



# TENNESSEE COLLEGE OF APPLIED TECHNOLOGY

**PULASKI**

1233 East College Street, Pulaski, TN 38478  
931-424-4014 [www.tcatpulaski.edu](http://www.tcatpulaski.edu)

## RESIDENTIAL/COMMERCIAL WIRING AND PLUMBING

The coursework of the Residential/Commercial Wiring and Plumbing Program is structured around the NCCER curriculum. The mission of this program is designed to help prepare students for the State Limited Licensed Plumber and Electrician Exams. The program is self-paced and is formatted so the student will spend extensive training in a hands-on environment. National Electric Code applications and safety are strongly emphasized. Actual wiring and plumbing of a mock duplex ensures realistic training experiences utilizing electrical and plumbing components.

### Employment Opportunities:

- Residential Contractors
- Commercial Contractors
- Manufacturing

### Program Instructors:

**Lawrenceburg Instructional Service Center**  
John Jacobs/[john.jacobs@lcss.us](mailto:john.jacobs@lcss.us)  
931-762-9412

**South Lawrence Instructional Service Center**  
Jason Hickman/[jason.hickman@lcss.us](mailto:jason.hickman@lcss.us)  
931-231-8850

### ENROLLMENT INFORMATION

Classes Offered:	Full-Time: Monday - Friday 8 to 2:30 Part-Time: Mon - Fri 8 to 11 or 11:30 to 2:30
Program Length:	2,160 Hours (5 trimesters)
Program Locations:	<b>Lawrenceburg Instructional Service Center</b> 1800 Springer Road, Lawrenceburg, TN 38464 <b>South Lawrence Instructional Service Center</b> 525 2nd Avenue South, Loretto, TN 38469
Program Cost including Tuition, Fees plus Books/Supplies	\$1,312 per trimester x 5 trimesters=6,560 \$619 Books/Supplies; Total Cost \$7,179* *These costs are subject to change.
Requirements:	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.
Financial Aid:	Available to those who qualify

For more information about our graduation rates, the median debt of students who completed the program, and other important information, please visit our website, [www.tcatpulaski.edu](http://www.tcatpulaski.edu)

### Career Training

Advanced Manufacturing Education  
Administrative Office Technology  
Building Construction Technology  
CNC Machining Technology  
Computer Operating Systems and Network Technology  
Electrical and Plumbing Construction Technology  
HVAC/R  
Industrial Electricity  
Industrial Maintenance Technology  
Patient Care Technology/  
Medical Assisting  
Pharmacy Technology  
Practical Nursing  
Residential/Commercial Wiring and Plumbing  
Welding Technology

### Campus Locations

Lawrenceburg Instructional Service Center  
North Lawrence Instructional Service Center  
Northfield Instructional Service Center  
South Lawrence Instructional Service Center

## Residential/Commercial Wiring & Plumbing Course Outline

<b>First Trimester</b>	
Worker Characteristics	6 Hours
Orientation Safety Alcohol Education and Haven Training	6 Hours
Technology Foundations	24 Hours
Safety	30 Hours
Electrical Theory	366 Hours
<b>Electrical Wiring Helper I Certificate</b>	<b>432 Hours</b>

<b>Second Trimester</b>	
Worker Characteristics	6 Hours
Electrical Systems Rough-In	213 Hours
Related National Electric Codes and Application to Electrical Systems Rough-In	213 Hours
<b>Electrical Wiring Helper II Certificate</b>	<b>864 Hours</b>

<b>Third Trimester</b>	
Worker Characteristics	6 Hours
Electrical Systems Final	213 Hours
Related National Electric Codes and Application to Electrical Systems Final	213 Hours
<b>Electrical Wiring Technician Diploma</b>	<b>1296 Hours</b>

<b>Fourth Trimester</b>	
Worker Characteristics	6 Hours
Introduction to Plumbing	108 Hours
Plumbing Systems Rough-In	108 Hours
Plumbing Systems Final	108 Hours
Related International Plumbing Codes and Application to Plumbing Systems	102 Hours
<b>Plumbing Technician Diploma</b>	<b>1728 Hours</b>

<b>Fifth Trimester</b>	
Worker Characteristics	6 Hours
Electrical Licensing Review	189 Hours
Plumbing Licensing Review	189 Hours
Internship/Final Project	48 Hours
<b>Electrical Wiring and Plumbing Diploma</b>	<b>2160 Hours</b>