



# CAREER CENTER

## 2020-2021 PROGRAM OFFERINGS

[jelcc.com](http://jelcc.com)



## Advanced Manufacturing Technology

Learn the skills and technology needed to launch a career in engineering, manufacturing, or logistics.

- Dual Credit: Ivy Tech (1st year, 6 credits) MPRO100, MPRO106  
Ivy Tech (2nd year, 9 credits) MPRO122, MPRO102, MPRO201
- Certifications: APICS Logistics, APICS Operations, MSSC Safety, MSSC Quality, Ivy Tech White Belt

**Create** computer generated designs with industry leading software using engineering principles.

**Utilize** 3D printer, laser engravers, and computer controlled machinery to produce professional products that meet customer expectations.

**Apply** technology to develop products and manage storage and distribution.

*Job Opportunities: Engineer, CNC Machinist, Drafting Technician*

## Animation & Film Production

Develop the foundation of filmmaking and animation through hands-on production.

- Dual Credit: Vincennes (1st year, 9 credits) BCST102, BCST120, BCST206  
Vincennes (2nd year, 3 credits) BCST140\*
- Certification: Adobe Certified Associate - Adobe Premiere

**Learn** the essential principles and processes of producing films and animations.

**Apply** cinematography, writing, and editing skills to create films and let your voice be heard.

**Explore** the principles of animation and the software used to create it to find your unique style.

*Job Opportunities: Cinematographer, Video Editor, Producer, Screen Writer, Animator*

## Automotive Collision Repair & Refinishing

Prepare students for an entry level or beyond career in the automotive industry.

- Dual Credit: Vincennes (14 credits) BODY100, BODY100L, BODY150, BODY150L
- Certifications: ASE Student Certifications, SP2 Certificates: Collision Safety, Collision Pollution Prevention

**Learn** how to repair, paint, and refinish vehicles.

**Develop** hands-on skills and knowledge of the automotive industry while earning college credits.

**Explore** college and career opportunities in the automotive industry.

*Job Opportunities: Auto/Truck Collision Repair, Paint Facilities*

## Automotive Maintenance & Detailing

Learn basic automotive repair, professional detailing and customization in order to prepare for automotive industry jobs.

- Dual Credit: Ivy Tech (3 credits) AUTI100
- Certifications: Training & Skills Competency Guarantee, Mechanical Pollution Prevention & Mechanical Safety, Valvoline Motor Oil Basics, ASE Student Certifications

**Develop** professional skills by practicing and following industry protocol.

**Utilize** acquired knowledge to detail and repair automobiles.

**Create** opportunities for students in internships and Work Based Learning.

*Job Opportunities: Quick Lube Shops, Brake and Muffler Shops, Dealerships*

## Automotive Service Technology

Develop the knowledge and skills necessary to successfully diagnose and repair today's technically advanced vehicles.

- Dual Credit: Ivy Tech (1st year, 6 credits) AUTI100, AUTI141  
Ivy Tech (2nd year, 6 credits) AUTI121, AUTI122
- Certifications: Shipping Hazardous Materials, Mechanical Pollution Prevention & Mechanical Safety, Valvoline Motor Oil Basics & Training Skills Competency Guarantee, ASE Student Certification, WIN SoftSkills Certification

**Learn** proper procedures for diagnosing and repairing automobiles.

**Perform** basic repairs and maintenance on many different automotive systems.

**Explore** career paths in the automotive industry.

*Job Opportunities: Auto Garages, Dealerships, Quick Lube Shops, Tire Shops*

## Cosmetology

**Locations:** JELCC, Freestyle (Lebanon)

Develop the skills needed to be an Indiana state licensed Cosmetologist.

- Dual Credit: Vincennes (1st year, 14 credits) COSM100\*, COSM150  
Vincennes (2nd year, 16 credits) COSM200, COSM250
- Certification: State of Indiana License

**Learn** basic fundamentals in hair design, nail technology, and skin care.

**Apply** techniques on mannequins and customers from our walk-in salon.

**Develop** leadership skills through participation in SkillsUSA.

*Job Opportunities: Licensed Cosmetologist, Barbershop, Beauty Salon  
Kit fee and uniform: approximately \$600*

## Culinary Arts Careers

Develop foundations of Culinary and Hospitality careers for students.

- Dual Credit: Ivy Tech (1st year, 2 credits) HOSP101\*  
Ivy Tech (2nd year, 3 credits) HOSP102\*
- Certification: Servsafe

**Apply** theory of Culinary Arts and Hospitality to real life careers.

**Explore** different career paths in the Culinary and Hospitality Industry.

**Experience** hands-on training in our student-run Light Café, which is open to the public.

*Job Opportunities: Chef, Kitchen Manager, Restaurant Manager, Catering, Dietician*

## Dental Careers

Develop the foundation for a career in Dentistry.

- Dual Credit: Ivy Tech (6 credits) DENT115, DENT124
- Certifications: DANB Infection Control, AHA BLS CPR Certification for Healthcare Providers, AED, National Entry Level Dental Assistant

**Establish** a thrilling and rewarding career in dentistry as a dental assistant and learn about the exciting job outlook for dental hygienists and dentists.

**Develop** the knowledge necessary to take the Dental Assisting National Board (DANB) Infection Control Exam and Radiation Health and Safety Exam.

**Combine** hands-on learning in the JEL Clinic and work based learning opportunities to reinforce job skills learned during the class.

*Job Opportunities: Dental Assistant, Office Manager, Dental Lab*

## Digital Designs & Advertising

Attention! Seeking creative students who want to experience hands-on learning. Learn how to combine your love of art and your future career goals.

- Dual Credit: Ivy Tech (6 credits) VISC102\*, VISC115\*
- Certification: Adobe Certified Associate (ACA)

**Design** graphics for logos, t-shirts, advertising, and promotional items, participate in design competitions, and work with real clients.

**Develop** an exciting and creative portfolio to advance your college and career opportunities as you incorporate a variety of visual art techniques while learning state-of-the-art computer software.

**Learn** from many guest speakers both in the industry and in postsecondary education to help you find a career pathway to follow.

*Job Opportunities: Graphic Designer, Advertising, Artist, Illustrator, Web Designer*

## Education Careers

Develop the foundation for employment in early childhood education and other child related careers.

- Dual Credit: Ivy Tech (1st year, 9 credits) ECED100\*, ECED101\*, ECED103\*
- Certification: CDA (Child Development Associate)

**Develop** and teach activities enhancing the pre-school age child's physical, emotional, social, and intellectual development.

**Acquire** hands-on experience by participating in an internship at a local child care center or elementary school.

**Explore** career opportunities in education to achieve a clear direction for post secondary education.

*Job Opportunities: Preschool Teacher, Elementary Teacher, Teaching Assistant, In-home Childcare Provider*

## Emergency Medical Technician (EMT)

Locations: JELCC, FHS, HSE

Develop the foundation for any career in healthcare.

- Dual Credit: Ivy Tech (16.5-22.5 credits) HSPS125, PARM102, HSPS102\*, HSPS120 (HLHS101\*, HLHS102\* availability varies by location)
- Certifications: AHA Healthcare Provider CPR, EMR, and Nationally Registered EMT (Must be 17 years old by May 1 the school year enrolled in the class to be eligible for certification)

**Apply** life saving skills practiced in class, on ambulance ride outs, and ER rotations.

**Perform** skills such as: airway management, splinting of fractured bones, actions to take during the respiratory emergency, CPR, and vital signs.

**Develop** leadership skills through participation in HOSA.

*Job Opportunities: EMT in the hospital or pre-hospital setting*

## Health Careers, CNA Prep

Locations: JELCC, FHS, HSE

Develop the foundation for any career in healthcare with an emphasis on nursing.

- Dual Credit: Ivy Tech (11 credits) HLHS100, HLHS107, HLHS113
- Certifications: Certified Nursing Assistant (CNA), AHA BLS CPR Certification for Healthcare Providers, AED

**Explore** various careers in the healthcare industry.

**Provide** hands-on nursing assistant skills to residents in a long-term care facility during clinical rotations.

**Develop** job readiness and leadership skills needed for a Healthcare professional through participation in clinicals and HOSA.

*Job Opportunities: Hospitals, home health and long term care facilities. Some nursing schools now require a CNA certification to be considered as a potential student.*

## Health Careers Exploration

Locations: JELCC, FHS, HSE

Develop a foundation of healthcare knowledge through an introduction to healthcare systems, careers, human anatomy and physiology, and medical terminology.

- Dual Credit: Ivy Tech (6-9 credits) HLHS100, HLHS101\* (HLHS102 availability varies by location)
- Certification: AHA BLS CPR Certification for Healthcare Providers

**Develop** and apply job seeking and maintenance skills in the healthcare industry.

**Explore** healthcare careers and identify future healthcare interests.

**Develop** leadership skills through participation in HOSA.

*Job Opportunities: Healthcare starter jobs*

## IT Pathways: Cyber Security, Networking, & Coding

Explore Information Technology including: Cyber Security, Networking, or Coding.

- Dual Credit: Ivy Tech (1st year, 15 credits) INFM109\*, ITSP135\*, NETI105\*, SDEV120\*, SDEV140\*  
Ivy Tech (2nd year, 3 credits) NETI115
- Certifications: CCENT, CLA, CCNA CyberOps, CompTIA Security

**Utilize** CISCO software and participate in hands-on activities.

**Immerse** yourself into projects related to authentic challenges and solutions found in current IT careers.

**Jumpstart** your college and career goals by earning dual credits and certifications.

*Job Opportunities: Computer Networking, Cyber Security, Web Development, Coding*

## Law Enforcement

Explore various professions in Law Enforcement, Corrections, and Security.

- Dual Credit: Vincennes (12 credits) LAWE100, LAWE101, LAWE145, LAWE150
- Certifications: CPR, AED, Basic First Aid, NIMS, FEMA

**Perform** tactical skills acquired using a state of the art firearms simulator.

**Apply** skills learned for defensive tactics, forensic photography, fingerprinting, participate in physical training & more!

**Learn** basic protocols of crime scene investigation and evidence collection.

*Job Opportunities: Law Enforcement Officer, Crime Scene Investigations, Corrections & Parole*

## Media Arts Production

NC News production - learn video and editing skills using Adobe software.

- Dual Credit: Vincennes (1st year, 6 credits) BCST102, BCST140
- Certification: Adobe Certified Associate - Adobe Premiere

**Perform** the NC News Show by fulfilling TV studio duties, such as on-camera anchor personality.

**Produce** client video projects; learn video camera and editing software operations.

**Learn** time management to meet deadlines and needs of clients for video product and studio recording session needs.

*Job Opportunities: Radio DJ, Radio Production, TV Camera Operator, Video Editor, News Producer, Videographer*

## Medical Assisting

Receive the college level education needed to prepare to take the national exam to become a Certified Clinical Medical Assistant.

- Dual Credit: Ivy Tech (2 hr class, 3 credits) HLHS100  
Ivy Tech (3 hr class, 9 credits) HLHS 100, HLHS101\*, HLHS 102\*
- Certifications: AHA BLS CPR Certification for Healthcare Providers, NCHSE (National Consortium for Health Science Education) Certification, Certified Clinical Medical Assisting (CCMA) national certification (student must earn their high school diploma within 12 months of successfully completing course and passing the CCMA exam.)

**Experience** what it means to work in a physicians office and apply skills learned when volunteering in clinical experiences.

**Perform** administrative and clinical skills, such as: performing vital signs, assisting with a physical exam, CPR/first aid, giving injections, drawing blood, surgical preparation and sterilization processes.

**Develop** leadership skills through participation in HOSA.

*Job Opportunities: Medical Offices, Clinics, Pharmacies, Nursing Homes*

## Music & Sound Production

Locations: JELCC, FHS

Develop the skills necessary for a career in audio and music production.

- Dual Credit: Vincennes (6 credits) BCST102, BCST120
- Certification: Avid Pro Tools

**Learn** how to properly record music and audio, while using industry-leading audio production software to mix projects.

**Experience** hand-on learning with audio production equipment and software.

**Explore** careers in the audio production field, and find out the steps needed to obtain them.

*Job Opportunities: Audio Engineer, Music Producer, Sound Designer, Live Sound Technician, Performer*

## Veterinary Careers

Prepare students for the science and field of Veterinary Medicine.

- Dual Credit: Ivy Tech (1st year, 6 credits) HLHS101\*, AGRI107  
Ivy Tech (2nd year, 3 credits) AGRI103

**Explore** the workings of the body of mammals by discovering the parts and how they work.

**Develop** the skills needed to work in a veterinary clinic as a veterinary assistant.

**Utilize** the knowledge you gain in medical terminology to speak the language of medicine within the veterinary world.

*Job Opportunities: Veterinary Assistant, Zoos, Diagnostic Labs*

## Welding

Locations: JELCC, HSE

Develop basic skills in the welding field.

- Dual Credit: Ivy Tech (1st year, 6 credits) WELD100, WELD108  
Ivy Tech (2nd year, 6 credits) WELD207, WELD208
- Certification: American Welding Society

**Utilize** basic welding skills.

**Perform** basic welding and cutting operations.

**Apply** blue print reading skills.

*Job Opportunities: Welding Shops, Manufacturing Plants*

## Work Based Learning

Prerequisite: 4 related CTE credits.

Experience your CTE Pathway through paid, on-the-job work experience.

**Develop** students' skill and knowledge in chosen career path and further their job readiness skills in a paid on-the-job experience.

**Apply** the concepts, skills, and dispositions learned in previous CTE pathway coursework in real world trade and industry settings while establishing a clear connection between school and work.

**Build** your resume and industry connections while improving your post graduation job opportunities.

## Dual Credit Classes

Enrollment in most JEL courses offers an opportunity for students to receive college credit as well as high school credit. This will save time and money because students won't have to take these classes in college.

The following are requirements for students to earn dual credit:

- Enrollment in the required dual credit institution.
- Successful completion of the course by earning at least a "C" grade for each semester.
- Courses marked with \* require students to pass Accuplacer, an entrance test.

**Check with program instructors for specific dual credit information.**

### Cost of dual credit classes:

**Ivy Tech:** No charge

**Vincennes:** Varies from no charge to \$25 per credit hour.

## Governor's Work Ethic Certificate

The employability skills recognized in the Governor's Work Ethic Certificate (GWEC) have been vetted by Indiana employers, community based organizations, and both K-12 and post-secondary education institutions and are designed to encourage students to meet the benchmarks that will assist them in their college or career goals.

In addition, GWEC is part of the Graduation Pathways alignment; earning the GWEC satisfies Work-Based Learning Experience requirement.



## Certifications

JELCC students have the opportunity to earn certifications in their classes, many of which are state recognized.

### What are the benefits of earning certifications?

- Build your resume
- Gain professional credibility
- Fulfill a requirement for Technical Honors Diploma
- Set yourself apart from your peers
- Gain knowledge and skills in your career pathway of choice

## National Technical Honor Society



JELCC students have the opportunity to join National Technical Honor Society (NTHS).

NTHS honors the achievements of leading CTE students, provides scholarships, and cultivates excellence in today's highly competitive, skilled workforce.

JELCC's NTHS program recognizes students who maintain a 3.0 cumulative GPA or higher, demonstrate leadership, participate in service learning, and exemplify honorable character.

## Career Technical Education & Youth Organizations



Career and Technical Student Organizations, commonly referred to as CTSOs, are youth organizations designed to support students in Career and Technical Education Programs.

CTSOs are considered an integral part of CTE; they help students develop the technical and leadership skills that will enable them to succeed in their career paths.

These youth organizations are a co-curricular part of the programs at JELCC.



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