

# ***CAREER & TECHNICAL EDUCATION (CTE)***

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The following CTE programs were introduced to students in the 2020-2021 school year. We are excited to offer these courses again in the 2021-22 school year. Both programs will have the opportunity for students to earn dual credits through Ivy Tech and program based certifications.

## **HEALTH SCIENCE EDUCATION II: NURSING (5284)**

Classification: CTE

Open to: 11 and 12

Credits: 2RW Fall and 1RW Spring

\*\*Students have the opportunity to earn dual credit through Ivy Tech Community College if they meet the Ivy Tech requirements.\*\*

Health Science Education II: Nursing is an extended laboratory course designed for students who have an interest in health sciences and may someday continue their education in nursing or a health related field. After the successful completion of the course students are prepared for entry level employment at hospitals, doctor's offices, and extended care facilities by preparing them to become Certified Nursing Assistants (CNA). Students will be qualified to take the state certification test for Certified Nursing Assistant. The test will be administered through Senior1Care and students will additionally be licensed as home health aides.

Students will practice technical skills in the classroom and then work at clinical sites under the direction of licensed nurses. These sites may include extended care facilities, hospitals and home health agencies. Throughout the course, students will focus on learning about the healthcare system and employment opportunities at a variety of entry levels; an overview of the healthcare delivery systems, healthcare teams and legal and ethical considerations; and obtaining the knowledge, skills and attitudes essential for providing basic care in a variety of healthcare settings. Additionally, students will build their essential job related skills to record patient medical histories and symptoms; provide medication and treatments; consult with physicians and other healthcare providers; operate and monitor medical equipment; perform diagnostic tests; teach patients and families how to manage their illness or injury; and perform general health screenings.

All students must have a physical, 2 step TB test and a criminal background check to participate in clinicals. The course is set up with one period each semester required. To aid students in completing their clinical hours, students may request the hours to take place during school hours with a clinical release period first semester. Students wishing to complete all hours outside of the school day will be enrolled in an after school section. All students must document hours and turn in to their CNA instructor.

## **EMERGENCY MEDICAL SERVICES (5210)**

Classification: CTE

Open to: 11 and 12

Credit: 2 RW Fall, 1 RW Spring

\*\*Students have the opportunity to earn dual credit through Ivy Tech Community College if they meet the Ivy Tech requirements.\*\*

Emergency Medical Services prepares students for a state certification which may lead to a career in Emergency Medical Services. Examples of those careers include Emergency Medical Technician and Paramedic. This course is designed for persons desiring to perform emergency medical care. Theories, techniques, and operational aspects of pre-hospital emergency care, within the scope and responsibility of the basic emergency medical technician are covered in this course. Students will learn to recognize the seriousness of the patient's condition, use the appropriate emergency care techniques and equipment to stabilize the patient, and safely transport them to the hospital. The handling of victims of hazardous materials accidents is also addressed in this course. Opportunities for laboratory practice and clinical

observation in a hospital emergency room and ambulance are also included to provide occasions for students to further develop clinical skills and the appropriate ethical behavior.

The course is set up with one period each semester required. To aid students in completing their laboratory hours, students may request a release period first semester. Students wishing to complete all hours outside of the school day will be enrolled. All students must document hours and turn in to their EMT instructor.

### **WORK BASED LEARNING CAPSTONE (5974)**

Classification: Career-Technical

Prerequisite: Completed an advanced course in career related field of interest

Open to: 12

Credit: Up to 4 credits RW

Students have the opportunity to apply the concepts, skills, and dispositions learned in previous advanced coursework within the Business, Engineering and Technology, Family and Consumer Science, or Science department to internship opportunities. Work Based Learning experiences need to be in a closely related Career and Technical industry setting. Each student participating in a Work Based Learning experience will have a standards-based training plan. Student plans will be a combination of teacher-coordinated, mentor-supervised, work-based learning and school-based instruction.

### **J. EVERETT LIGHT CAREER CENTER**

Sophomore, junior and senior students have the opportunity to take courses at J. Everett Light Career Center. Most classes at the career center are three credits per semester, and each program typically lasts two years. To be considered for programs at J. Everett Light Career Center, students must complete an application which is available [here](#) and in the Counseling Center. Students enrolled at J. Everett Light Career Center may take three or four credits of classes at Carmel High School each semester. The courses offered can be found within the [JEL program guide](#). A hard copy of the information can be found in the Counseling Center.