

# IDAHO STATE UNIVERSITY COLLEGE OF TECHNOLOGY

## ***PROGRAM TITLE: DIESEL/ON-SITE POWER GENERATION TECHNOLOGY***

### COURSE SEQUENCE

#### 1st and 2nd Sessions

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 101	Introduction to Diesel Technology	2
x	x	DESL 107	Fundamentals of Electricity	6

#### 3rd Session

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 115	Diesel Hydraulics	2
x	x	DESL 116	Power Shift Transmissions	3
x	x	DESL 117	Heavy Duty Brake Systems	2
x		TGE 151	Technical Writing I	2

#### 4th Session

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 109	Cab Air Conditioning	1
x	x	DESL 113	Diesel Fuel Systems	6
x	x	COMM 101	Principles of Speech	3

#### 5th Session

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 125	Heavy Duty Power Trains	7
x		TGE 152	Technical Writing II	2

#### 6th Session

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 182	Gasoline Engines	2
x	x	DESL 184	Diesel Engines	5
x		TGE 158	Employment Strategies	2

## 7th Session

ATC	AAS	Course #	Course Title	Credits
either	either	DESL 231	Diesel Livework I	8
or	or	{ DESL 251 }	Diesel Internship	{8}

## 8th &amp; 9th Sessions - On-Site Power Generation Technology Only

ATC	AAS	Course #	Course Title	Credits
x	x	DESL 241	On-Site Power Generation I	8
x	x	DESL 243	On-Site Power Generation II	8

**Students will also need to schedule the following classes if they are seeking the Associate of Applied Science degree:** ENGL 101; three (3) credits from Goal 3 (mathematics); three (3) credits from Goals 6, 7, 9, 10A, 11, or 12; and four (4) additional credits from any courses meeting the requirements of Goals 2 through 12.