

# DIESEL TECHNOLOGY CERTIFICATE OF APPLIED SCIENCE

Upon successful completion of this program a student will be able to:

- Inspect, diagnose, and repair mobile hydraulic systems
- Inspect, diagnose, and repair diesel fuel systems
- Inspect, diagnose, and repair diesel engines
- Inspect, diagnose, and repair heavy duty power trains
- Inspect, diagnose, and repair heavy duty chassis systems

Code	Title	Credits
<b>Required Courses</b>		
COMX 106	Comm in a Dynamic Workplace	3
DST 101	Power Trains	2
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	6
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	6
DST 101	Power Trains	2
M 111	Technical Mathematics	3
WRIT 104	Workplace Communications	3
Total		18