

Patoka Valley CTE Cooperative

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Patoka Valley Cooperative Program Information- Tell City

Health Science 1- 5282

Location: Tell City High School

Class time: 9:45am - 10:30am

Credits Per Semester: 1

Description: Health Science Education I is a course designed to provide a foundation of skills development to specific health careers including; patient care, nursing care, dental care, animal care, medical laboratory, and public health. Students will also receive an introduction to healthcare systems, anatomy, physiology, and medical terminology. Laboratory experiences with industry applications are organized and planned around the activities associated with the student's career objectives. Job seeking and job maintenance skills, personal management skills, self-analysis to aid in career selection and completion of the application process for admission into a postsecondary program of their choice are also included in this course. Participation in HOSA encourages the development of leadership, communication and career related skills, and opportunities for community service.

Dual Credit: Ivy Tech, HLHS 100, Introduction to Health Careers, 3 Credit Hours

Prerequisites/Requirements for application: None

Occupations/Job Placement: The student may have the opportunity for work-based learning, which may include job shadowing, internships, and other clinical experiences that allow students to observe and learn from healthcare professionals.

Instructor Information: Erika Hollinden- erika.hollinden@tellcity.k12.in.us

Health Science 2: Nursing (Certified Nursing Assistant) - 5284

Location: Tell City High School

Class time: 8:00am - 9:40am (changes to 7:45am - 9:25am second semester), 1:30pm - 3:05pm

Credits Per Semester: 2

Description: The certified nurse aide (CNA) program at Tell City High School has a partnership with Perry County Memorial Hospital and Oakwood Health Campus in Tell City. This is a two semester class with built-in clinical rotation. A minimum of 30 hours in the classroom and 75 hours in clinical setting must be done in this time. After these requirements have been fulfilled with a passing grade both semesters, students will have the opportunity to set for the exam, becoming a certified nursing assistant, authorizing a student to work in this capacity in a healthcare facility. Becoming a CNA will provide great working experience for students desiring to pursue a career in healthcare and/or nursing.

Dual Credit: Ivy Tech, HLHS 107, 3 Credit Hours and Health Science Education 2, 5 Credit Hours

Prerequisites/Requirements for application: Health Science 1, Biology 1, and (recommended) PLTW: PBS

Occupations/Job Placements: CNANursing. After completion of the CNA program and successful achievement of the certification exam, students have the opportunity to enter into the Interdisciplinary Cooperative Education (ICE) program, a work-based learning option in their Senior year. Alternatively, they can enter the Work-based Learning (WBL) program, which allows for an internship at a local healthcare facility.

Instructor Information: Erika Hollinden- erika.hollinden@tellcity.k12.in.us

Medical Terminology- 5274

Location: Tell City High School

Class time: TBD

Credits Per Semester: 1

Description: Medical Terminology prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings, all taught within the context of body systems. This course builds skills in pronunciation, spelling, and defining new words encountered in verbal and written information in the healthcare industry. Students have the opportunity to acquire essential skills for accurate and logical communication, and interpretation of medical records. Emphasis is on forming a foundation of a medical vocabulary including; appropriate and accurate meaning, spelling, and pronunciation of medical terms, and abbreviations, signs, and symbols.

Dual Credit: Ivy Tech, HLHS 101, Medical Terminology, 3 Credit Hours

Prerequisites/Requirements for application: (recommended) Health Science I and/or PLTW: PBS

Occupations/Job Placements: The student may have the opportunity for work-based learning, which may include job shadowing, internships, and other clinical experiences that allow students to observe and learn from healthcare professionals.

Instructor Information: Erika Hollinden- erika.hollinden@tellcity.k12.in.us

Construction Trades 1- 5580

Location: Tell City High School

Class time: 8:00 am-10:30 pm and 12:55 pm-3:05 pm

Credits Per Semester: 3

Description: Introduction to Construction is a course that offers hands-on activities and real world experiences related to the skills essential in residential, commercial and civil building construction. The student will also learn and apply knowledge of the care and safe use of hand and power tools as related to each trade. In addition, students are introduced to blueprint reading, applied math, basic tools and equipment, and safety demonstrating building construction techniques, including concrete and masonry, framing, electrical, plumbing, dry walling, HVAC, and painting. In this program, students apply these skills to build a new construction house from the ground up.

Dual Credit: Ivy Tech BCOT 100 Introduction to Construction Technology, 3 Credit Hours, BCOT 101 Introduction to Carpentry, 3 Credit Hours

Prerequisites/Requirements for application: None

Occupations/Job Placements: All careers related to construction

Instructor Information: Josh Henke- josh.henke@tellcity.k12.in.us

Construction Trades 2- 5578

Location: Tell City High School

Class time: 8:00 am-10:30 pm and 12:55 pm-3:05 pm

Credits Per Semester: 3

Description: Construction Trades II builds on the formation, installation, maintenance, and repair skills learned in Construction Trades I. Students will develop basic knowledge, skills, and awareness of interior trim and the installation of drywall, moldings, interior doors, kitchen cabinets, and baseboard moldings. Students will also develop exterior finishing competencies. The course includes instruction on the installation of cornices, windows, doors and various types of sidings currently used in industry. Studies will also focus on the design and construction of roof systems and the use of framing squares for traditional rafter and truss roofing.

Dual Credit: BCOT 102 Introduction to Carpentry, Part 2, 3 Credit Hours

Prerequisites/Requirements for application: Construction Trades I

Occupations/Job Placements: All careers related to construction

Instructor Information: Josh Henke- josh.henke@tellcity.k12.in.us

Welding Technology 1 and 2 - 5776, 5778

Location: Tell City Ivy Tech

Class time: Weekday 5:30 pm - 10:20 pm

Credits Per Semester: 1 (successive semesters)

Description: Welding Technology includes classroom and laboratory experiences that develop a variety of skills in oxy-fuel cutting and Shielded Metal Arc welding. OSHA standards and guidelines endorsed by the American Welding Society (AWS) are used. Instructional activities emphasize properties of metals, safety issues, blueprint reading,

electrical principles, welding symbols, and mechanical drawing through projects and exercises that teach students how to weld and be prepared for college and career success.

Dual Credits: 3 Credit Courses- WELD 108 Shielded Metal Arch Welding I, WELD 206 Shielded Metal Arch, WELD 208 Gas Tungsten Arch Welding Welding II, WELD 273 Adv. Gas Tungsten Arch Welding

Certification: American Welding Society

Prerequisites/Requirements for application: None

Occupations/Job Placements: Welder, Technician, Sales, Designer, Researcher or Engineer

Instructor Information: TBA- Ivy Tech Tell City Staff

Radio and TV- 5986

Location: Tell City High School

Class time: 8:00 am-8:50 am, 8:55 am-9:40 am (may be taken as one or two periods)

Credits Per Semester: 1 credit per period

Description: Radio and Television I focuses on production, programming and equipment operation. Students will develop oral and written communication skills, acquire software and equipment operation abilities, and integrate teamwork skills. Instructional strategies may include a hands-on school-based enterprise, real and/or simulated occupational experiences, job shadowing, field trips, and internships.

Dual Credit: None

Prerequisites/Requirements for application: None

Occupations/Job Placements: television production, programming, promotion and sales

Instructor Information: Kevin Feldpausch- kevin.feldpausch@tellcity.k12.in.us

Auto Service Technology - 5510

Location: Tell City High School

Class time: 8:00 am-10:30 am

Credit Per Semester: 3 credits

Description: Automotive Services Technology includes classroom and laboratory experiences that incorporate training in service and repair work on all types of automotive vehicles. Included in the course is training in the use of service/repair information and a variety of hand and power tools. Instruction and practice provides opportunities for students to diagnose malfunctions, disassemble units, perform parts inspections, and repair and replace parts. Course content addresses NATEF/ ASE standards leading to certification in one or more of the following areas: steering and suspension; brakes; engine performance; manual transmissions and differential; automatic transmissions; electrical systems; air conditioning; and, engine repair. Mathematical skills will be reinforced through precision measuring activities and cost estimation/calculation activities. Scientific principles taught and reinforced in this course include the study of viscosity, friction, thermal expansion, and compound solutions. Written and oral skills will also be emphasized to help students communicate with customers, colleagues, and supervisors.

Dual Credit: AUTI 100 Basic Automotive Service, AUTI 111 Electrical Systems I, AUTI 121 Braking Systems, AUTI 131 Engine Performance Systems I, AUTI 141 Engine Fundamentals & Repair

Certification: ASE, Snap On 504

Pre Req: None

Occupations/Job Placement: Automotive Service Technician, Mechanic, Automotive Body and Related Repairs, Diesel Engine Specialist

Instructor Information: Glenn Goffinet- glenn.goffinet@tellcity.k12.in.us