



Electrical Technology AAS/GOTS Industrial Electrician Diploma Semester Plan

FIRST YEAR COURSE SCHEDULE				
	Fall Semester	Credits		
			Spring Semester	
			Credits	
	DLC 100-Digital Literacy	3	MAT 65-Basic Algebra (If needed) MAT 116-Technical Mathematics OR MAT 126-Technical Algebra & Trigonometry OR Higher Quantitative Reasoning Course	3
	EET 119-Basic Electricity	5	ISX 100-industrial Safety (Elective)	3
	EET 154-Electrical Construction I (Lecture)	2	EET 150-Transformers (Elective)	2
	EET 155-Electrical Construction I (Lab)	2	EET 151-Transformers Lab (Elective)	1
			EGY 230-Solar Photovoltaic Technology	4
Total Credit Hours		12	Total Credit Hours	
			13	

SECOND YEAR COURSE SCHEDULE				
	Fall Semester	Credits		
			Spring Semester	
			Credits	
	EET 264-Rotating Machinery	2	EET 276-Programmable Logic Controllers	2
	EET 265-Rotating Machinery Lab	2	EET 277-Programmable Logic Controllers Lab	2
	EET 270-Electrical Motor I (Lecture)	2	EET 250-National Electrical Code	4
	EET 270-Electrical Motor I (Lab)	2	EET 252-Electrical Construction (Lecture)	2
	EET 272-Electrical Motor II (Lecture)	2	EET 253-Electrical Construction (Lab)	2
	EET 273-Electrical Motor II (Lab)	2	EET 127-Electrical Technology Capstone	1
Total Credit Hours		12	Total Credit Hours	
			13	
			Total Credit Hours for Diploma	
			50-53	

Certificates may be earned; please discuss certificate options with your advisor.

General Education Requirements for AAS General Occupational & Technical Studies Degree
 Credit earned through certificate and diploma completion will be applicable toward the Associate in Applied Science in General Occupation/Technical Studies degree when consistent with the objectives of the student's individual plan of study.

General Education Component	Credits
Quantitative Reasoning	3
Natural Sciences	3
Social/Behavioral Sciences	3
Heritage/Humanities	3
Written Communications	3
Subtotal	18

Diploma - A minimum of 9 Credit Hours of Technical Electives are required.

Students must achieve a minimum grade of "C" in each technical core course, digital literacy and selected technical electives.