

DIESEL TECHNOLOGY CERTIFICATE OF APPLIED SCIENCE

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Diagnose problems throughout the eight ASE areas in medium/heavy trucks
- Perform diagnosis techniques and proper repair procedures
- Demonstrate proper techniques and practices associated health and safety hazards

Required Courses

Code	Title	Credits
COMX 106	Comm in a Dynamic Workplace	3
DST 101	Power Trains	3
DST 117	Intro to Diesel Fuel Systems	4
DST 140	Intro to Hydraulics	2
DST 141	Intro to Hydraulics Lab	2
DST 250	Heavy Duty Chassis	5
M 111	Technical Mathematics	3
TRID 150	Environ/Shop Practices	2
TRID 170	Engine Theory	4
TRID 181	Transport Elect Systems Lec	2
TRID 182	Transport Elect Systems Lab	2
WRIT 104	Workplace Communications	3
Total Minimum Credits		35

Students should check the course descriptions for required prerequisites. Math and English requirements are usually determined by performance on placement tests or transfer credits.

Suggested Plan of Study

Code	Title	Credits
First Semester		
DST 140	Intro to Hydraulics	2
DST 141	Intro to Hydraulics Lab	2
COMX 106	Comm in a Dynamic Workplace	3
TRID 150	Environ/Shop Practices	2
TRID 170	Engine Theory	4
TRID 181	Transport Elect Systems Lec	2
TRID 182	Transport Elect Systems Lab	2
Total		17
Second Semester		
DST 117	Intro to Diesel Fuel Systems	4
DST 250	Heavy Duty Chassis	5
DST 101	Power Trains	3
M 111	Technical Mathematics	3
WRIT 104	Workplace Communications	3
Total		18