

# 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.*

	CREDIT HOURS
<b>FIRST YEAR – FALL SEMESTER</b>	
<a href="#">ENGL 1301</a> Composition I.....	3
<a href="#">MATH 1314</a> College Algebra OR Math 1332 Contemporary Mathematics I †.....	3
<a href="#">ELPT 1321</a> Introduction to Electrical Safety.....	3
<a href="#">ELTN 1391</a> Special Topics: Electrician Blueprint Reading.....	3
<a href="#">ELPT 1345</a> Commercial Wiring.....	3
<b>FIRST YEAR – SPRING SEMESTER</b>	
<a href="#">ELPT 1325</a> National Electrical Code I.....	3
<a href="#">ELPT 1329</a> Residential Wiring .....	3
Social and Behavior Sciences Elective.....	3
Humanities/Fine Arts Elective.....	3
<a href="#">SPCH 1315</a> Public Speaking.....	3
<a href="#">SPCH 1318</a> OR Interpersonal Communication	3
<b>SECOND YEAR – FALL SEMESTER</b>	
<a href="#">ELPT 1320</a> Fundamentals of Electricity II .....	3
<a href="#">ELPT 1315</a> Electrical Calculations I .....	3
<a href="#">ELPT 1341</a> Motor Control .....	3
<a href="#">ELTN 1391</a> Special Topics: Residential Electrician Blueprint Reading.....	3
<a href="#">ELPT 1357</a> Industrial Wiring.....	3
<b>SECOND YEAR – SPRING SEMESTER</b>	
<a href="#">ELTN 1343</a> Electrician Troubleshooting.....	3
<a href="#">ELPT 2319</a> Programmatic Logic Controllers I.....	3
<a href="#">ELPT 2323</a> Transformer.....	3
<a href="#">ELPT 2325</a> National Electrical Code II.....	3
<a href="#">ELPT 2335</a> Electrical Theory and Devices.....	3
<b>TOTAL CREDIT HOURS FOR GRADUATION – 60</b>	

« 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