

Advanced Technical Certificate: On-Site Power Generation Technology

(2 Years)

Code	Title	Credits
Required Courses:		
DESL 0101	Safety and Introduction to Shop Practices	2
DESL 0102	Introduction to Electrical	1
DESL 0103	Electrical Systems	3
DESL 0107	Basic Diesel Electrical Systems	2
DESL 0109	Cab Climate Control	2
DESL 0113	Diesel Engine Fuel Systems	2
DESL 0115	Diesel Hydraulics I	2
DESL 0125	Heavy Duty Power Trains	8
DESL 0184	Diesel Engine Technology	5
DESL 0186	Diesel Engine Electrical Systems	2
DESL 0190	Diesel Engine Emission Systems	1
DESL 0215	Advanced Hydraulics	6
DESL 0217	Advanced Engine Electronics Systems	4
DESL 0231	Live Work Capstone Class	8
or DESL 0232	Internship Capstone Class	
DESL 0241	On Site Power Generation I	8
DESL 0243	On Site Power Generation II	8
TGE 0158	Employment Strategies	2
TGE 1150	Applied Social Sciences in the Workplace ¹	3
COMM 1101	Fundamentals of Oral Communication ¹	3
Total Credits		72

Code	Title	Credits
Elective Courses:		
DESL 0298	Special Topics	1-8
WELD 0105	Welding	1-4

¹ Contributes to a General Education requirement.