

**Plan of Study for the Associate of Technical Studies Degree in
 Electrical Trades Technology*****

Name:	
Social Security Number:	
Advisor:	
Datatel Department Code	ETA
COTC Major Number	003132
OBR Subjectcode	150303

****This Plan of Study is offered Pending the Approval of the Ohio Board of Regents****

1. Courses listed on this Plan of Study may have prerequisites; please see the Course Description Section on the COTC Web Page (COTC Current Students Tab).

Quarter 1 Autumn			Quarter 2 Winter			Quarter 3 Spring		
CMP-1601	Principles of Computing	1.00	ETA-3061	Blueprint Reading & Conduit Fabrication I	2.00	ETA-3081	Physics - DC Theory for Electricians	4.00
ETA-3060	Overview of the Electrical Trades Industry	3.00	ETA-3062	National Electrical Code I	1.00			
			ETA-3080	Math for Electrical Workers I	3.00			
	Total	4.00		Total	6.00		Total	4.00
Quarter 4 Summer			Quarter 5 Autumn			Quarter 6 Winter		
BHS-1382	Sociology	3.00	ETA-3063	National Electrical Code II	6.00	ETA-3082	Physics - AC Theory for Electricians	3.00
COM-1535	Composition I	4.00				ETA-3083	Math for Electrical Workers II	2.00
	Total	7.00		Total	6.00		Total	5.00
Quarter 7 Spring			Quarter 8 Summer			Quarter 9 Autumn		
ETA-3064	Blueprint Reading & Conduit Fabrication II	1.00	BHS-1340	Ethics	3.00	ETA-3084	Physics Electronics for Electricians	4.00
			COM-1536	Composition II	4.00			
ETA-3065	Test Instrument & Safety	3.00						
	Total	4.00		Total	7.00		Total	4.00
Quarter 10 Winter			Quarter 11 Spring			Quarter 12 Summer		
ETA-3066	Electrical Grounding	6.00	ETA-3067	Industrial Blueprints and Advanced Transformers	3.00	COM-1523	Small Group Communication	3.00
						COM-1534	Effective Communications	4.00
			ETA-3068	Advanced Codes & Practices	3.00			
	Total	6.00		Total	6.00		Total	7.00
Quarter 13 Autumn			Quarter 14 Winter			Quarter 15 Spring		
ETA-3069	Motors and Motor Control I	5.00	ETA-3070	Lightning Protection and HVAC	1.00	ETA-3071	OSHA 30	3.00
						ETA-3072	Program Logic Controllers for Electricians	2.00
			ETA-3085	Physics Digital Electronics for Electricians	4.00			
	Total	5.00		Total	5.00		Total	5.00
Quarter 16 Summer			Quarter 17 Autumn			Quarter 18 Winter		
	Non Technical Elective	3.00	ETA-3073	Fire Alarm Systems	2.00	ETA-3075	Advanced Test Instruments	4.00
	Non Technical Elective	3.00	ETA-3074	Automated Networks and Special Code Applications	3.00	ETA-3076	Distributed Generation	2.00
	Total	6.00		Total	5.00		Total	6.00
Quarter 19 Spring								
ETA-3077	High Voltage and Insulation Testing	3.00						
ETA-3078	Telephone and Security Systems	2.00						
	Total	5.00						

TOTAL CREDIT HOURS REQUIRED:

Non Technical Electives		
Total of 6 Credit Hours Required		
BHS-1006	Critical Thinking	3.00
BHS-1030	Reasoning Skills	4.00
BHS-1379	Cultural Diversity	3.00
BHS-1531	National Issues	3.00

The College Reserves the Right to Change Curricula Without Notice.