

COMMERCIAL AND RESIDENTIAL ELECTRICIAN

AAS.ELPT

2013– 2014

Associate of Applied Science

TEXAS SOUTHMOST COLLEGE

Health Care, Career and Technical Education Division

A degree in Electrician Technology will prepare students for entry level positions in an electrician career. It also provides hands-on instruction in all aspects of maintenance, operations, troubleshooting, and repair of circuits.

FIRST YEAR – FALL SEMESTER	CREDIT HOURS
ENGL 1301 Composition I.....	3
MATH 1314 College Algebra OR Math 1332 Contemporary Mathematics I †.....	3
ELPT 1321 Introduction to Electrical Safety.....	3
ELTN 1391 Special Topics: Electrician Blueprint Reading.....	3
ELPT 1345 Commercial Wiring.....	3
 FIRST YEAR – SPRING SEMESTER	
ELPT 1325 National Electrical Code I.....	3
ELPT 1329 Residential Wiring	3
Social and Behavior Sciences Elective.....	3
Humanities/Fine Arts Elective.....	3
SPCH 1315 Public Speaking.....	3
SPCH 1318 OR Interpersonal Communication	3
 SECOND YEAR – FALL SEMESTER	
ELPT 1320 Fundamentals of Electricity II	3
ELPT 1315 Electrical Calculations I	3
ELPT 1341 Motor Control	3
ELTN 1391 Special Topics: Residential Electrician Blueprint Reading.....	3
ELPT 1357 Industrial Wiring.....	3
 SECOND YEAR – SPRING SEMESTER	
ELTN 1343 Electrician Troubleshooting.....	3
ELPT 2319 Programmatic Logic Controllers I.....	3
ELPT 2323 Transformer.....	3
ELPT 2325 National Electrical Code II.....	3
ELPT 2335 Electrical Theory and Devices.....	3

TOTAL CREDIT HOURS FOR GRADUATION – 60

« TSI Requirement (Texas Success Initiative - any other State-approved test) - Student must pass all three sections of State-approved test to graduate with this degree.

† Grade of "C" or better is required for graduation