

Program: Electrical Technology		Course to Program Map				
Program Outcomes: Upon completion of the program, graduates will be able to...	Institutional Skills	understand and utilize the National Electrical Code	demonstrate and understand residential, commercial, and industrial wiring requirements	use current techniques, skills, and tools necessary to perform electrical tasks	understand and demonstrate the ability to safely inspect and troubleshoot electrical systems	communicate effectively with a range of audiences
Courses						
MATH 107T - Technical Mathematics	CPW		IA		IRA	IA
INPR 131 - Shop Operations / OSHA-10	CPW	IRA	IRA	RA		
ELEC 140 - Print Reading	CPW		IR		IR	IR
ELEC 110 - AC/DC Circuits I	CPW			IR	IR	
ELEC 120 - National Electrical Code I	CPW	IRA	IRA			IRA
COMM-103 Interpersonal Communications	CPW	IR				
ELEC 115 - Residential Wiring I	CPW	IRA	IRA	IRA	IRA	IRA
ELEC 220 - National Electrical Code II	CPW	IRA	IRA			IRA
ELEC 130 - Commercial Wiring I	CPW	IRA	IRA	IRA	IRA	IRA
INPR 132 - Electro-Mechanical Print Reading and Wiring	CPW	IRA			IRA	IA
INPR 231 - Motor Controls 1	CPW	IA	IA		IRMA	
INPR 232 - Motor Controls 2	CPW	RA			IRMA	
INPR 190 - Programmable Logic Controllers (PLC)	CPW	RA	IA		RA	
CSCI 110 - Intro to Computer Concepts	CPW	IR		IR		IR

Mapping	
I	Introduced
R	Reinforced
M	Mastered
A	Assessed/Artifact

Essential Skills	
1	written communication
2	oral communication
3	critical thinking
4	cultural diversity
5	social responsibility

Employability Skills	
C	communication
P	problem solving
W	work ethic