

Advanced Manufacturing Technology

One or two years, 3 or 2 hours per day | Prerequisite: Algebra 1 or higher MPRO 100, 106, 122, 102, 201 (1st yr, 6 credits; 2nd yr, 9 credits)

Robotics, CNC Machining, 3D Printing, and more! Advanced Manufacturing Technology is designed to expose students to the skills needed in the growing fields of manufacturing and production. This program will prepare students for employment with prestigious companies by focusing on the subjects of manufacturing processes and production, three dimensional modeling and analysis, robotic applications, quality and continuous improvement practices, maintenance awareness, and safety.

Animation/Film Production

One or two years, 2 hours per day

Dual Credit: Vincennes (6credits) MCOM 102, MDIA 140

Certification: Final Cut Pro

Have you ever wondered how movies and animations are made? Then this 2-hour class is for you. You'll learn the basics of creating simple animations, the cinematography skills necessary to shoot films and the editing skills to put everything together into a complete project. This course will give you the skills necessary to produce your own films and animations, obtain an entry-level job or expand on your education in

Automotive Collision Repair Technology

One or two years, 3 or 2 hours per day

Dual Credit: Vincennes (14 credits) BODY100, BODY 100L, BODY 150, BODY 150LSP2 Certificates: Collision Safety, Collision Pollution Prevention, & Shipping Hazardous materials

Students study a wide range of processes, methods, and materials in keeping with the high-tech nature of today's automotive collision repair industry. State of the art equipment is used in this program. Students will also gain experience in custom painting techniques. We are a I-Car Alliance Training facility. *Job Opportunities: Auto/Truck Collision Repair/Paint Facilities*

Auto Maintenance/Detailing

One or two year, 2 or 3 hours per day

SP2 Certificates: Shipping Hazardous Materials, Mechanical Pollution Prevention & Mechanical Safety, Valvoline Motor Oil Basics Training & Skills Competency Guarantee

Students will learn how to professionally clean an automobile and prepare for auto detailing jobs available in the area. This course covers basic detailing, including the fundamentals of engine detailing, interior and exterior cleaning, and waxing and buffing techniques. Students will learn the proper use of chemicals and tools, and how to recognize auto problems, and estimate cost and time requirements. Students will explore minor auto repair, including engine performance, tires, brakes, automotive

Automotive Service Technology

One or two years, 3 hours per day

Dual Credit: Ivy Tech (1st yr, 3credits) AUTC100 (2nd yr, 6credits) AUTC109, AUTC127 SP2 Certificates: Shipping Hazardous Materials, Mechanical Pollution Prevention & Mechanical Safety, Valvoline Motor Oil Basics Training, Skills Competency Guarantee, Automotive Service Excellence Student Certification

Classroom and lab activities include instruction in the basics of automotive operation, service, and maintenance. The course is based on unit information starting at the lowest skill level and building to employment level. *Job Opportunities: Auto Dealerships, garages, etc.*

Computer Repair

One or two years, 2 or 3 hours per day

Dual Credit: Vincennes (6credits) CMET 140, CMET 185

Certification: CompTIAA+, Strata Network +

Students will study the set-up, testing, repair, and maintenance of computer hardware. Students will also study operating systems, application software, and how to build a computer. It is possible for the student to keep the computer made in class. *Job Opportunities: Computer Technician*

Cosmetology

Two years, 4 hours per day

Dual Credit: Vincennes (1st yr, 14 credits) COSM 100, COSM 150 (2nd yr, 16 credits) COSM 200, COSM 250 Certifications: State of Indiana License

Students can qualify for the Indiana State examination required for completion of this 1500 hr course. Theory and practice of facial massage, makeup, hair dressing, styling, and hair color are some of the areas covered in this class.

Culinary Arts

One or two years, 3 hours per day

Dual Credit: Ivy Tech (1st yr, 3 credits) HOSP 101 (2nd yr, 6 credits) HOSP 102, HOSP 114 Certifications: ProStart National Certificate

Students will spend the first year learning all the basics of cooking and the second year concentrating on such areas as international foods, baking and pastry, entrepreneurship, and hospitality. Students will have the opportunity to work in our restaurant. All students will have the opportunity to be Serv-Safe certified. Students can compete in various culinary competitions through our student CTOs.

Dental Assisting (Chairside/Lab)

One or two years, 3 hours per day

Dual Credit: Ivy Tech (1st yr, 4 crs) DENT 115 Certifications: DANB Infection Control, American Heart BLS (2nd yr, 5 crs) HLHS 1001, DENT 124 Certifications: DANB Radiation Health & Safety

Do you notice people's smiles? Do you want to be a part of a career that helps put smiles on people? A career as a dental assistant will provide you with a stable, respected job that can be obtained after your high school graduation and make you smile. Students will study dental anatomy, dental terminology, nutrition, and oral diseases. Skills will be developed in sterilization, operative procedures, radiographs, and patient management. Upon successful completion of the two year program, students will be qualified to take the state certification exam in radiology. *Job Opportunities: Dental Assistant, Office Manager, Dental Lab*

Digital Media Arts

One or two years, 2 hours per day

Dual Credit: Vincennes (6 credits) MCOM 102, MDIA 140

Certifications: Final Cut Pro

Media is an essential part of our world today, and we consume it in many forms—movies, music, television...even YouTube! Go behind the scenes in this course, learning all aspects of digital audio and video production. Apply what you learn by creating short films and music videos, having a voice as a DJ or sportscaster on our radio station (WJEL 89.3) and showcasing your work to others. You will use software that is currently used by radio, television, and film professionals. Our 17 audio/video recording bays, TV studio, radio station and state-of-the-art equipment will give you the advantage you need to be successful in college or start your career.

Early Childhood Education

One or two years, 3 hours per day | Recommended Prerequisite: Child Development or Advanced Child Development

Dual Credit: Ivy Tech (1st yr, 9credits) ECED 101, EDED 100, ECED 105 Certifications: Early Childhood Education Certificate (2nd yr, 3credits) ECED 105

Certifications: CDA (if exam is passed)
Students will develop a working knowledge of licensing regulations, nutrition, health, safety, and sanitation. In addition, they will learn to plan, develop, teach, and supervise activities enhancing the pre-school age child's physical, emotional, social, and intellectual development. Students will obtain hands on experience by volunteering in our on-site licensed child care center and participating in a yearly internship at a local child care center or elementary school. Second year students will work towards the CDA (Child Development Associate).

EMS, First Responder

One semester, 3 hours per day

Students will learn the skills to act in a time of emergency that could save someone's life. This semester course will teach skills such as airway management, splinting of fractured bones, actions to take in respiratory emergencies, Adult, Child & Infant CPR, and how to take blood pressures and vital signs. This course is introduction to EMT. Students may opt to continue for rest of year and get EMT certification. Upon successful completion of this class, students will be qualified to take the state certification exam.

Emergency Medical Technician

One year, 3 hours per day | Prerequisite: Senior or 17 years old by Nov. 1

Dual Credit: Ivy Tech (10.5 credits) PARM 012, PSAF 120

Certifications: Awareness, Community Emergence Response Vincennes (6credits) EMTB 212

Topics studied include: emergency first aid, analyzing different types of emergency situations, transporting patients, etc. Upon successful completion of this class, students will be qualified to take the state certification exam. *Job Opportunities: EMT-B*

Health Care Careers

One year, 3 hours per day

Dual Credit: Ivy Tech (8 credits) HLHS 100, HLHS 107

Certifications: Certified Nursing Assistant (CAN) BLS, CPR, AED

This program prepares students for a nursing assistant position in health care facilities and also provides an exploration of the various careers in the health care industry. Students can earn a CNA certificate if qualifying test is passed. *Job Opportunities: Hospitals, nursing homes*

Health Career Exploration:

HEALTH SCIENCE EDUCATION I (NEW OFFERING 2016-2017)

1 year, 2 hours per day | Recommended Grade Level: Grades 10, 11

Dual Credit: I (6 credits) Ivy Tech HLHS 100 & 101

Learn skills related to a range of health career topics: patient nursing care, dental care, animal care, medical laboratory, public health, an introduction to health care systems, anatomy, physiology, and medical terminology. Gain leadership skills developed through HOSA participation. Participate in lab experiences related to your career objectives. Job preparation and completion of the application process for admission into a post-secondary program of your choice are also included in this course.

Introduction to Pharmacology

One year program, 3 hours per day

Thinking about a career in Pharmacy? Successful completion of program will provide the necessary tools to become a Pharmacy Technician, and assist licensed Pharmacists in providing medication to patients. Learning about medications and their uses is also a great stepping stone to post-secondary schooling in all medical fields. Topics include therapeutic uses of medications, drug classifications, pharmacy language, dosage calculations, law and ethics, purchasing, inventory control, and record keeping. Hands on labs include data entry, reading and filling prescriptions in retail and inpatient settings, inventory practices, sterile procedures, and compounding. Students will be prepared to take the PTCB national certification exam upon completion. Must be 18 and get a Criminal Background Check to participate in second semester clinical practice.

Law Enforcement

One or two years, 3 hours per day

Dual Credit: Vincennes (12 credits) LAWE100, LAWE 106, LAWE 150, LAWE 160

Certifications: CPR, AED, Hazard Materials, Basic First Aid, National Incident Mgt.

This class is designed to provide the knowledge and skills necessary to enter the criminal justice field. Students will study the basic fundamentals of the criminal justice system and how they apply in today's society. The program consists of hands-on activities and requires the ability to participate in physical fitness activities. *Job Opportunities: Law Enforcement Officer, Crime Scene Investigations, Corrections & Parole*

Manicuring Program (Nail Tech)

1 year, 4 hours per day (3 credits per semester), 450 Clock hours

Do you have a love for nails? Are you creative? Then, the nail tech program may be just what you're looking for! Students will take the state license exam as part of graduating from this 450 hour program. Theory and practice of manicures, pedicures, sculptured nails, and overlays are just some of the areas covered in this program. An Indiana State License may be obtained after graduation once the student reaches the age of 18.

Medical Assisting

One year, 2 or 3 hours per day

Dual Credit: Ivy Tech (3credits) HLHS 100

Certifications: AHA BLS for Healthcare Providers

Students will explore health related disciplines and learn associated entry level skills for the medical office. Students will learn to assist in the performance of diagnostic procedures and physical examinations. Successful completion will result in CPR certification. Students will experience classroom instruction and practical hands-on experience in an actual medical facility if they choose the 3 hour option. Personal transportation to clinical site is REQUIRED for the 3 hour option.

Music/Sound Production

One or two years, 2 hours per day

Dual Credit: Vincennes (7credits) MCOM 102, MDIA 120

Certifications: Avid Audio/Music Pro Tools

This class combines the skills of digital audio recording and mixing with a student's love for music. Students will have an opportunity to help create music and mixes with instruments and software currently used in the recording industry. Students will also learn techniques for engineering and mixing live music performances. Projects will help students acquire skills in music composition, sound editing, sound mixing, and movie soundtrack creation. The class will organize, market, and produce a live concert as a semester project. Students will also have an opportunity to perform on WJEL radio as a personality or musician.

Veterinary Assisting

One or two years, 3 hours per day | Prerequisite: Biology or Enrolled in Biology

High School Science credit possible—see your Counselor

Dual Credit: Ivy Tech (3 credits) HLHS 101

Students will be introduced to the science and art of providing professional support to veterinarians. Students will be instructed in basic anatomy and physiology, medical terminology, and veterinary technician assisting skills. Students must have their own transportation. Students will have the option to earn an Advanced Life Science: Animals credit. *Job Opportunities: Veterinary Assistant, Zoos, etc.*

Visual Design and Advertising

One or two years, 2 or 3 hours

Dual Credit: Ivy Tech (6 credits) VISC 102, VISC 115

WARNING, this class is only for students who want to have fun while they learn.

Do you love art and want to make a career out of your talents? The class students will learn how to produce a design from the conception to the finished printed piece. A wide range of design projects will cover many skills and competencies that the industry requires, such as logos, business cards, booklets, calendar, self-portrait, product design and many of others. This program is designed to help train you for a career in art, teaching you the fundamentals of graphic design software like Illustrator, Photoshop and InDesign. A strong emphasis will be placed on development of ideas, problem-solving skills, and client presentations. Plus, this class is a huge stepping stone for any other art related field such as fashion designer, interior designer, art therapist, & photographer. *Job Opportunities: Graphic Designer, Digital Illustrator, & Freelance Artist.*

Web Design (Coding)

One or two years, 2 or 3 hours

Dual Credit: Ivy Tech (6 credits) VISC 102, VISC 115

Web Design

The Art of Coding! This class will teach students not just how to code but how to design a functional and well-developed websites. The course will introduce students to many design aspects such as drawing; color theory; typography; and design principles along with many software programs that will enhance their design abilities. This program is designed to help train you for a career in web design, teaching you the fundamentals of graphic design software like Illustrator, Photoshop and InDesign along with HTML and CSS, utilizing Dreamweaver to build fully functional websites. A heavy emphasis will be placed on development of ideas, problem-solving skills, and client presentations. *Job Opportunities: Web Designer; Graphic Designer; Freelance Artist*

Welding

One or two years, 2 or 3 hours per day

Dual Credit: Ivy Tech (1st yr, 3 crs) WELD 108 Certifications: American Welding Society, AWS SENSE (2nd yr, 3 crs) WELD 207, WELD 208

This class is designed to develop skills in stick, mig, and tig welding. Students will also use plasma arc cutters and band/cutoff saws. *Job Opportunities: Welding Shops, Manufacturing Plants*

Work Based Learning (WBL), Multiple Pathways

Prerequisite: Juniors & seniors only. Previous Career-Technical class credit highly recommended.

Students have the opportunity to apply the concepts, skills, and dispositions learned in previous CTE pathways coursework to real-world business and industry settings. Current career-related employment required. Reliable and valid transportation required.



CLASS OFFERINGS

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| Advanced Manufacturing Technology | Emergency Medical Technician |
| Animation/Film Production | Healthcare Careers |
| Automotive Collision Repair Technology | Health Careers Exploration |
| Auto Maintenance/Detailing | Introduction to Pharmacology |
| Automotive Service Technology | Law Enforcement |
| Computer Repair | Nail Technician |
| Cosmetology | Medical Assisting |
| Culinary Arts | Music/Sound Production |
| Dental Assisting | Veterinary Assisting |
| Digital Media Arts | Visual Design and Advertising |
| Early Childhood Education | Web Design |
| EMS First Responder | Welding |
| Work Based Learning | |



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