



# TEXARKANA COLLEGE

## Diesel Technology | Associate of Applied Science

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### LIST OF COURSES

DEMR 1301-Shop Safety & Procedures  
 DEMR 1405-Basic Electrical Systems  
 DEMR 1406-Diesel Engine I  
 DEMR 1421-Power Train I  
 DEMR 2412-Diesel Engine Testing & Repair II  
 DEMR 1317 -Basic Brake Systems  
 DEMR 1323-HVAC Troubleshooting & Repair  
 DEMR 1410-Diesel Engine Testing & Repair I  
 DEMR 2332-Electronic Controls  
 DEMR 1449 -Diesel Engine II  
 DEMR 2334-Advanced Tune-Up & Troubleshooting  
 DEMR 2266-Practicum – Diesel Mechanics  
 LEAD 1100-Development with Critical Thinking  
 SPCH 1315- Public Speaking  
 ENGL 1301- Composition 1  
 BCIS 1305 OR EDUC 1300-Business/Learning Frame.  
 College Level Math or Natural Science  
 Social Science Elective  
 Art/Drama/Music Elective

SEMESTER 1	SEMESTER 3
DEMR 1301	DEMR 2332
DEMR 1405	DEMR 1449
DEMR 1406	DEMR 2334
DEMR 1421	DEMR 2266
SEMESTER 2	SEMESTER 4
LEAD 1100	SPCH 1315 (core)
DEMR 2412	ENGL 1301 (core)
DEMR 1317	BCIS 1305 or EDUC 1300 (core)
DEMR 1323	College Level Math (core) or Natural Science
DEMR 1410	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

Diesel Technician | Diesel Technology Engineer | Tire Technician | Vehicle Inspector | Parts Manager | Service Manager | Heavy Equipment Mechanic | Farm Equipment Mechanic | Military Mechanic - Engines | Marine Engine Mechanic | Diesel Service Technician

### HIGH SCHOOL ENDORSEMENTS

Business and Industry | Multi-Disciplinary | Dual Credit/Concurrent Enrollment

### LINKS TO COLLEGES & PROFESSIONAL ORGANIZATIONS:

*Start Smart. Finish Strong.*

# Diesel Technology

Nearly everything we use and depend on every day was at some point delivered by a truck driver. Diesel engines keep trucks on the road and keep boats and important heavy equipment working. As long as society depends on these machines to get big jobs done, demand will be high for trained workers who can repair and maintain them.

## PROGRAMS AVAILABLE

Associate of Applied Science  
1-Year Certificate

## WHAT YOU'LL LEARN

Basic diesel engine maintenance  
Hydraulics & electronics  
Powertrain  
Brakes  
Engine diagnostics

## TYPICAL JOBS AFTER COMPLETION

Diesel Service Technician  
Bus & Truck Mechanic & Diesel Engine Specialist  
Boat Diesel Motor Mechanic  
Tractor Service Technician

## MEDIAN PAY

\$43,860 per year for diesel engine specialists in the Texarkana area.

## JOB OUTLOOK

Job opportunities in diesel engine repair are expected to grow by 12% 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  
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