



# ELECTRICIAN TECHNOLOGY

## DIPLOMA

TD – ELECTRICIAN TECHNOLOGY

CIP: 46.0302

DIVISION: Technical Studies

DEPARTMENT: Construction

## EXIT POINTS

CTC – ELECTRICIAN HELPER

CTS – RESIDENTIAL ELECTRICIAN

## CURRICULUM

Course No.	Course Title	Lecture	Lab	Total Credit Hrs.	Total Clock Hrs.
ELEC 1010	NCCER Core	1	1	2	60
ELEC 1120	Basic Electricity	2	4	6	165
ELEC 1210	Residential Wiring	2	4	6	165
	<b>CTC – ELECTRICIAN HELPER</b>			<b>14</b>	<b>390</b>
ELEC 2460	Technical Mathematics for Electricians	1	1	2	45
ELEC 1220	Electrical Raceways	0	3	3	105
ELEC 1230	National Electrical Code	1	2	3	105
ELEC 1311	Residential Wiring Installation	1	5	6	165
ELEC 1430	Blueprint Interpretation	1	2	3	75
	<b>CTS – RESIDENTIAL ELECTRICIAN</b>			<b>31</b>	<b>885</b>
CPTR 1000	Introduction to Computers	1	1	2	45
ELEC 1330	Generators/Motors & Transformer Operation	1	2	3	105
ELEC 1440	Motor Controls	1	3	4	165
ELEC 2720	Introduction to Programmable Logic Controllers	1	2	3	120
JOBS 2450	Job Seeking Skills	2	0	2	30
	<b>TD – ELECTRICIAN TECHNOLOGY</b>			<b>45</b>	<b>1350</b>