Diesel Technology | Associate of Applied Science
Brandon Washington | Dean of Workforce | brandon.washington@texarkanacollege.edu | 903.823.3232

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 I
- BCIS 1305 OR EDUC 1300 - Business/Learning Frame
- College Level Math or Natural Science
- Social Science Elective
- Art/Drama/Music Elective

SELECTION 1 | SELECTION 2
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DEMR 1301 | LEAD 1100
DEMR 1405 | DEMR 2412
DEMR 1406 | DEMR 1317
DEMR 1421 | DEMR 1323

SELECTION 3 | SELECTION 4
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DEMR 2332 | SPCH 1315 (core)
DEMR 1449 | ENGL 1301 (core)
DEMR 2334 | BCIS 1305 or EDUC 1300 (core)
DEMR 2266 | College Level Math (core) or Natural Science
DEMR 1410 | Social Science 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.

OTHER INTERESTS
If you’re interested in Diesel Technology, you may be interested in these other programs in Automotive & Diesel Technology as well: Auto Body Technology | Automotive Technology | Professional Driving Academy

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.

TEXARKANA COLLEGE
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texarkanacollege.edu | 903.823.3456

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Human Resources Director, 2500 N. Robison Rd., Texarkana, TX, 75599 (903) 823-3017 human.resources@texarkanacollege.edu