

# CERTIFICATES AND DEGREES

<b>Technical Certificate C</b>		
<b>Freshman: First Semester</b>		
Course #	Course Name	Credits
INF 101	Intro to Computer Information Systems (or Science elective) <sup>070</sup>	3
DSL 105	Tools, Fasteners, & Fittings	1
DSL 115	Air Conditioning	3
DSL 170	Fundamentals of Hydraulics	2
DSL 175	Hydraulic Pumps & Motors	2
DSL180	Hydraulic Valves & Cylinders	2
TEC 105	OSHA 10 General Industry	1
<b>Freshman: Second Semester</b>		
Course #	Course Name	Credits
ENG 105	Technical Writing (or English Composition) <sup>010</sup>	3
DSL 110	Electrical/Electronic Systems	5
DSL 135	Advanced Electrical/Electronic Systems	5
DSL 140	Preventative Maintenance	3
DSL 155	Diesel Fuel System	4
<b>Sophomore: First Semester</b>		
Course #	Course Name	Credits
DSL 200	Orientation & Safety	1
DSL 273	Diesel Engines I	5
DSL 278	Electronic Controls, Sensors & Senders	3
<b>Sophomore: Second Semester</b>		
Course #	Course Name	Credits
DSL 250	Powertrains	1
DSL 255	Clutches	1
DSL 260	Transmission	4
DSL 265	Drive Trains	4
DSL 270	Suspension and Steering	3
DSL 275	Brakes	3
<b>Total Certificate Credits</b>		<b>59</b>

<b>Credentials (ASE Entry-Level Certifications)</b>
<ul style="list-style-type: none"> <li>- Diesel Engines</li> <li>- Electrical/Electronic Systems</li> <li>- Brakes</li> <li>- Suspension and Steering</li> </ul>

<b>Associate of Applied Science</b>		
<b>Freshman: First Semester</b>		
Course #	Course Name	Credits
INF 101	Intro to Computer Information Systems (or Science elective) <sup>070</sup>	3
DSL 105	Tools, Fasteners, & Fittings	1
DSL 115	Air Conditioning	3
DSL 170	Fundamentals of Hydraulics	2

DSL 175	Hydraulic Pumps & Motors	2
DSL180	Hydraulic Valves & Cylinders	2
TEC 105	OSHA 10 General Industry	1
<b>Freshman: Second Semester</b>		
Course #	Course Name	Credits
ENG 105	Technical Writing (or English Composition) <sup>010</sup>	3
DSL 110	Electrical/Electronic Systems	5
DSL 135	Advanced Electrical/Electronic Systems	5
DSL 140	Preventative Maintenance	3
DSL 155	Diesel Fuel System	4
<b>Sophomore: First Semester</b>		
Course #	Course Name	Credits
FIN 205	Principles of Personal Finance (Required) <sup>070</sup>	3
DSL 200	Orientation & Safety	1
DSL 273	Diesel Engines I	5
DSL 278	Electronic Controls, Sensors & Senders	3
<b>Sophomore: Second Semester</b>		
Course #	Course Name	Credits
DSL 250	Powertrains	1
DSL 255	Clutches	1
DSL 260	Transmission	4
DSL 265	Drive Trains	4
DSL 270	Suspension and Steering	3
DSL 275	Brakes	3
TEC 200	Workplace Ethics (Required or Trans. Cr.) <sup>060</sup>	3
MATH 102	Technical Math (or Math Elective) <sup>030</sup>	3
<b>Total Degree Credits</b>		<b>68</b>

### Credentials (ASE Entry-Level Certifications)

- Diesel Engines
- Electrical/Electronic Systems
- Brakes
- Suspension and Steering

### Systemwide General Education (SGE) Key

- 010 English
- 020 Communications
- 030 Math & Statistics
- 040 Natural & Physical Sciences
- 050 Social & Behavioral Science
- 060 Arts & Humanities
- 070 Institutionally Designated

\* Course descriptions for General Education courses can be found in the General Education section of the College Catalog.