

Electrical Power Production (A50130)

Associate in Applied Science

Full Time Program Guide

Program Notes:

- This program requires Work-Based Learning (WBL). For WBL courses, students must complete an intake form with their advisor.
- Credit for prior learning may be available for some courses.
- ENG 111 must be taken before ENG 112.

Program Options: Electrical Power Production offers an associate degree (A50130).

Financial Aid Eligibility: Yes

Course #	Course Name	Credit Hrs.	Term Offered	Term Completed	Grade
Fall Semester					
ACA 122	College Transfer Success	1	F, S, SU		
ENG 111	Writing and Inquiry	3	F, S, SU		
MAT 171	Pre-Calculus Algebra	4	F, S, SU		
ISC 112	Industrial Safety	2	F		
EPP 110	Intro to Power Plant Operations	2	F		
EPP 112	Fuels & Combustion	3	F		
Semester Totals:		15			
Spring Semester					
CIS 110	Intro to Computers	3	F, S, SU		
ELC 112	DC/AC Electricity	5	S		
ENG 112	Argument-Based Research	3	F, S, SU		
HYD 110	Hydraulics/Pneumatics	3	S		
BPR 115	ELC/Fluid Power Diagrams	2	S		
Semester Totals:		16			
Summer Semester					
ELC 117	Motors and Controls	4	SU		
WBL 111	Work-Based Learning I	1	F, S, SU		
WBL 115	Work-Based Learning Seminar I	1	F, S, SU		
Semester Totals:		6			
Fall Semester					
ELC 128	Intro to PLC's	3	F		
ELC 213	Instrumentation	4	F		
EPP 210	Power Plant Systems	3	F		
ISC 170	Problem Solving	3	F		
PSY 150	General Psychology	3	F, S, SU		

		Semester Totals:	16	
Spring Semester				
WAT 120	Intro to Water Treatment	2	S	
MNT 230	Pumps & Piping Systems	2	S	
EPP 212	Steam & Combustion TG	3	S	
EPP 214	Power Plant Environ Mgt	2	S	
ELC 228	PLC Applications	4	S	
XXX	Humanities/Fine Arts Elective	3	See List	
		Semester Totals:	16	
		Program Totals:	69	

Course #	Course Name	Credit Hrs.	Term Offered
<i>Humanities Electives: Choose 1</i>			
HUM 110	Technology and Society	3	S
HUM 115	Critical Thinking	3	F, S, SU