Department: Construction Technology	
Degree or Certificate: Electrical Technology AAS	
Program Curriculum Map: Created 1/10/17	**Updated: 9/5/2018**
Program Outcome (PO) 1:	Understand basic Theory of Electromagnetism and show proficient use of terminology associated with the Electrical industry. (SLO: Foundational Knowledge)
Program Outcome (PO) 2:	Demonstrate a working knowledge of core equipment and installation procedures with Electrical equipment from Residential through Industrial applications. (SLO: Application)
Program Outcome (PO) 3:	Show knowledge of the National Electrical Code (NEC) by demonstrating code regulations and familiarity with the location of specific electrical wiring information. Integrate knowledge of code navigation, print reading and wire sizing in lab or field applications. (SLO: Integration)
Program Outcome (PO) 4:	Through lab or field work, develop cooperation skills with other trades in the installation of electrical wiring and equipment, identify with the responsibility associated with knowledgeable electricians, and determine the impact of electrical use upon society. (SLO: Human Dimension)
Program Outcome (PO) 5:	Perform Electrical installations to meet Electrical Code specifications and demonstrate a professional, clean, neat work ethic. Students will also realize the application and importance of Safety standards issued throughout the National Electrical Code. (SLO: Caring)

	Course	PO 1	PO 2	PO 3	PO 4	PO 5
Introduction to Electrical	ELE101	I	I			
Beginning Residential Electrical	ELE105	R	R	I		
Advanced Residential Electrical	ELE121	A	R	R		
Pre-Commercial Electrical	ELE125	R	A	A	I	I
Commercial Electrical	ELE131	R	R	R	R	R
Advanced Commercial Electrical	ELE135	R	R	R	A	A
Industrial Electrical	ELE142	R	R	R	R	R
Advanced Industrial Electrical	ELE146	R	R	R	A	A
Electrical Code Studies I	ELE110	I		A		
Electrical Code Studies II	ELE111	R		R		
Solar Photovoltaic Technology I	EGY141	R	R	R	A	A

Introduce
Reinforce
Assess

Program Code: 653