

Central Texas College District
Associate of Applied Science in Diesel Engine Technician and Maintainer (AAS-DEM15) (AAS-DEMR)
 Fort Hood, TX

<p>Degree Objective- Prepares graduates for a career in diesel occupations such as heavy duty truck technicians, technical diesel representatives; or parts or service managers. Degree plan comprises 60 semester credit hours of which 45 are in electronic and mechanical fuel injection, chassis maintenance, vehicle inspection, tune-up, engine overhaul, brake service, transmission repair, and related subjects. The degree may be appropriate for transfer into a technical-related, bachelor-level degree program.</p>	<p>POINT OF CONTACT Debbie Hansen, Director of Evaluations & Graduation P.O. Box 1800, Killeen, TX 76540 (254) 526-1394 or (800) 792-3348, ext. 1394 (254) 526-1481 FAX debbie.hansen@ctcd.edu www.ctcd.edu</p>
<p>Academic Residency- 15 semester hours</p>	

DEGREE REQUIREMENTS			HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG See Note 2
General Education			15 SH					
English			3 SH					
ENGL 1301	Composition I	3	X			X		X
Speech			3 SH					
SPCH 1315	Public Speaking	3	X			X		X
SPCH 1321	Business and Professional Communications	3	X					X
Humanities/Fine Arts			3 SH					
ANTH 2351	Cultural Anthropology	3	X					X
ARTS 1303	Art History I	3	X					X
ARTS 1304	Art History II	3	X					X
DRAM 1310	Theater Appreciation	3	X					
DRAM 2361	History of Theatre I	3	X					
DRAM 2362	History of Theatre II	3	X					
DRAM 2366	Film Appreciation	3	X					
ENGL 2322	British Literature I	3	X			X		X
ENGL 2323	British Literature II	3	X			X		X
ENGL 2327	American Literature I	3	X			X		X
ENGL 2328	American Literature II	3	X			X		X
ENGL 2332	World Literature I	3	X					X
HUMA 1315	Fine Arts Appreciation	3	X			X		X
MUSI 1306	Music Appreciation	3	X					X
MUSI 1307	Music Literature	3	X					X
PHIL 1301	Introduction to Philosophy	3	X					X
PHIL 1304	Introduction to World Religions	3	X			X		X
PHIL 2306	Introduction to Ethics	3	X					X
PHIL 2307	Introduction to Social and Political Philosophy	3	X					X
PHIL 2321	Philosophy of Religion	3	X					
Mathematics			3 SH					
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	3	X			X		X
Government/Political Science			3 SH					
GOVT 2305	Federal Government	3	X			X		X
GOVT 2306	Texas Government	3	X					
Major Requirements*			45 SH					
DEMR 1301	Shop Safety and Procedures	3	X	X	X			
DEMR 1306	Diesel Engine I	3	X	X			X	
DEMR 1330	Steering and Suspension I	3	X				X	
DEMR 1405	Basic Electrical Systems	4	X	X			X	
DEMR 1410	Diesel Engine Testing and Repair I	4	X	X			X	
DEMR 1416	Basic Hydraulics	4	X				X	
DEMR 1417	Basic Brake Systems	4	X	X			X	
DEMR 1423	Heating, Ventilation, and Air Conditioning, Troubleshooting and Repair	4	X					
DEMR 1447	Power Tran II	4	X					
DEMR 1449	Diesel Engine II	4	X				X	
DEMR 2434	Advanced Diesel Tune-Up and Troubleshooting	4	X				X	
DEMR 2488	Internship-Diesel Mechanics Technology/Technician	4	X	X				
Total Credits			60 SH					

- Notes:**
- 1) An "X" in a column indicates that the Institution guarantees to accept credit from the source shown for at least part of the requirement.
 - 2) This column indicates whether a school accepts transfer credit for courses taken through distance learning. It does not mean that the school offers the course through distance learning.
 - 3) A course may be used toward one requirement only.
 - 4) Only lower-level courses are accepted in transfer.
 - 5) The student is responsible for meeting course prerequisites. It is recommended that the student take placement tests prior to enrolling in mathematics, reading-intensive, and writing courses. Based on scores, the student may be required to take a series of developmental study courses.
- *If the student takes more than 18 SH in general education, the number of semester hours required in free electives is reduced accordingly to meet the minimum 72 semester hours required for the degree. For example, if the student takes 19 SH in general education, the student takes 2 SH free electives. The student may also use credit awarded for MOS or military service school. Soldiers that exceed the 72 hours required will need to request an ESO override for additional credits.

Date Effective:	1-Jul-20
Term Effective:	T790