



DIESEL TECHNOLOGY CAREER PATHWAY MAP

✓	RECOMMENDED COURSE SEQUENCE	SEMESTERS OFFERED	CREDIT HOURS
<input type="checkbox"/>	1. DEMR 1406 Diesel Engine I	F	4
<input type="checkbox"/>	2. DEMR 1410 Diesel Engine Testing and Repair	F	4
<input type="checkbox"/>	3. DEMR 1305 Basic Electrical Systems	F	3
<input type="checkbox"/>	4. DEMR 1291 Special Topics, Prof Development	F	2
			<i>13 hours</i>
<input type="checkbox"/>	5. DEMR 1413 Fuel Systems Management	Sp	4
<input type="checkbox"/>	6. DEMR 2432 Electronic Engine Controls	Sp	4
<input type="checkbox"/>	7. DEMR 1421 Power Train I	Sp	4
<input type="checkbox"/>	8. DEMR 1317 Basic Brake Systems	Sp	3
<input type="checkbox"/>	9. DEMR 1280 Internship	Sp	2
			<i>30 hours</i>
<input type="checkbox"/>	10. DEMR 1323 HVAC Troubleshooting and Repair	Su	3
<input type="checkbox"/>	11. DEMR 1316 Basic Hydraulics	Su	3
<input type="checkbox"/>	12. DEMR 1371 Alternative Fueled Vehicles	Su	3
<input type="checkbox"/>	13. DEMR 1380 Internship	Su	3
	*** CERTIFICATE IN DIESEL TECHNOLOGY EARNED ***		42 hours
<input type="checkbox"/>	14. ENGL 1301 Composition I	F, Sp, Su	3
<input type="checkbox"/>	15. PHIL 1301 Introduction to Philosophy *	F, Sp, Su	3
<input type="checkbox"/>	16. MATH 1332 Contemporary Mathematics *	F, Sp, Su	3
<input type="checkbox"/>	17. SOCI 1301 Introductory Sociology *	F, Sp, Su	3
<input type="checkbox"/>	18. SPCH 1315 Public Speaking *	F, Sp, Su	3
<input type="checkbox"/>	19. WLDG 1421 Welding Fundamentals *	F, Sp	4
	*** ASSOCIATE OF APPLIED SCIENCE EARNED *** NOTE: Check with the Office of Financial Aid as aid may not be available beyond degree completion and/or 60 hours.		61 hours

READ ALL NOTES CAREFULLY:

- * Refer to Core Curriculum and KC Catalog for all possible course options.
- a) Courses in **bold** have a pre-requisite (previous course required).
- b) Courses in *italics* can be taken in any order.
- c) ENGL 1301 and the first MATH class may require a co-requisite and/or developmental course depending on TSI Scores.
- d) Refer to KC Catalog for Certificate Requirements.

CAREER OPPORTUNITIES

MD and HD Truck Technician (Class 4-8 Trucks)
Heavy Equipment Technician (Earth Moving, Construction)
Industrial Eqmt. Technician (Electrical Power Generation)
Oilfield, Agriculture, Natural Gas, and Marine Technician

ADVANCED DEGREE/CREDENTIAL OPPORTUNITIES

Automotive Service Excellence (ASE) Certifications
ESCO: EPA Section 609 Refrigerant Certification
DOT Brake Certification

LINKS TO COLLEGES AND PROFESSIONAL ORGANIZATIONS:

ASE <https://www.ase.com/Home.aspx>
ESCO <https://www.escogroup.org/>
DOT <https://www.fmcsa.dot.gov/regulations/title49/part/396>

CONTACT INFORMATION

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