



TEXARKANA COLLEGE

Electronic/Instrumentation | Associate of Applied Science

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LIST OF COURSES

CETT 1409-DC/AC Circuits
 ELPT 1321-Intro to Electrical Safety & Tools
 INTC 1405-Introduction to Instrumentation
 ELPT 1325-National Electrical Code I
 CETT 1407-Fundamentals of Electronics
 DFTG 1329-Electro-Mechanical Drafting
 INTC 1443-Application of Industrial Automatic Control
 RBTC 1401-Programmable Logic Controllers
 ELPT 1457-Industrial Wiring
 INTC 1457-AC/DC Motor Control
 LEAD 1100-Development with Critical Thinking
 RBTC-1405-Robotic Fundamentals
 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
CETT 1409	INTC 1443
ELPT 1321	RBTC 1405
DFTG 1329	ELPT 1457
ELPT 1325	INTC 1457
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
CETT 1407	ENGL 1301 (core)
INTC 1405	BCIS 1305 or EDUC 1300 (core)
RBTC 1401	College Algebra or College Level Math (core)
	Social Science Elective (core)
	Arts/Drama/Music Elective (core)

LEARNING OUTCOMES/MARKETABLE SKILLS

Critical Thinking | Teamwork | Communication | Professionalism | Problem Solving | Organization | Time Management | Safety Awareness

EDUCATIONAL OPPORTUNITIES

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

CAREER OPPORTUNITIES

Electro-Mechanical Technicians | Commercial/Industrial Electrical & Electronics Repairs | Calibration Technicians | Instrumentation Technicians

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.

Electronic Technology/Instrumentation

This diverse program will teach you the skills and abilities you need to pursue jobs in computer technology, medical equipment technology, industrial electronics, and more. Employees with the knowledge needed to operate, maintain and repair industrial equipment are in high demand. TC's labs have up-to-date equipment that will prep you for a number of high-paying jobs.

PROGRAMS AVAILABLE

Associate of Applied Science
1-Year Certificate
2-Semester Certificate

WHAT YOU'LL LEARN

Solid state devices & circuits | Linear integrated circuits | AC & DC circuits | Digital fundamentals & systems | Principles of automatic control | Instrumentation calibration | Programmable logic controllers

TYPICAL JOBS AFTER COMPLETION

Electronics Engineering Technician
Electronics Instrumentation Technologist
Electrical and Electronics Repairer
Commercial and Industrial Equipment
Avionics Technician
Biomedical Electronics Technician
Consumer Electronics Technician
Communication Electronic Technician

MEDIAN PAY

\$70,390 per year for electrical and electronics engineering technicians in the Texarkana area.

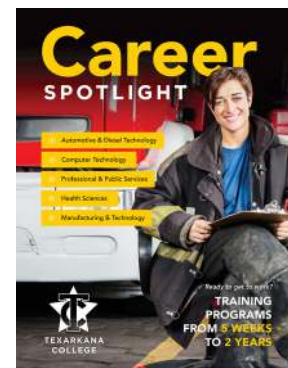
JOB OUTLOOK

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

OTHER INTERESTS

If you're interested in Electronics Technology/Instrumentation, you may be interested in these other programs in Manufacturing & Technology as well: Air Conditioning/Heating & Refrigeration Technology (HVAC) | Construction Technology | Electrical Technology | 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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TC does not discriminate on the basis of race, color, national origin, sex, disability, or age in its programs or activities. The following person has been designated to handle inquiries regarding the nondiscrimination policies:
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