

ELECTRICAL TECHNOLOGY, ASSOCIATE OF APPLIED SCIENCE

Plan of Study

3ELEC

First Term		Credits
ELPT 1315	Electrical Calculations I	3
ELPT 1325	National Electric Code I	3
ELPT 1321	Introduction to Electrical Safety and Tools	3
ELPT 1429	Residential Wiring	4
CETT 1302	Electricity Principles	3
Credits		16
Second Term		Credits
ELPT 2325	National Electrical Code II	3
CNBT 2310	Commercial/Industrial Blueprint Reading	3
ELPT 1351	Electrical Machines	3
ELPT 1345	Commercial Wiring	3
MATH 1332 or MATH 1314	Contemporary Mathematics (Quantitative Reasoning) or College Algebra	3
Credits		15
Third Term		Credits
ELPT 1357 or ELPT 1371	Industrial Wiring or Commercial Lighting, Fixtures, and Controls	3
ELPT 2423 or ELPT 2405	Transformers or Motors & Transformers	4
ELPT 1441	Motor Control	4
ENGL 1301	Composition I	3
Credits		14
Fourth Term		Credits
ELPT 2319 or ELPT 2337 or ELPT 2364	Programmable Logic Controllers I or Electrical Planning and Estimating or Practicum-Electrical and Power Transmission Installation/Installer, General	3
ELPT 2343	Electrical System Design	3
SPCH 1311 or SPCH 1315	Introduction to Speech Communication or Public Speaking	3
Select one of the following:		3
ECON 2302	Principles of Microeconomics Social and Behavioral Sciences	
Language, Philosophy and Culture (Humanities) or Creative Arts (Fine Arts)		3
Credits		15
Total Credits		60

Capstone Experience: ELPT 2343 Electrical System Design