
J. EVERETT LIGHT CAREER CENTER

The following courses are offered at J. Everett Light Career Center
Transportation to J. Everett Light Center will be provided or students may drive.

J. Everett Light Career Center (11, 12) The Career Center provides vocational and technical training for juniors and seniors who are interested in preparing for a specific occupation. The student is enrolled in three or four regular courses at the high school and one course at the vocational school. The vocational school course is equivalent to two or three regular classes. All enrollments must be done when class selections are taken for the next school year. **Once enrolled in a vocational school, a student must complete the entire year.** Tuition for the Career Center is paid for by the school corporation. Buses will be provided, or the student can opt to drive. All courses are offered both AM and PM unless noted below.

ADVANCED MANUFACTURING TECHNOLOGY AND ENGINEERING (11, 12) One or two years, 3 or 2 hours per day

Prerequisite: Algebra 1 or higher. **Dual Credit:** Ivy Tech (1st year, 6 credits) MPRO 100, MPRO 106

Certifications: APICS Logistics, APICS Operations, MSSC Safety, Ivy Tech White Belt

Dual Credit: Ivy Tech (2nd year, 9 credits) MPRO 122, MPRO 102, MPRO 201

Certifications: MSSC Quality

Robotics, CNC Machining, 3D Printing, and more! Advanced Manufacturing Technology & Engineering 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. Software Used: AutoCAD, Inventor, Aspire, CatalystEX, Repetier, WinCNC. Job Opportunities: Engineer, CNC Machinist, Drafting Technician, Material Handling Specialist

***ANIMATION/FILM PRODUCTION (11, 12)** One or two years, 2 hours per day

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

Certification: Adobe Certified Associate - Adobe Premiere

Ever thought you might be the next Stephen Spielberg? Or maybe you dream of a career at Disney? If so, then signing up for this class is the right move for you! From script to screen, we'll cover all the skills you need to write, film, edit and debut your own short films. You'll also learn the basics of creating animations, from the principles to the process. After taking this class, you will have the skills you need to bring your creative ideas to life and prepare you for an entry-level job or college. Job Opportunities: Videographer, Editor, Producer, Writer, Animator

(JEL 301/302) AUTOMOTIVE COLLISION REPAIR AND REFINISHING (11, 12) One or two years, 2 or 3 hours per day

Dual Credit: Vincennes (14 credits) BODY 100, BODY 100L, BODY 150, BODY 150L

SP2 Certificates: Collision Safety, Collision Pollution Prevention

ASE Student Certifications: B2 Paint and Refinishing, B3 - Non-structural Analysis/Repair for Technology 1 and 2

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 an I-Car Alliance Training facility. Job Opportunities: Auto/Truck Collision Repair/Paint Facilities

AUTO MAINTENANCE/DETAILING (11, 12) One or two year, 2 or 3 hours per day

Certifications: 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 electricity, and minor exterior modifications and repairs, including sound system design and installation, window tinting and other vehicular customization. Job Opportunities: Quick Lube Shops, Brake and Muffler Shops, Dealerships

***AUTOMOTIVE SERVICE TECHNOLOGY (11, 12) One or two years, 3 hours per day**

Dual Credit: Ivy Tech (1st year, 3 credits) AUTC 100

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

Dual Credit: Ivy Tech (2nd year, 6 credits) AUTC 131, AUTC 141

Certifications: 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.

(JEL161/162 or 171/172) COSMETOLOGY (11, 12) Two years, 4 hours per day

Dual Credit: Vincennes (1st year, 14 credits) COSM 100*, COSM 150

Dual Credit: Vincennes (2nd year, 16 credits) COSM 200, COSM 250

Certifications: State of Indiana License

Social Security Number required for State License Exam

Kit cost of approximately \$525 and \$80 for uniform to be paid in full at time of orientation.

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

***CULINARY ARTS CAREERS (11, 12) One or two years, 3 hours per day**

Dual Credit: Ivy Tech (1st year, 1 credit) HOSP 101*

Certifications: Servsafe, ProStart National Certificate

Dual Credit: Ivy Tech (2nd year, 3 credits) HOSP 102

Students will spend the first year learning all the basics of cooking and the second year concentrating on 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 CTSO. Job Opportunities: Executive Chef, Pastry Chef, Sous Chef, Kitchen Manager, Line Cook, Cake Designer, Restaurant Manager, Catering, Dietician

***(JEL 181/182) DENTAL CAREERS (11, 12) One or two years, 3 hours per day**

Dual Credit: Ivy Tech (1st year, 4 credits) DENT 115

Certifications: DANB Infection Control, American Heart BLS

Dual Credit: Ivy Tech (2nd year, 5 credits) HLHS 101*, 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's faces? 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. Students will gain leadership skills developed through HOSA participation. Upon successful completion of the two year program, students may be qualified to take the state certification exam in radiology. Job Opportunities: Dental Assistant, Office Manager, Dental Lab

EMS, FIRST RESPONDER (11, 12) One semester, 3 hours per day

Dual Credit: Ivy Tech (3 credits) HSPS 120

Students will be able to perform the skills needed in a time of emergency that could save someone's life. During the fall semester, students will perform skills such as airway management, splinting of fractured bones, actions to take in a respiratory emergency, adult, child and infant CPR, and vital signs. Upon successful completion of this course, students will be eligible to take the spring semester of the EMT course. Students wishing to take the spring semester of the EMT program should be 17 years of age by the completion of the EMT course to be eligible to take the certification exam. Students successfully completing this EMR, First Responder course may opt to take the EMR certification exam to add to their portfolio. For more information about the EMT program, see below. Job Opportunities: Hospitals

GRAPHIC & WEB DESIGN (11, 12) One or two years, 2 or 3 hours per day

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

ATTENTION, this class is only for students who want to have fun while they learn and who are considering pursuing art as a career. Graphic & Web Design is the place to start for a future in any type of graphic or web career. Many companies seek designers that not only possess graphic design skills but who can also create websites. Whether a beginner or experienced in computer design, students who enjoy drawing or creating computer art will find this class rewarding.

No previous computer design or coding experience is necessary. Throughout the year students will build a portfolio for college and work placement. Monthly college and industry guest speakers visit and share up to date information. Students will design advertising and promotional materials including logos, corporate identity packages, T-shirts, CD booklets, menus, cereal boxes, plus many other projects. Students learn layout, illustration, and computer design techniques that will enable them to use a variety of software and create their own Web pages.

Students who are serious about design, and are organized, independent workers able to manage several different projects simultaneously will find this course beneficial. A strong emphasis will be placed on the development of design ideas, problem solving skills, client projects and presentation; along with memorization and note-taking skills. Every project you do will be skill based and help you build your portfolio and teach you industry standards. Job Opportunities: Graphic Designer, Advertising, Freelance Artist, Illustrator, Web Designer, Web Developer

(JEL481/482) LAW ENFORCEMENT (11, 12) One or two years, 3 periods per day. Dual Credit: Vincennes (12 credits) LAWE 100, LAWE 150, LAWE 160, LAWE 201

Certifications: CPR, AED, 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

MEDIA ARTS PRODUCTION

One or two years, 2 hours per day

Dual Credit: TBD

Certifications: TBD

Considering a career in Television, Radio or Video Production? Have you ever wondered what it takes to make your favorite television show, news program or sportscast come to life? If so, this hands-on class is for you! Learn essential, behind-the-scenes skills as you direct, produce, write and record videos for the Daily Announcements, radio spots for our radio station (WJEL 89.3) and sports productions for the MIC Network. As an on-air star of the Daily Announcements, you will experience what it takes to shine as a news anchor or reporter. You will use software and equipment that is currently used by professionals in our 10 state-of-the-art audio/video recording bays, TV studio and radio station. Participating in this class will give you the advantage you need to be successful in college, or even jump-start your career! Job Opportunities: Radio DJ, Radio Production, TV Camera Operator, Video Editor, News Producer

MEDICAL ASSISTING (11, 12) One year, 2 or 3 hours per day

Dual Credit: Ivy Tech (3 credits) HLHS 100

Certifications: AHA BLS CPR Certification for Healthcare Providers, NCHSE (National Consortium for Health Science Education) Certification

Personal transportation to clinical site is REQUIRED for the 3 hour option.

Explore health related disciplines and learn associated entry level skills for the medical office. Learn to assist in the performance of diagnostic procedures and physical examinations. Gain Leadership skills developed through HOSA participation. 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. Job Opportunities: Medical Offices, Clinics, Pharmacies, Outpatient facilities

***(JEL631/632) VETERINARY ASSISTING (11, 12) One or two years, 3 hours per day**

Dual Credit: Ivy Tech (3 credits) HLHS 101

High School Science credit possible (Prerequisite: Biology or Enrolled in Biology)

Students must provide their own transportation to clinical site.

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 will gain leadership skills developed through HOSA participation. Students will have the option to earn an Advanced Life Science: Animals credit. Job Opportunities: Veterinary Assistant, Zoos, etc.

WORK-BASED LEARNING (WBL), MULTIPLE PATHWAYS

Prerequisite: 6 credits earned in related CTE pathway

Earn high school credits while you gain real-world work experience.

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

JEL courses offered on campus at Hamilton Southeastern HS and/or Fishers HS

HEALTH CARE EXPLORATION - One year, 2 hours per day, 2 elective credits. Recommended Grade Level: Grades 10, 11, 12

Dual Credit: Ivy Tech (6 credits) HLHS 100, HLHS 101.

Certifications: AHA BLS CPR Certification for Healthcare Providers

Students will perform skills related to a range of health career topics: patient nursing care, vital signs, dental care, animal care, medical laboratory, public health, an introduction to health care systems, anatomy, physiology, and medical terminology. Students will gain leadership skills developed through HOSA participation. Students will participate in lab experiences related to your career objectives. Upon successful completion of this course, students will understand the next steps for pursuing a post-secondary program of their choice or the next health science program to take through career and technical training.

HEALTH CARE CAREERS, CNA PREP

One year, 3 hours per day (Dual Credit: Ivy Tech (8 credits) HLHS 100, HLHS 107)

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

Social Security Number required for background check and clinical experience

This program prepares students for an entry level Nursing Assistant position in health care facilities and also provides an exploration of the various careers in the Health Care Industry. Students will provide Nursing Assistant services to patients in a long-term care facility as part of their clinical training. Students will gain leadership skills developed through HOSA participation and can earn a CNA certification if qualifying test is passed. Job Opportunities: Hospitals, Nursing Homes, Home Health and Assisted Living facilities. Some Nursing schools now require a CNA certification to be considered as a potential student.

EMERGENCY MEDICAL TECHNICIAN

One year, 3 hours per day, 3 elective credits.

Dual Credit: Ivy Tech (10.5 credits) HSPS 125 (3 credits for fall semester) and PARM 102 (7.5 credits for spring semester)

Certifications: American Heart Association Healthcare Provider CPR, EMR, and Nationally Registered EMT (Must be 17 years old by May 1 of the school year enrolled in the class to earn certification)

Students will be able to perform the skills needed in a time of emergency that could save someone's life. During the fall semester, students will perform skills such as airway management, splinting of fractured bones, actions to take in a respiratory emergency, adult, child and infant CPR, and vital signs. During the spring semester, students will continue to add to their skillset in emergency first aid, analyzing different types of emergency situations, transporting patients, etc. Students will gain leadership skills developed through HOSA participation. Upon successful completion of the EMT class, students may be qualified to take the EMT national registry certification exam. To obtain the necessary clinical hours and patient contact, students must provide their own transportation to clinical sites. Clinic hours may be obtained

weekday evenings or on the weekend, therefore, parents may provide that transportation, if necessary. *Job Opportunities: EMT in the Hospital or pre-Hospital setting*

EDUCATION CAREERS

One or two years, 3 hours per day, 3 elective credits

Recommended Prerequisite: Child Development or Adv. Child Development

Dual Credit: Ivy Tech (1st year, 9 credits) ECED 100*, ECED 101*, ECED 103*

Dual Credit: Ivy Tech (2nd year, 3 credits) ECED 105*

After completing 2 years of the JEL program, 1-2 Ivy Tech courses needed to get a CDA.

Social Security Number required for background check

Develop a working knowledge of licensing regulations, nutrition, health, safety, and sanitation. Learn to plan, develop, teach, and supervise activities enhancing the pre-school age child's physical, emotional, social, and intellectual development. Obtain hands-on experience through a field experience and/or by participating in an internship at a district pre-school or local childcare center. In addition, second year students' work towards a CDA (Child Development Associate). *Job Opportunities: Teaching Assistants, In-home Childcare, Nanny, Camp Counselor*

MUSIC/SOUND PRODUCTION

One or two years, 2 hours per day, 2 elective credits

Dual Credit: Vincennes (1st year, 6 credits) MCOM 102, BCST 120

Certifications: Avid Pro Tools

Any successful career in the Music Industry starts with a passion for music and a solid foundation of digital audio recording and mixing skills. If you have dreams of being a music mogul like Jay Z or Taylor Swift, then this class is for you! In Music/Sound Production, you will produce creative music and mixes with instruments and cutting-edge software used in the recording industry. Through class projects, you will develop skills in music composition, engineering, sound editing, mixing and movie soundtrack creation. *Job Opportunities: Sound Engineer, Production Assistant, Creative Producer, Audio Production, Sound Crew Technician.* **This course is offered at Fishers High School only.**

WELDING I

One year, 2 hours per day, 2 elective credits

Dual Credit: Ivy Tech (1st year, 3 credits) WELD 108

Certifications: American Welding Society

Dual Credit: Ivy Tech (2nd year, 6 credits) WELD 207, WELD 208

Students completing Welding I would be eligible to earn their certifications in STICK and MIG, as well as 3 credit hours from Ivy Tech. Students wishing to continue with Welding will be able to take Welding II at JEL and become eligible to earn additional certifications in TIG and Flux Core Arc, as well as 6 credit hours from Ivy Tech. *Job Opportunities: Welding shops, Manufacturing plants.* **This course is offered at Hamilton Southeastern High School only.**

See the JEL Program Brochure in the Guidance Office for more complete course descriptions.