

ELKHART AREA CAREER CENTER

2017-2018
COURSE
DESCRIPTION
GUIDE



DR. DAVE BENAK
DIRECTOR

Hello. We at the Elkhart Area Career Center (EACC) are proud to be a part of the larger community in Elkhart, St. Joseph, and Marshall Counties in Indiana and Cass County in Michigan and have been for about 40 years. We reach out to 16 area high schools and offer programs for students in 11th and 12th grades by offering 28 programs--almost all include college credit opportunities (mainly articulated through Ivy Tech and Vincennes, but most recently also with IUPUI) and/or industry recognized certifications.

All of our instructors are certified teachers in Indiana and come from business or industry and have multiple years experience in their fields as well as the necessary credentials to be highly qualified. We take pride in offering top notch curriculum that is rigorous and relevant to the needs of our local business and industry but also the global market. We literally have partnerships with hundreds of local business and industry leaders as well as community leaders through our advisory boards for every program, paid and unpaid internships, and other professional links and associations.

Our graduates are well educated and are taught the values and ethics needed on the job beyond the core skills. A high percentage of our students continue on in their educational pursuits and earn certifications and degrees to help them move up in their careers. The EACC is one of the best opportunities available for students in our region no matter what their eventual career and educational goals are. Ask any of our students what they feel they get out of their experience here, and they will tell you that they get a rigorous and relevant education that helps them master their tomorrows.

Dr. Dave Benak
Director Elkhart Area Career Center

WHY WAIT?

EARN COLLEGE CREDIT IN HIGH SCHOOL



COMMUNICATION/ARTS/MEDIA



CONSTRUCTION

Empowering
Today's Students
To Master Their
Tomorrows!



EARLY COLLEGE



PUBLIC SAFETY

PARTICIPATING SCHOOLS

Bremen	NorthWood
Concord	Penn
Elkhart Central	Edwardsburg
Elkhart Memorial	Bethany Christian
Goshen	Clinton Christian
Jimtown	Elkhart Christian
Mishawaka	Academy
Northridge	Mishawaka Marion



HEALTH OCCUPATIONS



HUMAN SERVICES

**ELKHART COUNTY, IN
ST. JOSEPH COUNTY, IN
MARSHALL COUNTY, IN
CASS COUNTY, MI**



TRANSPORTATION



MANUFACTURING/ENGINEERING



Courses OFFERED

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

If you are interested in any of our courses please talk to your guidance counselor.

AUDIO/VIDEO PRODUCTION 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: RADIO & TELEVISION I-5986)

- Students will gain working knowledge of the basic techniques, skills, and professional courtesy used in audio/video careers
- Students will focus on creating concepts, scripts, production, and editing audio/video using professional industry techniques and equipment

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: RADIO & TELEVISION II-5992)

- Familiarize students with the fundamental principles of radio program production, recording, editing, interviewing, & microphone techniques
- Students will get practical experience, in-field production, video editing, and live studio production
- Students will assist in the daily operations of closed-circuit TV channel 24 and an HD radio station
- Prerequisite: Audio/Video Production 1

CAREER FOCUS

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

Earn up to 9 college credits

1st year costs= \$80

2nd year costs= \$80

AUTOMATION & ROBOTICS 1& 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: INDUSTRIAL AUTOMATION & ROBOTICS I-5610)

- Hands-on engineering experience with industry training equipment used in flexible manufacturing
- Opportunity to construct large scale projects from concept to finished prototype that encompasses skills obtained through training (ie: a manned hovercraft, an automated drawbridge, an automated maglev vehicle, robotic, etc.)
- Potential to utilize classroom experience to intern with area businesses and manufacturers
- Troubleshooting automated systems, diagnosing problems, and designing solutions through the engineering process

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: INDUSTRIAL AUTOMATION & ROBOTICS II-5612)

- Design projects that integrate computers and machines to automate tasks (Mechatronics)
- Program industrial robot to complete tasks and perform quality checks
- Program PLC and Arduino
- Use of Lean Manufacturing principles to improve product quality
- Prerequisite: Automation & Robotics 1

CAREER FOCUS

- Students will be prepared to continue education at a 2 or 4-year post secondary institution in an engineering or engineering technology field, or moving into positions in the manufacturing and industrial fields

Earn up to 18 college credits

Certifications available

1st year costs= \$5

2nd year costs= \$20

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

*AUTOMOTIVE COLLISION REPAIR

COURSE OVERVIEW

(DOE COURSE: AUTOMOTIVE COLLISION REPAIR I-5514)

- 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

CAREER FOCUS

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

Open to Juniors and Seniors

Earn up to 14 college credits

Costs= \$80

*AUTOMOTIVE REFINISHING

COURSE OVERVIEW

(DOE COURSE: AUTOMOTIVE COLLISION REPAIR II-5544)

- 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

CAREER FOCUS

- Students will be prepared for immediate employment in the automotive refinishing industry, ASE certification, and/or further education

Open to Juniors and Seniors

Earn up to 14 college credits

Costs= \$80

AUTOMOTIVE SERVICE TECHNOLOGY 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: AUTOMOTIVE SERVICE TECHNOLOGY I-5510)

- Learn 21st century skills, preventative maintenance skills, suspension, brakes, basic electrical, & alignments
- Use a hands-on approach to analyze, diagnose, maintain, and repair basic and advanced automotive systems
- Compete for tools and scholarships in organizations like SkillsUSA and Hot Rodders of Tomorrow
- Earn the opportunity to 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

(DOE COURSE: AUTOMOTIVE SERVICE TECHNOLOGY II-5546)

- Experience entry-level apprenticeship skills in engine repair, engine management, fuel, ignition, electronic engine controls and sensors, and automotive business structure and management
- Apply what is learned on "live cars" performing 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 at local shops during school hours for pay
- Compete for scholarships and tools worth thousands of dollars with student organizations such as SkillsUSA
- Prerequisite: Automotive Service Technology 1

CAREER FOCUS

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

Earn up to 19 college credits

Certifications available

1st year costs= \$150

2nd year costs= \$125

CAD: COMPUTER AIDED DRAFTING & DESIGN 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: ARCHITECTURAL DRAFTING & DESIGN I-5640)

- Learn introduction to technical drafting
- Develop skills in architectural drafting
- Be introduced to 3D modeling software

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: ARCHITECTURAL DRAFTING & DESIGN II-5652)

- Create video game quality 3D solid models & animation
- Develop knowledge and skills in architectural and mechanical drafting
- Compete in regional, state, and national drafting competitions
- Gain real-world experience by working on projects for local companies and interview for positions in paid internships
- Learn to 3D print what you draw
- Prerequisite: CAD 1

CAREER FOCUS

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

Earn up to 3 college credits

Certifications available

1st year costs= \$30

2nd year costs= \$30

CNA PREPARATION

COURSE OVERVIEW

(DOE COURSE: HEALTH SCIENCE II-NURSING-5284)

- Utilizing standards set forth by the Indiana State Dept. of Health, students will deliver hands-on care in long-term nursing facilities to a primarily elderly population
- Upon completion of CNA requirements, students may experience an internship opportunity which utilizes their CNA skills
- Experience the world of the dementia patient while earning a Dementia Care Certification through Johns Hopkins University

CAREER FOCUS

- Students will be prepared to take part in the Indiana State CNA licensure exam as well as earn the opportunity to possess the nationally accredited Dementia Care Certification through Johns Hopkins University

Seniors Only

Earn up to 5 college credits

Certifications available

Costs: \$150 (includes clinical scrubs), CNA Exam = \$75

Regional Background check is required by law

COMMERCIAL PHOTOGRAPHY 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: COMMERCIAL PHOTOGRAPHY-5570)

- Introduction to the fundamentals of photography and lighting
- Students will 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

(DOE COURSE: GRAPHIC DESIGN & LAYOUT 5550)

- Students will practice creating content for use with interactive media
- Build a photography portfolio showcasing a diverse range of photography skills
- Students will be 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 6 college credits

Certifications available

1st year costs= \$150

2nd year costs= \$125

COMPUTER NETWORKING/ PC MAINTENANCE 1& 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: COMPUTER TECHNOLOGY SUPPORT I-5230)

- Build and troubleshoot PCs
- Install network cables and hardware in new construction
- Utilize internationally-recognized IT Essentials curriculum developed by the Cisco Networking Academy

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: NETWORKING II-SERVERS II-5257)

- 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

CAREER FOCUS

- Students will be prepared for CompTIA A+ and/or CCENT certifications, immediate employment as a computer/network technician, and/or further education

Earn up to 17 college credits

Certifications available

1st year costs= \$25

2nd year costs=\$0

Certifications \$95-\$135 each exam

CONSTRUCTION TRADES 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: CONSTRUCTION TRADES I-5580)

- Train in a lab with state-of-the art power tools and power equipment with highly skilled instructors and assistants totaling nearly 100 years of combined experience
- Covers every major construction career area: carpentry, residential wiring, residential plumbing, concrete, and many others

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: CONSTRUCTION TRADES II-5578)

- Completion of building a \$200,000 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

Earn up to 12 college credits

1st year costs= \$125 (uniforms and basic hand tools)

2nd year costs= \$50-70 (hard hats, uniform replacement)

*COSMETOLOGY 1& 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: COSMETOLOGY I-5802)

- 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**

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: COSMETOLOGY II-5806)

- 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 long

You must have your own transportation

Earn up to 30 college credits

Indiana Cosmetology License available

1st year costs= \$360 registration fee, \$175 for uniform & supplies

2nd year costs= \$25

CREATIVE LANDSCAPING 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: LANDSCAPE MANAGEMENT I-5136)

- Learn to identify species of plants
- Learn the common names and botanical names of plants
- Identify growth habits and differences of shade, ornamental, and evergreen trees and shrubs
- Identify and interpret health, safety and welfare standards

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: LANDSCAPE MANAGEMENT II-5137)

- Design and draft landscape plans
- Learn maintenance techniques for private landscapes, nurseries, or grounds, such as golf courses, athletic fields, or botanical gardens
- Identify bacteria, diseases and management of these problems
- Prerequisite: Creative Landscaping 1

CAREER FOCUS

- Students will be prepared to pursue further education to become a landscape designer or architect at a 2 or 4-year post secondary institution.

Earn up to 6 college credits

1st year costs= \$50

2nd year costs= \$50

CSI: CRIME SCENE INVESTIGATION

COURSE OVERVIEW

(DOE COURSE: CRIMINAL JUSTICE II ADVANCED-5824)

- Introduction to the investigation process and solution of crimes
- Specialized classroom and lab experiences based on skills used in CSI
- Develop skills to identify and secure a crime scene, sketch and document a crime scene, and collect and package evidence
- Categorize evidence such as fingerprints, tool marks, and DNA to solve a crime
- Train utilizing hands-on strategies collecting evidence and participating in crime scene investigations
- Interact with numerous law enforcement professionals whose specific knowledge and skills will provide insight into the day-to-day workings of a crime scene investigator

CAREER FOCUS

- Students will be prepared to pursue further education in the crime scene investigation field or a public safety/ military service career

Earn up to 9 college credits

Certifications available

Costs= \$75

CULINARY ARTS 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: CULINARY ART & HOSPITALITY I-5440)

- Hands-on training in a fully-equipped newly updated kitchen with professional chef instructor
- Gain work experience by preparing weekly restaurant meals and student sales
- Learn basic cook techniques and basic sanitation principles
- **Juniors Only**

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: CULINARY ART & HOSPITALITY II-5346)

- Work in a fully equipped baking lab and kitchen with a professional chef instructor
- Gain work experience by preparing product for catering and annual fundraising event
- Prepare foods from the different regions of the Americas and around the world
- Prerequisite: Culinary Arts 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 12 college credits

Certifications available

1st year costs= \$123

2nd year costs= \$50

DENTAL HEALTH CAREERS

COURSE OVERVIEW

(DOE COURSE: DENTAL HEALTH CAREERS-5203)

- 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 4 college credits

Earn up to 15 advanced placement credits

Certifications available

Costs: \$180

DIESEL SERVICE TECHNOLOGY 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: DIESEL SERVICE TECHNOLOGY I-5620)

- 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
- Compete for tools and scholarship money

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: DIESEL SERVICE TECHNOLOGY II-5624)

- 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
- 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 12 college credits

1st year costs= \$150

2nd year costs= \$50

*EARLY CHILDHOOD EDUCATION 1& 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: EARLY CHILDHOOD EDUCATION I-5412)

- Create lesson plan 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**

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: EARLY CHILDHOOD EDUCATION II-5406)

- Learn what it takes to be a childcare director and/or owner
- Prepare for CDA (Child Development Associate credential)
- Build health, safety and nutrition activities and environments for children 0-8 years
- Develop a professional portfolio with evidence of competency of work with young children
- Build a detailed analysis of human development from infancy through adulthood
- 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 18 college credits

Technical Certificate available

1st year costs= \$70 + uniform

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

* **EARLY COLLEGE: HEALTH CARE SPECIALIST 1 & 2**

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: HEALTH SCIENCE II SPECIAL TOPICS-5286)

- 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**

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: EMERGENCY MEDICAL SERVICES-5210)

- 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
- Complete the Emergency Medical Technician certification course
- Qualify to take the Certified EKG Technician Examination through National Healthcareer Association
- Become eligible to sit for The National Registry exam for EMT certification
- Prerequisite: Early College 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 30 college credits

Technical Certificate available

1st year costs= \$100+uniform pants and shoes

2nd year costs= \$100+uniform pants and shoes

EMT certification exam= \$75

CET exam= \$115

EMT: EMERGENCY MEDICAL TECHNICIAN

COURSE OVERVIEW

(DOE COURSE: EMERGENCY MEDICAL SERVICES-5210)

- 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**

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 7.5 college credits

Certifications available

Costs= \$100+uniform pants and shoes

FIREFIGHTING

COURSE OVERVIEW

(DOE COURSE: FIRE & RESCUE I-5820)

- Classroom and hands-on experience with course completion state certification
- Develop specialized skills applicable to those used in today's fire service
- Interact with local career and volunteer firefighters from area departments
- Develop life-long life skills

CAREER FOCUS

- Students will be prepared for immediate employment as a fire fighter, further education, and/or entry into military service

Earn up to 9 college credits

Certifications available

Costs= \$ \$150 class fee; \$90 Uniform & Supplies

FLORAL DESIGN & EVENT PLANNING 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: HORTICULTURE SCIENCE I-5132)

- Students will learn basic design styles, theories, and trends to create dynamic floral designs
- Identify and safely utilize tools and mechanics used in floral shops
- Analyze and identify botanical names of flowers and foliage, used in the floral industry
- Understand and practice common design styles used in the floral industry

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: HORTICULTURE SCIENCE II/ LANDSCAPE MANAGEMENT II-5137)

- Build professional sales skills used to take orders and manage a floral shop
- Create beautiful casket sprays and incorporate ribbon items to personalize sympathy designs
- Design and create bouquets and reception arrangements using styles popular to the wedding industry
- Learn how event planners collaborate with vendors to design and decorate corporate events and weddings
- Prerequisite: Floral Design & Event Planning 1

CAREER FOCUS

- Students will be prepared for employment as an entry-level floral designer, nursery manager, or event planning or continue education at a 2 or 4-year post secondary institution

Certifications available

1st year costs= \$50

2nd year costs= \$75

GRAPHIC DESIGN 1&2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: GRAPHIC DESIGN & LAYOUT-5550)

- 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 layouts for posters, magazine covers, logos, billboards, editorials, 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

(DOE COURSE: GRAPHIC IMAGING & TECHNOLOGY-5572)

- Create professional multi-page graphic designs such postcards, greeting cards, brochures, calendars, and more
- Explore animated web banners 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

1st year costs= \$28.75

2nd year costs= \$0

Art competition entry fees \$5-\$25 per entry

INTRODUCTION TO HEALTH CAREERS

COURSE OVERVIEW

(DOE COURSE: HEALTH SCIENCE EDUCATION I-5282)

- Participate in hands-on lab experiences with an emphasis on several types of health careers
- Job interview and professional development training
- Diversity and various health and wellness concepts discussed
- Develop understanding of multiple career focuses with basic skill training
- **Juniors Only**

CAREER FOCUS

- Students will be prepared to concentrate on one health related career path leading into a senior-level program

Earn up to 6 college credits

Certifications available

Costs=Lab Fee \$75; Scrubs approx. \$50

*LAW ENFORCEMENT

COURSE OVERVIEW

(DOE COURSE: CRIMINAL JUSTICE I-5822)

- Develop specialized classroom training and hands-on skills which are used in the law enforcement, corrections, and public safety fields
- Experience fundamental training based upon the ILEA (Indiana Law Enforcement Academy), which provides a foundation for societies' expectations of public safety professionals
- Acquire core skills including patrol tactics, criminal and traffic laws, traffic violations, and parking enforcement. In addition, hands-on training in arrest procedures, person searches, and building/vehicle searches will be conducted
- Integrate numerous public safety professionals (both current & retired) into curriculum to provide an excellent knowledge base for students

CAREER FOCUS

- Students will be prepared for further education at a college of their choice, or entry into the public safety / military service fields

Earn up to 3 college credits

Certifications available

Costs=\$75

*MACHINE SHOP 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: PRECISION MACHINING I-5782)

- Operate manual machines, lathes, mills, and surface grinders
- Real-world experience working on projects for the school and local companies/organizations
- Seven (7) NIMS certifications
- Hands-on training in a fully equipped machine shop with the latest equipment
- Polytechnic program

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: PRECISION MACHINING II-5784)

- Utilize the newest CNC mills, CNC lathe, CNC plasma cutter, and 3D printer
- Paid internships
- Seven (7) NIMS certifications
- Prerequisite: Machine Shop 1

CAREER FOCUS

- Students will be prepared for a job in the machining field with CNC programming/operation experience and/or further education in the engineering field or apprenticeship programs

Earn up to 12 college credits

Certifications available

1st year costs= \$0

2nd year costs= \$0

MEDICAL ASSISTING 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: HEALTH SCIENCE EDUCATION I-5282)

- Perform life-saving CPR and first aid procedures at the professional health care level
- Successfully draw blood (phlebotomy) and perform ECGs (electrocardiograms)
- Practice a variety of medical assisting skills to prepare for a career in a physician's office or clinic
- **Open to Juniors and Seniors (do not need to commit to 2 years)**

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: HEALTH SCIENCE II-SPECIAL TOPICS-5286)

- Learn advanced medical assisting skills
- 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 3 college credits

Certifications available

1st year costs=\$40 lab fee, scrub uniform, clinic shoes & watch

2nd year costs= \$50 lab fee

Seniors who qualify for internships will need TB test, flu shot, and background history check

MOTORCYCLE/ OUTDOOR POWER TECHNOLOGY 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: RECREATIONAL & MOBILE EQUIPMENT I-5842)

- Develop essential core skills required to prepare for a career in small engine and motorcycle repair
- Experience and apply shop safety and customer service skills
- Earn tools and scholarship money through involvement in student organizations 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

(DOE COURSE: RECREATIONAL & MOBILE EQUIPMENT II-5844)

- Analyze, diagnose, and repair equipment for individuals in the community, working on real-world projects
- Participate in high-level paid internships with local companies
- Continue to earn scholarships and prizes with student organizations
- Prerequisite: Motorcycle/Outdoor Power Technology 1

CAREER FOCUS

- Students will be prepared for immediate employment in small engines and motorcycle repair and/or further education

Earn up to 9 college credits

Certifications available

1st year costs=\$80

2nd year costs= \$30

VETERINARY CAREERS 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: VETERINARY CAREERS I-5211)

- 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, and preparing examination rooms for veterinarians
- Students will be introduced to post-secondary opportunities in veterinary science

COURSE OVERVIEW: 2ND YEAR

(DOE COURSE: VETERINARY CAREERS II-5212)

- 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 3 college credits

1st year costs=\$45 lab fees

2nd year costs= \$45 lab fees

*WELDING 1 & 2

COURSE OVERVIEW: 1ST YEAR

(DOE COURSE: WELDING TECHNOLOGY I-5776)

- 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

(DOE COURSE: WELDING TECHNOLOGY II-5778)

- 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 9 college credits

Certifications available

1st year costs=\$60

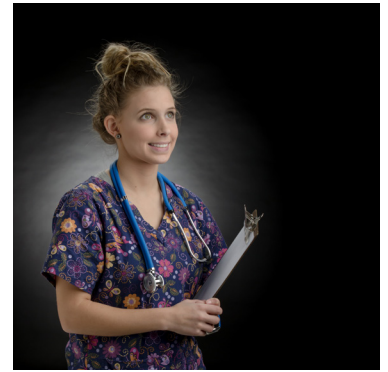
2nd year costs= \$0

OUR BUSINESS PARTNERS

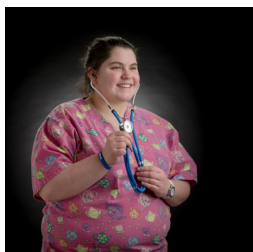
Acruity Business Consulting
Adult Education/EACC
All American Group
Ancon Construction
Animan Aid Clinic South
A-One Sign & Graphics
Arbor Industries
Basney Imports
Battjes Pontiac Inc
Beardsley Cementary
Bennington Marine
Berkshire Hathaway
Bethel College of Nursing
BMG - Wakarusa
Bristol Bugle Newspaper
Bud's Body Shop
Builders' Association of Elkhart Cty
Bureau of Apprenticeship & Training
C & C Distributors Inc
C & C Distributors Inc
Calvary UM Pre-School
CAPS
Career Analysis Organization of America
Cass Outdoor & Equipment
Center for Hospice Care
Chandler Sales & Service
Cheveux
Chubby Trout
Classic Image Photography
Compassionate Caregivers
Concord Fire / EMS
Connectivity & Technology
Conn-Selmer Inc
Council on Aging of Elkhart County
Crown International
CTS Corporation/Automotive Prod
DaKan Graphics
Days Distribution
Dec-O-Art
Die-Rite Machine & Tool
Diversity Champion
DLZ Corporation
Don's Printing
Downie Chrysler
Downie Chrysler
Dura Automotive Systems
Dynamic Metals LLC
Eagle Mold & Tool
Early Childhood Alliance
Eaton Leonard Tool Inc
Eby Ford Lincoln-Mercury
Education Coordinator Early Childhood Alliance
Elkhart Brass
Elkhart Child Dev Center
Elkhart City Fire Dept
Elkhart County Council
Elkhart County Sheriff's Dept
Elkhart Emergency Physicians
Elkhart General Home Care
Elkhart General Hospital
Elkhart Radiator
Elmer's Body Shop
Emergency Communication Center
Emerson Design Studio
Fastenal
Feast Banquets & Catering
G.M. Homes
G.W. Berkheimer Co., Inc.
Gardner's Outdoor Power
Gary Webb Art Services
Gates Chevy World Inc
Gates of South Bend
Golden Living Center
Goodwill Auto Group
Goshen College

Goshen Farm & Lawn Center
Goshen High School
Great Clips for Hair
Greencroft Healthcare
Grieser Consulting & Development
Growing Kids Learning Center
Gurley-Leep GM Giant
Gurley-Leep Imports Collision Express
H.E. Long
Hair Crafters Salon
Harold Zeigler Ford/Mercury
Hart Plastics
Hawkins Water Tech
Head Start
Heart City Automotive
Heart City Toyota
Helman Sechrist Architecture
Heraeus Kulzer Dental
Homan Lumber Mart
Horizon Education Alliance
IBD Connection Inc
Images of You
IN/KY/OH Regional
Council of Carpenters Joint Apprenticeship and Training
Indiana Engine
IUSB-Rachlin School of the Arts
Ivy Tech Community College
Ivy Tech Community College
J C Penney Beauty Salon
Jefferson Elementary School
Jim Stone's Service
Jordan Automotive
Jordan Automotive
Keystone RV Company
Kingdom Kids Day Care
Ministry
Knollwood Country Club
Kobelco Compressors Mfg
IN, Inc
Kruis Mold & Engineering
Kryders Lawnmower
Lake City Bank
LaSalle Bristol
Lefever Plumbing & Heating
Lewis Cass Intermediate School District
Lincoln Electric Co
Lochmandy Motors
Lock Trailers
Lycro Products Co Inc
Manchester Tank
Mane Event Hair Salon
Marie P Debartolo Center for the Performing Arts
Martin's Supermarket
Master Automotive
Matzke Florist
Max Meyer Motors
Memorial Home Care
Mennonite Mutual Aid
Michiana Wholesale
Mid-City Supply, Inc.
Miller's Merry Manor
Mishawaka High School
Mishawaka Sheet Metal
Montessori School of Elkhart
Moore's Service & Towing
Morrison Industrial
Mor-Ryde International
My PreSchool
Nappanee EMS
Nappanee Police Dept
Natural Impressions
NE Design & Photography
Nexus RV
Northeast Indiana First Steps
O'Brien Realty
Office Supervisor, BMG

Omega Plastics
PACE/EACC
Penn-Harris-Madison Schools
Performance Car Star Collision
Phisz Design
Pinewood Elementary School
Plumbers & Steamfitters LU
166 JATC
PNC Financial Services Group
Premium Concrete
Printers Plus
Pro Motor Service
Quality Import Services
Red Lobster
Re-Imaging Technical Services
Rink Printing
Ruthmere Museum
Salon 6
Salon Rouge
Sanctuary at St. Paul's
Sandvik Coromant Co
SB & Vicinity Electrical Joint
Apprentice Coordinator
Screen Graphix Screen Printing
Select Tool & Engineering
Sergio Corporation
Shreiner & Sons, Inc.
Sibley Machine & Foundry Corp
Simply Signs & Banners
Sorg Dodge
South Bend and Vicinity
Electrical Joint Apprenticeship and Training Committee
Southwestern Michigan College
Southwestern Michigan College
Star Tool & Die
State Farm Insurance
State Farm Insurance
Studebaker National Museum
Studio Line Productions
Superior Body Works/CarStar
Superior Tool & Die
Swann Contracting, Inc.
Taig Marks Inc
Tenneco Automotive/Walker Mfg
The Art of Design
The Collision Center
The Elkhart Truth
The Fringe
The Graphics Factory
The Marty Juel Company
The Overhead Door Company
The Print Shop
The Tire Rack
Todd Allen Design
Tom Naquin Chevrolet
T-Productions
United Way of Elkhart County
Valley Screen Process Co Inc
Valmont Industries Inc
Villing & Company
Walnut Hill Early Childhood Center
Welch Packaging
Wellfield Gardens
WNDU-TV
WNIT Public Television
Woodie's Electric
Woodland Elementary School
Work One
WSBT-TV
WSJV-TV-FOX 28
WVPE Public Radio
WVUT, WVUB, WFML
Wyland Mariana
Zolman Tire



AC



ADEMICS

In addition to the courses offered at the Elkhart Area Career Center, students can also enroll in one of our college-level academic classes. Students can earn free college credit in either College Algebra or College English. Students meet twice a week for 45 minutes during the entire school year.

COLLEGE ALGEBRA (MATH136)

COURSE OVERVIEW

- Earn three college-level math credits that will transfer to a 2-year or 4-year post secondary institution
- Earn one high school math credit OR one high school quantitative reasoning credit
- An in-depth study of college level Algebra
- Topics include operations with functions, quadratics, radicals and rational equations
- Year-long course taught by an Ivy Tech Adjunct faculty member
- Small classes provide individual attention

HOW TO APPLY

• **Prerequisites:** Must be attending the EACC as a student in one of the program courses, have completed Algebra II with a C or better, and have passed a standardized mathematics test with one of the following scores:

Accuplacer 74 (Elementary Algebra)
ACT 24
PSAT 27
SAT 520

If needed, the EACC will administer the Accuplacer test.

COLLEGE ENGLISH (ENG111)

COURSE OVERVIEW

- Earn three college-level English credits that will transfer to a 2-year or 4-year post-secondary institution
- Earn two high-school English credits
- Develop abilities to think, organize, and express ideas clearly and effectively in writing
- Write a research paper
- Develop critical reading and thinking skills
- Year-long course taught by an Ivy Tech Adjunct faculty member and meets twice a week
- Small classes provide individual attention

HOW TO APPLY

• **Prerequisites:** Must be attending the EACC as a student in one of the program courses and have passed a standardized test with one of the following scores:

<u>Writing</u>	<u>Reading</u>
Accuplacer 80 (Sentence Skills)	Accuplacer 76
ACT English 17	ACT 18
PSAT 26	PSAT 25
SAT 460	SAT 460

If needed, the EACC will administer the Accuplacer test.

OPPORTU

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 see that deserving career technical education students be recognized and that the local community becomes aware of the talents and abilities of the people who choose career technical education as a pathway to a successful future

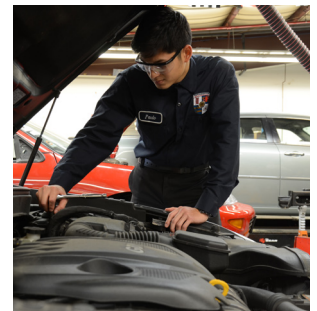
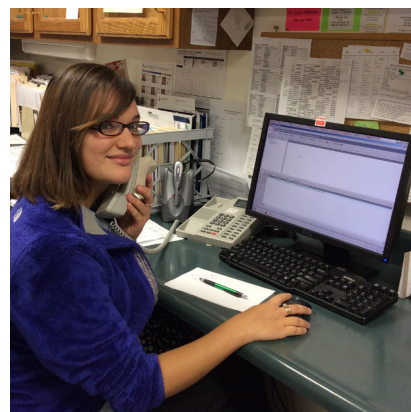
HOW TO APPLY

- Students are nominated by their instructors and 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

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
- Used to determine if you have an interest in a particular career and to gain high school credit towards the Technical Honors diploma
- Find permanent, paid employment with the companies in which they interned
- May be paid or non-paid depending on the company policies



NITIES

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 and state 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

AWARDS & SCHOLARSHIPS

ANNUAL AWARDS

- CTE Award for Excellence: one of the most prestigious awards for career/technical education students in the state of Indiana. Only 10 awards are given annually.
- 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



Important DATES

OPEN HOUSE

CHECK OUT OUR PROGRAMS FOR YOURSELF

- Sunday, January 22, 2017 (alternate date is Sunday, January 29, 2017)

APPLICATION DEADLINE

MAKE AN APPOINTMENT WITH YOUR GUIDANCE COUNSELOR

- Friday, March 17, 2017

STUDENT NOTIFICATION

START PREPARING FOR AN EXCITING CAREER AFTER HIGH SCHOOL

- Friday, May 5, 2017



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