



Associate of Technical Studies in Electrical Systems

Rhodes State College and Apollo Career Center have partnered to provide an opportunity for students to take 30 hours of Electrical training at Apollo and continue their education at Rhodes State College to receive an Associate of Technical Science degree.

Complete the following courses successfully at Apollo Career Center and receive 30 credits toward an Associate of Technical Studies at Rhodes State College.

Rhodes State College will provide the additional 31 (or more) credit hours needed to complete the Associate of Technical Studies.

Apollo Course Name	Hours
Basic Electrical	116
Industrial Health and Safety (OSHA 30 Hr)	36
Electrical Math 1	36
Electrical Math 2	36
Electrical Safety NFPA 70E	32
National Electric Code	36
Electrical Safety/Schematics	36
Single Phase Circuits	36
AC Motor Controls	88
Machine Control Systems	88
Programmable Logic Controllers/AB	60
Programmable Logic Controllers/Siemens	40
First Aid/CPR	8

Course #	Rhode State Course Name	Credit Hours
SDE 1010	First Year Experience	1
ATS 1020	ATS Degree Planning Seminar in IT / ET	0.5
EET 2991	Field Experience	1
EET 1130	Electronics	4
EET 2310	Microcontrollers	4
EET 2970	Capstone	2
COM 1110	English Composition	3
MTH 1260 or MTH 1370 or MTH 1151 or MTH 1210	Math Requirement	3
HST 1610 or HST 1620	American History	3
SOC 1010 or PSY 1010	Psychology or Sociology	3
PHY 1120 or CHM 1110	Physics or Chemistry	3
Choose one Technical Elective from below		
AMT 2060	Controls and Instrumentation	3
CPT 1120	VB Programming	
CPT 2320	C# Programming	
EET 1330	Digital Circuits	
FMS 2110	Basic Robotics	
FMS 2130	Industrial Robotics	
IMT 2260	Industrial Controls	
		Total 30.5

www.RhodesState.edu/enroll

Contact Erik Robey, STEM Chair at robey.e@rhodesstate.edu or 419-995-8071

