

PROGRAM OUTCOMES FOR CERTIFICATE IN ELECTRICAL:

1. The students will learn and know how to utilize the National Electrical Code.
2. The students will know the methods of basic electricity, basic wiring circuits, electric motors, materials and tools used to complete a residential or commercial building plan.
3. The students will know how to complete basic circuitry utilizing algebraic skills to perform the proper calculations.

***CERTIFICATE
ELECTRICAL***

CERTIFICATE REQUIREMENTS

ECAL 101	Electrical Fundamentals I.....	3 cr.
ECAL 102	Electrical Fundamentals II.....	3 cr.
ECAL 103	Electrical Code Study.....	3 cr.
ECAL 104	Electrical Trades Math	2 cr.
ECAL 106	Electrical Practicum I.....	4 cr.
ECAL 132	Commercial & Agricultural Wiring	3 cr.
ECAL 133	Residential Wiring	2 cr.
ECAL 206	Electrical Practicum II.....	4 cr.
HPER 210	First Aid/CPR/AED	2 cr.
OSHA 100	Safety Course	1 cr.
SOC 099	Job Skills	2 cr.
TOTAL CERTIFICATE REQUIREMENTS		29 CREDITS