

Central Texas College District
Associate of Applied Science in Diesel Engine Mechanic and Repairer (AAS-DEM15) (AAS-DEMR)
 SOCAD-2 Network: None
 Fort Hood, TX

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.

POINT OF CONTACT

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Academic Residency- 15 semester hours

DEGREE REQUIREMENTS			SOC CAT.	HOME COLLEGE	ARMY SCHOOL	ARMY MOS	TESTS	CERT/ LIC	DIST LRNG See Note 2
General Education			15-17 SH						
English			3 SH						
ENGL 1301	Composition I	3	EN201A	X			X		X
Speech			3 SH						
SPCH 1315	Public Speaking	3	CM001A	X			X		X
SPCH 1321	Business and Professional Communications	3		X					X
Humanities/Fine Arts			3-4 SH						
ANTH 2351	Cultural Anthropology	3	AN002A	X					X
ARAB 1411	Beginning Arabic I	4		X	X		X		X
ARAB 1412	Beginning Arabic II	4		X	X		X		X
ARAB 2311	Intermediate Arabic I	3		X	X		X		X
ARAB 2312	Intermediate Arabic II	3		X	X		X		X
ARTS 1303	Art History I	3		X					X
ARTS 1304	Art History II	3		X					X
ARTS 1311	Design I	3		X					
ARTS 1312	Design II	3		X					
ARTS 1316	Drawing I	3		X					
ARTS 1317	Drawing II	3		X					
ARTS 2311	Design III	3		X					
ARTS 2313	Design Communications I	3		X					
ARTS 2314	Design Communications II	3		X					
ARTS 2316	Painting I	3		X					
ARTS 2317	Painting II	3		X					
ARTS 2323	Life Drawing I	3		X					
ARTS 2341	Art Metals I	3		X					
ARTS 2346	Ceramics I	3		X					
ARTS 2347	Ceramics II	3		X					
ARTS 2356	Photography I	3		X	X				
ARTS 2357	Photography II	3		X					
ARTS 2366	Watercolor I	3		X					
CHIN 1411	Beginning Chinese I	4		X	X		X		X
CHIN 1412	Beginning Chinese II	4		X	X		X		X
CHIN 2311	Intermediate Chinese I	3		X	X		X		X
CHIN 2312	Intermediate Chinese II	3		X	X		X		X
DRAM 1310	Introduction to Theater	3		X					
DRAM 1330	Stagecraft I	3		X					
DRAM 1342	Introduction to Costume	3		X					
DRAM 1351	Acting I	3		X					
DRAM 1352	Acting II	3		X					
DRAM 2336	Voice for the Theater	3		X					
DRAM 2361	History of Theatre I	3		X					
DRAM 2362	History of Theatre II	3		X					
DRAM 2366	Introduction to Cinema	3		X					
ENGL 2322	British Literature I	3	EN342A	X			X		X
ENGL 2323	British Literature II	3	EN343A	X			X		X
ENGL 2327	American Literature I	3	EN332A	X			X		X
ENGL 2328	American Literature II	3	EN333A	X			X		X
ENGL 2332	World Literature I	3	EN322A	X					X
ENGL 2333	World Literature II	3	EN323A	X					X
FREN 1411	Beginning French I	4		X	X		X		X
FREN 1412	Beginning French II	4		X	X		X		X

FREN	2311	Intermediate French I	3		X	X		X		X
FREN	2312	Intermediate French II	3		X	X		X		X
GERM	1411	Beginning German I	4		X	X		X		X
GERM	1412	Beginning German II	4		X	X		X		X
GERM	2311	Intermediate German I	3		X	X		X		X
GERM	2312	Intermediate German II	3		X	X		X		X
HIND	1411	Beginning Hindi I	4		X	X		X		X
HIND	1412	Beginning Hindi II	4		X	X		X		X
HIND	2311	Intermediate Hindi I	3		X	X		X		X
HIND	2312	Intermediate Hindi II	3		X	X		X		X
HUMA	1315	Fine Arts Appreciation	3		X			X		X
INDO	1411	Beginning Indonesian I	4		X	X		X		X
INDO	1412	Beginning Indonesian II	4		X	X		X		X
INDO	2311	Intermediate Indonesian I	3		X	X		X		X
INDO	2312	Intermediate Indonesian II	3		X	X		X		X
ITAL	1411	Beginning Italian I	4							
ITAL	1412	Beginning Italian II	4		X	X		X		X
ITAL	2311	Intermediate Italian I	3		X	X		X		X
ITAL	2312	Intermediate Italian II	3		X	X		X		X
JAPN	1411	Beginning Japanese I	4		X	X		X		X
JAPN	1412	Beginning Japanese II	4		X	X		X		X
JAPN	2311	Intermediate Japanese I	3		X	X		X		X
JAPN	2312	Intermediate Japanese II	3		X	X		X		X
KORE	1411	Beginning Korean I	4		X	X		X		X
KORE	1412	Beginning Korean II	4		X	X		X		X
KORE	2311	Intermediate Korean I	3		X	X		X		X
KORE	2312	Intermediate Korean II	3		X	X		X		X
MUSI	1116	Sight Singing and Ear Training I	1		X	X		X		
MUSI	1117	Sight Singing and Ear Training II	1		X	X				
MUSI	1181	Class Piano I	1		X			X		
MUSI	1183	Class Voice I	1		X					
MUSI	1188	Percussion Class I	1		X	X		X		
MUSI	1192	Class Guitar I	1		X			X		
MUSI	1301	Fundamentals of Music I	3		X	X		X		
MUSI	1304	Foundations of Music	3		X			X		
MUSI	1306	Music Appreciation	3		X					X
MUSI	1307	Music Literature	3		X					X
MUSI	1311	Music Theory I	3		X	X		X		
MUSI	1312	Music Theory II	3		X	X				
MUSI	2311	Music Theory III	3		X					
MUSI	2312	Music Theory IV	3		X					
PASH	1411	Beginning Pashtu I	4		X	X		X		X
PASH	1412	Beginning Pashtu II	4		X	X		X		X
PASH	2311	Intermediate Pashtu I	3		X	X		X		X
PASH	2312	Intermediate Pashtu II	3		X	X		X		X
PERS	1411	Beginning Persian-Iranian/Afghan I	4		X	X		X		X
PERS	1412	Beginning Persian-Iranian/Afghan II	4		X	X		X		X
PERS	2311	Intermediate Persian-Iranian/Afghan I	3		X	X		X		X
PERS	2312	Intermediate Persian-Iranian/Afghan II	3		X	X		X		X
PHIL	1301	Introduction to Philosophy	3	PL079A	X					X
PHIL	1304	Introduction to World Religions	3		X			X		X
PHIL	2303	Introduction to Logic	3		X					X
PHIL	2306	Introduction to Ethics	3	PL081A	X					X
PHIL	2307	Introduction to Social and Political Philosophy	3		X					X
PHIL	2321	Philosophy of Religion	3		X					
PORT	1411	Beginning Portuguese I	4		X	X		X		X
PORT	1412	Beginning Portuguese II	4		X	X		X		X
PORT	2311	Intermediate Portuguese I	3		X	X		X		X
PORT	2312	Intermediate Portuguese II	3		X	X		X		X
PUNJ	1411	Beginning Punjabi I	4		X	X		X		X
PUNJ	1412	Beginning Punjabi II	4		X	X		X		X
PUNJ	2311	Intermediate Punjabi I	3		X	X		X		X
PUNJ	2312	Intermediate Punjabi II	3		X	X		X		X
RUSS	1411	Beginning Russian I	4		X	X		X		X
RUSS	1412	Beginning Russian II	4		X	X		X		X
RUSS	2311	Intermediate Russian I	3		X	X		X		X
RUSS	2312	Intermediate Russian II	3		X	X		X		X
SPAN	1411	Beginning Spanish I	4		X	X		X		X
SPAN	1412	Beginning Spanish II	4		X	X		X		X
SPAN	2311	Intermediate Spanish I	3		X	X		X		X

SPAN 2312	Intermediate Spanish II	3		X	X		X		X
SPCH 2341	Oral Interpretation	3		X					
TURK 1411	Beginning Turkish I	4		X	X		X		X
TURK 1412	Beginning Turkish II	4		X	X		X		X
TURK 2311	Intermediate Turkish I	3		X	X		X		X
TURK 2312	Intermediate Turkish II	3		X	X		X		X
URDU 1411	Beginning Urdu I	4		X	X		X		X
URDU 1412	Beginning Urdu II	4		X	X		X		X
URDU 2311	Intermediate Urdu I	3		X	X		X		X
URDU 2312	Intermediate Urdu II	3		X	X		X		X
	Humanities/Fine Arts Elective						X		X
Mathematics		3 - 4 SH							
MATH 1332	Contemporary Mathematics (Quantitative Reasoning)	3	MH051A	X			X		X
Social/Behavioral Science		3 SH							
GOVT 2305	Federal Government	3		X			X		X
Major Requirements*		45 SH							
DEMR 1306	Diesel Engine I	3	VO019A	X	X			X	
DEMR 1321	Power Train I	3		X	X			X	
DEMR 1330	Steering and Suspension I	3		X				X	
DEMR 1401	Shop Safety and Procedures	4		X	X	X			
DEMR 1405	Basic Electrical Systems	4	VO003A	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 2412	Diesel Engine Testing and Repair II	4	VO019A	X				X	
DEMR 2434	Advanced Diesel Tune-Up and Troubleshooting	4		X				X	
DEMR 1449	Diesel Engine II	OR 4		X				X	
DEMR 2488	Internship-Diesel Mechanics Technology/Technician	4	VO016A	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 unless a CTC equivalent course is listed in the appropriate SOC transfer guarantee.
 - 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.
 - a) Mathematics courses may include DSMA 0101 Basic Developmental Mathematics, DSMA 0120 Mathematics Lab, DSMA 0300 Developmental Mathematics I, DSMA 0301 Developmental Mathematics II, DSMA 0303 Developmental Mathematics IV, DSMA 0304 Fundamentals of Mathematics II, DSMA 0305 Pre-Algebra, DSMA 0306 Introductory Algebra, DSMA 0307 Intermediate Algebra, DSMA 0309 Fundamentals of Algebra, and/or DSMA 0310 Intermediate Algebra.
 - b) Reading courses may include DSRE 0101 Developmental Reading, DSRE 0300 Developmental Reading I, DSRE 0301 Developmental Reading II, DSRE 0302 Fundamentals of Reading I, DSRE 0303 Fundamentals of Reading II, and/or DSRE 0311 Developmental Reading II.
 - c) Writing courses may include DSWR 0301 Developmental Writing I, DSWR 0302 Developmental Writing II, DSWR 0303 Fundamentals of Writing I, DSWR 0304 Fundamentals of Writing II, and/or DSWR 0311 Developmental Writing II.
 - 6) The non-native English speaking student may be required to take English-as-a-Second Language courses in reading, speaking, and writing.
 - a) Reading courses may include DSLA 0310 Reading and Vocabulary I, DSLA 0320 Reading and Vocabulary II, and/or DSLA 0330 Reading and Vocabulary III.
 - b) Speaking courses may include DSLA 0323 Academic Listening and Speaking I, DSLA 0322 Academic Listening and Speaking II, DSLA 0332 Academic Listening and Speaking III, and/or DSLA 0340 Accent Reduction.
 - c) Writing courses may include DSLA 0314 Writing I, DSLA 0315 Grammar I, DSLA 0318 English for Foreign Students I, and/or DSLA 0321 Writing II.
- *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-17
Term Effective	T670