



Power Associates Program
Curriculum at Trident Technical College

A student who successfully completes the below courses will be awarded an associate degree in Applied Science.

The graduate will also earn three certificates:

- Certificate in Applied Science (Electrician: Automated Controls)
- Certificate in Applied Science (Electrician: Industrial)
- Certificate in Applied Science (Industrial Mechanic)

Trident Technical College courses are shown.
For more information, visit www.tridenttech.edu
Sequencing of classes is subject to change

1st Semester –Fall –Total of 14 credits

English Composition	ENG 101	3
Mechanical Power Applications	IMT161	4
DC Circuits I	EEM 113	2
DC Circuits II	EEM 114	2
Contemporary Mathematics	MAT 155	3

2nd Semester –Spring –Total of 14 credits

AC Circuits I	EEM 119	2
AC Circuits II	EEM120	2
Introduction to Computers	CPT 101	3
Preventative Maintenance	IMT 160	3
Hydraulics	IMT 132	2
Pneumatics	IMT 133	2

3rd Semester –Summer –Total of 14 credits

AC/DC Machines with Electrical Codes I	EEM 218	2
AC/DC Machines with Electrical Codes II	EEM 219	2
AC/DC Drives	EEM 221	3
Pumps	IMT 124	2
Motor Controls	IMT 151	3
Mechanical Sketching	IMT 105	2

4th Semester –Fall –Total of 16 credits

Solid State Devices I	EEM 129	2
Solid State Devices II	EEM 130	2
Required Social Science	SSC	3
Required Communications	COM	3
Programmable Controllers	EEM 251	3
Programmable Controllers Applications	EEM 252	3

5th Semester –Spring –Total of 16 credits

Principles of Instrumentation	EIT 110	3
Computers & PLC's in Instrumentation	EIT 244	3
Motor Controls I	EEM 151	4
Problem Solving for Mechanical Applications	IMT 163	3
Required Humanities	HUM	3