

Electrical Technology

PROGRAM GUIDE

2015-2016

YEAR I: FIRST SEMESTER**15 FALL**

	Course #	Course Name	Credits	Semester
<input type="checkbox"/>	EL 112A	Safety (OSHA 10)	3	
<input type="checkbox"/>	EL 132A	AC/DC Circuits I	4	
<input type="checkbox"/>	EL 136	Instruments & Measurements	1	
<input type="checkbox"/>	EL 139	Print Reading	2	
<input type="checkbox"/>	EL 144A	Workplace Skills & Applied Practice I	3	
<input type="checkbox"/>	EL 148A	National Electric Code I	4	
<input type="checkbox"/>	MATH 105	Technical Math	3	
TOTAL SEMESTER CREDITS			20	
<input type="checkbox"/>	MATH 072	Fundamentals of Math (if required)	3	

YEAR I: SECOND SEMESTER**16 SPRING**

	Course #	Course Name	Credits	Semester
<input type="checkbox"/>	EL 155	Residential Wiring I	4	
<input type="checkbox"/>	EL 160	Motor Controls I	2	
<input type="checkbox"/>	EL 170A	Troubleshooting Techniques I	3	
<input type="checkbox"/>	EL 190A	National Electric Code II	4	
<input type="checkbox"/>	EL 198A	Workplace Skills & Applied Practice II	3	
<input type="checkbox"/>	CF 101	Computer Fundamentals and Applications	3	
TOTAL SEMESTER CREDITS			19	

YEAR II: FIRST SEMESTER**16 FALL**

	Course #	Course Name	Credits	Semester
<input type="checkbox"/>	EL 215	Blueprints & Schematics*	2	
<input type="checkbox"/>	EL 236	Motor Controls II	2	
<input type="checkbox"/>	EL 240	Troubleshooting Techniques II	2	
<input type="checkbox"/>	EL 249	National Electric Code III	5	
<input type="checkbox"/>	ENGL 105	Technical Writing	3	
<input type="checkbox"/>	BEH 105	Human Relations In Life & Work	3	
<input type="checkbox"/>	PSY 176	Psychology	3	
TOTAL SEMESTER CREDITS			20	

YEAR II: SECOND SEMESTER**17 SPRING**

	Course #	Course Name	Credits	Semester
<input type="checkbox"/>	EL 220A	Programmable Logic Controllers	3	
<input type="checkbox"/>	EL 235	Electrical Journeyman's Exam	4	
<input type="checkbox"/>	EL 260	Advanced Automation & Controls*	2	
<input type="checkbox"/>	EL 265	Commercial Wiring I	4	
<input type="checkbox"/>	EL 275A	Applied Construction Skills* - OR -	5	
<input type="checkbox"/>	EL 299A	- Occupational Work Experience		
<input type="checkbox"/>	AE 205	Forklift Operator Training*	1	
TOTAL SEMESTER CREDITS			19	

TOTAL PROGRAM CREDITS**78**

*Advanced Coursework