



# TEXARKANA COLLEGE

## Industrial Maintenance | Associate of Applied Science

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### LIST OF COURSES

CETT 1409-DC-AC Circuits  
 ELPT 1321– Intro. to Electrical Safety and Tools  
 INTC 1405-Introduction to Instrumentation  
 ELPT 1325-National Electric Code I  
 DFTG 1329-Electro-Mechanical Drafting  
 INMT 2301-Machinery Installation or ENTC 2331 Manufacturing Materials  
 CETT 1307-Fundamentals of Electronics  
 INMT 1417-Industrial Automation  
 RBTC 1401-Programmable Logic Controllers  
 HYDR 1445-Hydraulics and Pneumatics  
 ELMT 2339-Advanced Programmable Logic Controllers  
 INMT 2303-Pumps, Compressors & Mechanical Drives  
 INMT 1381– Co-op Edu.-Manu. Technology/Tech  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315– Public Speaking  
 ENGL 1301– Composition 1  
 Social Science Elective OR EDUC 1300  
 College Level Math or Natural Science  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
CETT 1409	INMT 1417
ELPT 1321	HYDR 1445
DFTG 1329	ELMT 2339
ELPT 1325	INMT 2303
	INMT 1381
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
INTC 1405	ENGL 1301 (core)
CETT 1307	Soc. Science Elective or EDUC 1300 (core)
INMT 2301 or ENTC 2331	College Level Math (core) or Natural Science
RBTC 1401	Art/Drama/Music Elective (core)

### LEARNING OUTCOMES/MARKETABLE SKILLS

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

### EDUCATIONAL OPPORTUNITIES

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

### CAREER OPPORTUNITIES

Electro-Mechanical Technicians | Industrial Machinery Mechanics | Engineering Technicians | Commercial/Industrial Electrical & Electronics Repairs

### 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.*

# Industrial Maintenance/Multi-Craft

In the Industrial Maintenance program, you get a wide range of industrial skills in one package. You'll train in six different trades, giving yourself a diverse skillset that qualifies you to fill a number of industrial jobs, and you'll train on state-of-the-art equipment donated by local industries such as Cooper Tire.

## PROGRAMS AVAILABLE

Associate of Applied Science

1-Year Certificate

2-Semester Basic Certificate

## WHAT YOU'LL LEARN

Industry standard safety procedures | Mechanical & electrical skills | Diagnostic techniques | Read & interpret schematics | Work with motors, pumps, pneumatic, hydraulics and programmable logic control systems | Machining skills

## TYPICAL JOBS AFTER COMPLETION

Industrial Production Manager

Industrial Machinery Mechanics

Machinery, Maintenance & Repair Workers

General, Electrical & Electronics Engineering Technicians

Electro-Mechanical Technicians

Commercial & Industrial Equipment Repair

## MEDIAN PAY

\$62,310 per year for industrial machinery mechanics in the Texarkana area.

## JOB OUTLOOK

Industrial machinery mechanic job opportunities are expected to grow by 16% over the next 10 years.

## CAREER COACH AND CAMPUS TOURS

Visit [texarkanacollege.edu/careercoach](http://texarkanacollege.edu/careercoach) to take a short Career Assessment quiz to help you determine what career paths may be right for you. You can also use this site to browse the programs that Texarkana College offers to help get you there.

Once you've decided Texarkana College might be a place for you to start, give our Enrollment Services staff a call at (903) 823.3012 or visit [texarkanacollege.edu/tour](http://texarkanacollege.edu/tour) to schedule your campus visit.

## TEXARKANA COLLEGE

2500 N. Robison Rd. | Texarkana, TX 75599

[texarkanacollege.edu](http://texarkanacollege.edu) | 903.823.3456

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