TCAT
PULASKI

Main Campus P.O. Box 614 1233 East College Street Pulaski, TN 38478 Phone (931) 424-4014 Fax (931) 424-4017	**Lawrence County Instructional Service Center** 100 Hicks St. Lawrenceburg, TN 38464
Lawrenceburg Instructional Service Center** Lawrence County High School 1800 Springer Road Lawrenceburg, TN 38464 Phone (931) 762-9412	**North Lawrence Instructional Service Center**** Summertown High School 411 West College Street Summertown, TN 38483 Phone (931) 964-3539
South Lawrence Instructional Service Center** Loretto High School 525 2nd Avenue South Loretto, TN 38469 Phone (931) 231-8850	****REGARDING LAWRENCE COUNTY INSTRUCTIONAL SERVICE CENTERS:** Adult admission is limited to approved graduates of the Lawrence county school system in May of the same year with immediate enrollment required by the Fall trimester.

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Accredited Member
Commission of the Council
on Occupational Education

7840 Roswell Rd.
Building 300, Suite 325

Mission Statement:

The Tennessee Colleges of Applied Technology serve as the premier suppliers of workforce development throughout the State of Tennessee. The Colleges fulfill their mission by:

- Providing competency-based training through superior quality, traditional and distance learning instruction methods that qualify completers for employment and job advancement;
- Contributing to the economic and community development of the communities served by training and retraining employed workers;
- Ensuring that programs and services are economical and accessible to all residents of Tennessee; and
- Building relationships of trust with community, business, and industry leaders to supply highly skilled workers in areas of need.

For more information about our graduation rates, the median debt of students who complete the programs, and other important information, please visit our website at:

www.tcatpulaski.edu

WE BUILD CAREERS.
UNLOCK NEW OPPORTUNITIES!
TCAT PULASKI

TENNESSEE
COLLEGE OF APPLIED TECH
PULASKI

www.tcatpulaski.edu

Administrative Office Technology (12 months)

The mission of the AOT program is to educate the student with the basic knowledge and technical skills necessary for success in today's computerized office. Students are offered an opportunity to work & experience extensive hands-on training with modern office equipment & computer software. Diplomas available include Administrative Assistant, Accounting Assistant, & Medical Administrative Assistant.

Advanced Manufacturing Education (16 months)

The objective of the AME program is to increase the number of skilled workers for existing and emerging high-tech manufacturing jobs. This program is designed to enhance worker skills and knowledge in manufacturing technologies, thus improving the productivity of the region's manufacturing industry and increasing their global competitive advantage. Career paths in areas such as robotics, programmable logic controllers, and plastics injection molding are offered. This program qualifies the graduate to work as a technician in Robotic Automation, Plastics Engineering, and/or PLC Automation. An Engineering Technician diploma is awarded upon completion of this program as well as several certificates.

Basic Dental Assisting (7-8 months)

Dental Assistants are trained to sit with the dentist to work on and assist the dentist with live patients. During the course of this special industry program, you will learn the basic principles of dental instruments, dental materials, and office procedures. You will also learn what is expected of a dental assistant. TCAT Pulaski strives to provide technical instruction and skill development to enable our students to become successful dental assistants. Upon successful completion of this special industry program, our students will receive a Basic Dental Assistant certificate. As a registered dental assisting program through the Tennessee Board of Dentistry, students successfully completing are eligible to apply to become a Registered Dental Assistant. This unique learning experience allows our students to also obtain interpersonal skills essential for career success and advancement.

Building Construction Technology (20 months)

The Building Construction Technology program is designed to teach skills relating to residential electrical wiring, carpentry, and plumbing. In addition, a core craft skills section will include safety, math, tools, rigging, communication and employability skills. The objective of this program is to increase the number of available skilled workers in the construction field. Diplomas available upon completion of this program include Carpenter and General Construction. **Enrollment is limited to Lawrence County graduates.**

CNC Machining Technology (16 months)

Machine trades have always been an essential part of all types of industry. The CNC Machining Technology program is designed so that the student will gain valuable knowledge of a variety of machine tools used in machining metal (lathes, milling machines, CNC and EDM machinery, drill presses), measuring, and basic metallurgy (properties of metal, their workable characteristics, heat treatment of metals, and relative hardness). This program offers certificates for Production Machine Tender and Machine Set-up Operator and a Machinist I diploma.

Computer Operating Systems and Network Technology (12 months)

The mission of the COSNT program is to provide the information technology industry with CompTIA (Computing Technology Industry Association) certified personnel. Students will be provided the highest quality technical training and job related skills in computer and network servicing. The program is intended to provide the theoretical and mechanical skills needed to successfully specify, assemble, and install new systems; diagnose and correct system failure; and maintain and upgrade existing systems. A Network Control Specialist Diploma is awarded upon completion of this program.

Criminal Justice: Correctional Officer (8 months)

The Criminal Justice curriculum contains a broad range of courses designed to equip correctional officers with the knowledge and understanding of inmate processing, maintaining the safety and security of the facility, and invoking disciplinary measures when necessary. This training program runs 2 trimesters & provides officers with knowledge & certifications for defensive tactics, use of force, ethics & legal issues. Course will provide officers with knowledge of emergency procedures, mental health, first aid, inmate transports, investigations,& personal development, etc.

Electrical and Plumbing Construction Technology (12 months)

The objective of the Electrical and Plumbing Construction Technology program is to prepare students for a career as an electrician and/or plumber in the fast-growing construction industry. Graduates will possess a number of valuable skills such as electrical theory, residential/commercial print reading and wiring techniques, load calculations, and conduit bending. The National Electric Code, plumbing fixtures and installation, pipe and fittings, water distribution and drainage installation will also be included. Training includes both classroom (theory) and hands-on lab assignments designed to allow students to demonstrate the mastery of the core skills required for employment in the electrical and plumbing field. A Residential/Commercial Electrician and Plumbing Diploma is available upon completion of this program.

Heating, Ventilation, Air Conditioning and Refrigeration (16 months)

The HVACR program provides students with classroom and shop work including theory, application, and service. Major blocks of instruction include electricity, refrigeration, air conditioning, heat pumps, and heating and commercial systems. This program is an accredited member of the HVAC Excellence Program. Several diplomas and certificates are available in this program including HVACR Technician. This program is also offered as an evening program.

Industrial Electricity (16 months)

This program is designed to prepare students to install and repair electrical systems, apparatus, and electrical and electronic components of industrial machinery and equipment. Students follow electrical code, manuals, schematic diagrams, blueprints and other specifications, and use hand tools, power tools, and electrical and electronic test equipment. Training in the Industrial Electricity program includes theoretical characteristics of circuits and electrical equipment and application. Practical instruction is given in electrical safety, related math, basic electronics, robotics, motors, transformers, electrical code, and programmable logic controllers. An Industrial Electrician diploma is available in this program along with several certificates.

Industrial Maintenance Technology (16 months)

This program is designed to train students with the broad range of skills needed to compete in today's technological environment. Trainees learn the fundamentals of electricity and electronics which provide the foundation for advanced training in electric motor control, automated machine control, circuits, conveyors, pumps, pneumatic and hydraulic systems, test equipment, production equipment (electrical, electronic, and mechanical), programmable controllers and automation. In the last phase of the course, students combine all of their newly acquired skills in overall systematic troubleshooting and interfacing systems to qualify for an Electro-Mechanical and Industrial Maintenance Technician diploma. This program is also offered as an evening program.

Patient Care Technology/Medical Assisting (12 months)

This program is designed to include classroom study and supervised clinical practice in health care facilities. The patient care technician student must complete the prescribed program of study and clinical experience and pass the state certification for CNA and national certification for Patient Care Technician and Medical Assistant. Broad units of study include Nurse Aide, Anatomy and Physiology, Medical Terminology, ECG Technician, Phlebotomy, Dosage Calculations, Computer Concepts and Medical Assisting. Job duties: perform administrative and certain clinical duties under the direction of a physician. Administrative duties may include scheduling appointments, maintaining medical records, billing and coding information for insurance purposes. Clinical duties may include taking/recording vital signs and medical histories, preparing patients for examination, drawing blood, and administering medications as directed by physician.

Pharmacy Technology (12 months)

This program is designed to train students for employment in retail and wholesale pharmacies, as well as home health care and long term care facilities. The student will perform as pharmacy technicians or assistants under the direct supervision of the pharmacist. Students will learn to become skilled in medications, prescription preparation, reconstitution and IV preparation. They will also learn to establish and maintain patient profiles, packaging and equipment, and to perform administrative, communication, and inventory control duties. Clinical training is provided in all work environments. Upon completion of training, students will receive a Pharmacy Technician diploma and will be prepared to take the Pharmacy Technician Certification Examination (PTCE). Applicants should be aware that a mandatory criminal background check and drug screening will be required.

Practical Nursing (16 months)

Practical Nursing is designed to prepare students through classroom and clinical training to be productive members of the healthcare team. A high school diploma or GED is required. Applicants should have good mental and physical health, high moral and ethical standards and an interest and aptitude for the nursing occupation. Completion of this program results in a Practical Nurse Diploma. Applicants to this program should be aware that an entrance exam, mandatory criminal background check, and drug screening are required. Applicants for this program are taken at different times during the year.

Residential/Commercial Wiring & Plumbing (20 months)

The program is structured around the NCCER curriculum. The objective of this program is designed to help the student pass the Limited Licensed Electrician (LLE) and the Limited Licensed Plumber (LLP) Exams in Tennessee. The program is self-paced and is formatted so the student will spend extensive training in a hands-on environment. NEC applications and safety are strongly emphasized. Actual wiring and plumbing of a mock duplex ensures realistic training utilizing actual electrical and plumbing components. This program offers an Electrical Wiring Journeyman or Plumbing Journeyman diploma along with several certificates. **Enrollment is limited to Lawrence County graduates.**

Welding Technology (12 months)

The welding industry presents a continually growing and challenging series of opportunities for skilled workers. This course is designed to prepare students for a career in welding using the various welding processes such as MIG, TIG, Arc, and Robotic Welding. The individualized method of instruction provides for both classroom learning and practical hands-on experience using tools and state-of-the-art welding equipment. Several certifications are offered in this program, as well as, a Welder diploma. This program is also offered as an evening program.