humane Society Elkhart County
 IMKO Workforce Solutions
 IN/KY/OH Regional Council of Carpenters
 Indiana Army National Guard
 International Cranes
 INTRATECH
 JAJ Enterprises
 Jayco Corp
 Jessen Mfg. Inc.
 Jim Stone's Service
 Jordan Automotive
 JP Gillen & Associates
 KemKrest
 Kessington, LLC
 Key Element Innovation Engineering
 Keyline Sales, Inc.
 Keystone/Dutchmen
 KiK Custom Products
 Kingman Mobile Storage
 Kobelco Compressors
 Koorsen Fire & Security
 Kopf Truck Leasing
 Kryder's Lawnmower Sales
 Lakeland Animal Care

LaSalle Bristol
 LeMaster Steel
 LGLK - Lower Great Lakes Kenworth, Inc.
 Lift & Move USA
 Lincoln Electric
 Lippert Components
 Lithotone
 Little Saints Daycare
 Loader Parts Source
 Lochmandy Motors
 Lowe's
 Lozier Corporation
 Lycro Products
 Mahoney Family Dentistry
 Manchester Tank
 Maple City Collision Services
 MapleTronics
 Marbach Tooling
 Martin's Supermarket
 Master Automotive
 MasterBrand Cabinets
 Maxim Healthcare Services
 McCormick Motors
 MDC Goldenrod
 Medallion Plastics
 Meijer
 Menards
 Mid City Supply
 Mid-States Construction
 Midwest Orthotics
 Miller's Health Systems
 Monogram Comfort Foods
 Monteith Tire
 Morrison Industrial Equipment
 MORryde International
 MVP - Magnum Venus Products
 Nappanee EMS
 Nappanee Fire Department
 Nappanee Police Department
 NIBCO
 North End Cycle
 North Side Auto Parts
 North Woods Village Memory Care
 Nuway Construction
 O'Reilly Auto Parts
 Oakland Auto Tech
 ODIZ Safety LLC
 Olive Garden
 Orion Lighting Solutions
 Osolo Township Fire Department
 Overhead Door
 PalletOne

Paragon Home Health Care
 Patrick Industries
 Penske
 Performance Car Star Collision
 PerMar Security Services
 Perry Automotive
 Phisz Design
 Pilkington North America
 Premier Nursing
 Premium Concrete Services, Inc.
 Prime Time Mfg (division of Forest River)
 Pro Resources
 Pro Services
 Proforma
 Quality Import Service
 Quality Plastics and Engineering
 Rainbow Lake Construction
 Regal Mold and Die
 Reschcor
 Residence at Waterford
 Rieth Riley
 Riggs Outdoor Power
 Rollie Williams Paint
 Salem Pre-school
 Sam's Club
 SAS Tire & Auto Service
 Satellite Industries
 SB & Vicinity Electrical Joint Apprenticeship & Training
 Schafer Industries
 Selking International Trucks
 Senior1Care
 Sergio Corp
 Serim Research Corporation
 Sherwin-Williams/Geocel
 Siemens Corporation
 Signature Lanes
 Smoker Craft Inc.
 Snap-on Tools
 Specialized Staffing
 Speedgrip Chuck Co
 Speedway LLC
 Spherion Staffing
 St. Joseph Health System
 Star Tool & Die, Inc.
 State-wide Windows
 StoneRidge Landscaping Inc.
 Stoutco, Inc.
 Superior Air Mgmt. Systems
 TaigMarks
 TCU
 Technical Professional Group, LLC
 Tekmodo

Tenneco
 The Graphics Factory
 The Salon by InStyle/Inside JCPenney
 The Vine
 Thor Motor Coach
 Thor Motor Coach RV
 Todd Allen Design
 Tom Naquin Chevrolet
 Tri-County Ambulance Service, Inc.
 Triangle Rubber & Plastics
 Trilogy Health Services
 Triple P
 Truck Accessories Group (TAG)
 Truck Centers, Inc.
 Tuscany - Elkhart
 UFP Granger, LLC #218
 US Air Force
 US Army
 US Cargo (Division of Forest River)
 US Marines
 US Navy
 Valley Screen Process
 Vision Machine Works
 Walmart Automotive Department
 Walnut Hill Early Childhood
 Weichert Realtors
 Welch Packaging
 Wellfield Botanic Gardens
 White Veterinary Hospital
 Wire Design
 WorkOne
 Worldwide Foam, LTD
 WVPE
 Wyatt Sales & Service
 Yard-n-Gard
 Zeeland Lumber & Supply
 Zeeland Truss & Components
 Ziegler Ford
 Zolman Tire

IMPORTANT

DATES

Subject to change

JANUARY 23, 2022

OPEN HOUSE

CHECK OUT OUR PROGRAMS FOR YOURSELF
(alternate date is Sunday January 30, 2022)

MARCH 11, 2022

PRE-ENROLLMENT APPLICATION DEADLINE

CLICK HERE!
To Apply

OR MAKE AN APPOINTMENT WITH YOUR
SCHOOL COUNSELOR

APRIL 4, 2022

STUDENT NOTIFICATION
START PREPARING FOR AN EXCITING CAREER
AFTER HIGH SCHOOL



ELKHART AREA
CAREER CENTER

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