



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](http://www.tridenttech.edu)  
\*\*Sequencing of classes is subject to change\*\*

**1st Semester – Fall – Total of 16 credits**

Pumps	IMT 124	2
College Skills	COL 103	3
AC/DC Circuits I	EEM 117	4
Hydraulics and Pneumatics	IMT 131	4
Contemporary Mathematics	MAT 155	3

**2<sup>nd</sup> Semester – Spring – Total of 14 credits**

Basic Communication	ENG 150	3
Must test into ENG 100		
AC/DC Circuits II	EEM 118	4
Solid State Devices	EEM 131	4
Preventive Maintenance	IMT 160	3

**3<sup>rd</sup> Semester – Summer – Total of 15 credits**

English Composition	ENG 101	3
AC/DC Machines	EEM 217	4
AC/DC Drives	EEM 221	3
Drive Systems	IMT 121	2
Introduction to Computers	CPT 101	3

**4<sup>th</sup> Semester – Fall – Total of 14 credits**

Motor Controls	EEM 151	3
Programmable Controllers	EEM 251	3
Mechanical Sketching	IMT 105	2
Humanities Elective (any)		3
Communication (any)		3

**5<sup>th</sup> Semester – Spring – Total of 12 credits**

Programmable Controllers Applications	EEM 252	3
Piping Systems	IMT 151	3
Problem Solving Mechanical Applications	IMT 163	3
Behavioral/Social Sciences Elective (any)		3