



Power Associates Program
Curriculum at Orangeburg-Calhoun Technical College

A student who successfully completes the below courses will be awarded an associates degree in Occupational Technology.

Orangeburg-Calhoun Technical College courses are shown.

For more information, visit www.octech.edu

Sequencing of classes is subject to change

1st Semester-Fall (16 credits)

DC Circuits*	EEM 115	4
College Skills	COL 103	3
Contemporary Math	MAT 155	3
Hydraulics and Pneumatics*	MET 224	3
Introduction to Process Control (NCCER)	IMT 229	3

2nd Semester-Spring (16 credits)

AC Circuits*	EEM 116	4
Precision Measuring (NCCER)	IMT 235	3
Packing and Seals (NCCER)	IMT 223	3
Technology and Culture	HSS 105	3
Technical Communications	ENG 160	3

3rd Semester-Summer (11 or 12credits)

Solid State Devices*	EEM 131	4
Digital Electronics (PLTW)	EET 140	3
And		
Digital Electronics Laboratory	EET 143	4
Or		
Digital Electronics*	EEM 230	4
Programmable Controllers*	EEM 251	3
Fundamentals of CAD (PLTW)	EGT 152	3

4th Semester-Fall (15 credits)

Programmable Controller Applications*	EEM 252	3
DC/AC Machines*	EEM 215	3
Control Circuits*	EEM 145	3
Conventional Alignment and Valves (NCCER)	IMT 227	3
Piping Systems*	IMT 151	3

5th Semester-Spring (18 credits)

Power Systems*	EEM 235	3
Reliability Centered Maintenance (NCCER)	IMT 230	3
DC/AC Drives*	EEM 221	3
Electronic Trouble Shooting*	EET 261	3
Human Relations	PSY 103	3
Introduction to Humanities	HSS 101	3