



TEXARKANA COLLEGE

Electrical Technology | Associate of Applied Science

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LIST OF COURSES

ELPT-1325-National Electrical Code 1
 ELPT-1321-Intro. to Electrical Safety & Tools
 DFTG-1329-Electro-Mechanical Drafting
 CETT-1409-DC/AC Circuits
 ELPT-1319-Fundamentals of Electricity I
 ELPT-1351-Electrical Machines
 ELPT-1429-Residential Wiring
 RBTC-1401-Basic PLC's
 EPLT-1457-Industrial Wiring
 ELMT-2339-Advanced PLC's
 ELPT-1420-Fundamentals of Electricity II
 ELTN-1343-Electrical Troubleshooting
 LEAD 1100-Development with Critical Thinking
 SPCH 1315-Public Speaking
 ENGL 1301-Composition 1
 BCIS 1305 OR EDUC 1300-Business/Learning Frame
 College Algebra or College Level Math
 Social Science Elective
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
ELPT 1325	ELPT 1457
ELPT 1321	ELMT 2339
CETT 1409	ELTN 1343
DFTG 1329	ELPT 1420
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
ELPT 1319	ENGL 1301 (core)
ELPT 1351	BCIS 1305 or EDUC 1300 (core)
ELPT 1429	College Algebra or College Level Math (core)
RBTC 1401	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Customer Service

EDUCATIONAL OPPORTUNITIES

B.A.A.S. Texas A&M - Texarkana

CAREER OPPORTUNITIES

Apprentice Electrician | Maintenance Electrician | Journeyman Electrician | Master Electrician | Industrial Electrician

HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary

LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

<http://tamut.edu/Academics/Colleges-and-Departments/CASE/Undergraduate-Programs/BAAS/BAAS%20Program.html>

Start Smart. Finish Strong.

Electrical Technology

What do all of our homes, businesses & industries have in common? They all require electricity! In the Electrical Technology program, you'll be trained to wire, troubleshoot and repair electrical systems in residential, commercial and industrial buildings. If you're looking for a solid career that will remain in demand, consider studying electrical technology at Texarkana College.

PROGRAMS AVAILABLE

Associate of Applied Science
1-Year Certificate

WHAT YOU'LL LEARN

Layout & installation of electrical wiring, equipment or fixtures
Connect wires to circuit breakers, transformers & components
Test electrical systems, circuits & fixtures using digital multi-meters
Identify hazards, defects or need of repair in electrical systems, equipment & components

TYPICAL JOBS AFTER COMPLETION

Apprentice Electrician
Journeyman Electrician
Industrial Electrician
Inside Wireman
Journey Wireman
Maintenance Electrician

MEDIAN PAY

\$42,850 per year for electricians in the Texarkana area.

JOB OUTLOOK

Electrician job opportunities are expected to grow by 14% over the next 10 years.

OTHER INTERESTS

If you're interested in Electrical Technology, you may be interested in these other programs in Manufacturing & Technology as well: Air Conditioning/Heating & Refrigeration Technology (HVAC) | Construction Technology | Electronics Technology/Instrumentation | Industrial Maintenance/Multi-Craft | Welding

In our Career Spotlight Magazine that you can get on campus or online at texarkanacollege.edu/careerspotlight, you'll find an overview of Texarkana College's career and technical programs. Explore our programs and think hard about what to do for the rest of your life. We can help you get there by starting smart and finishing strong! When you're ready, give our Enrollment Services staff a call at (903) 823.3012 or visit texarkanacollege.edu/tour to schedule your campus visit.



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