



ELECTRICAL & INSTRUMENTATION

ASSOCIATE OF APPLIED SCIENCE

SEMESTER I

__ELPT 1311	Basic Electrical Theory	3
__ELPT 1345	Commercial Wiring	3
__OSHT 1220	Energy Industrial Safety	2
__ENER 1350	Overview of Energy Ind.	3
__PTRT 1270	Energy Sector Math & Computer Skills	2
__DFTG 1325	Blueprint Reading & Sketching	3
		16

SEMESTER II

__ENER 1270	Employment Success	2
__ENGL 2311	Technical & Business Writing	3
__MATH 1342	Elementary Statistical Methods	3
__ENER 1375	Intro. to Mechanical Engines	3
__HUMA 2323	World Cultures	3
__ELPT 1341	Motor Controls	3
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SEMESTER III

__ELPT 2305	Motors & Transformers	3
__ELMT 1301	Programmable Logic Controllers	3
__ELEC	HIST, GOVT	3
__INMT 2303	Pumps, Compressors & Mechanical Drives	3
__ELPT 1325	National Electrical Code	3
		15

SEMESTER IV

__PTRT 1312	Petroleum Regulations	3
__ELEC	Social/Behavioral Science	3
__PTRT 1324	Petroleum Instrumentation	3
__ELMT 2339	Advanced Programmable Logic Controllers	3
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TOTAL HOURS = 60