

**University of Arkansas
East Arkansas Community College
Technical Certificate in Diesel Technology**

UA-EACC's Diesel Technology program prepares students for entry-level positions needed in medium and heavy truck service and repair, fleet management, or agricultural applications. Throughout the program, learners will use troubleshooting techniques to make a quick and accurate diagnosis of problems and make necessary adjustments and repairs. Topics will include diesel engines, preventative maintenance, electrical and electronic systems, drive train, and hydraulic and pneumatic systems. Potential occupations include, Diesel Technician, Fleet Maintenance Technician, Fuel Injection Technician, and Alignment Specialist.

I. Term I	Credit Hours	Semester	Year	Grade
ENG 1033 Communication Skills I or Higher	3			
DST 1004 Introduction to Diesel Engines	4			
DST 1012 Brakes and ABS	2			
DST 1023 Service Maintenance	3			
DST 2004 Diesel Engine Diagnostics and Repair	4			
Total Semester Hours	16			
II. Term II	Credit Hours	Semester	Year	Grade
MTH 1083 Technical Mathematics	3			
DST 1014 Introduction to Fuel Systems	4			
DST 1102 Trailer Suspension and Brakes	2			
DST 2113 Heavy Duty Transmissions	3			
DST 2124 Advanced Diesel Engine Diagnostics and Repair	4			
Total Semester Hours	16			
III. Term III	Credit Hours	Semester	Year	Grade
DST 2133 HVAC Service and Diagnostics	3			
DST 2243 Diesel Service Technology Capstone OR DST 2253 Internship	3			
Total Semester Hours	6			
Total Certificate Hours	38			