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.
Social Science Elective
Art/Drama/Music Elective

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.