



**Transfer Pathway: Houston Community College
AAS Electrical Technology to Lamar University
BS Industrial Technology**



First Year - Freshman							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
EDUC 1300		Learning Framework	3	Fine Arts Core		Fine Arts Core	3
ELPT 1321		Intro to Electrical Safety & Tools	3	ELPT 1329		Residential Wiring	3
ELPT 1311		Basic Electrical Theory	3	ELPT 1345		Commercial Wiring	3
ELPT 1370		Elect Blueprint Reading	3	ELPT 1302		Solar Photo Sys	3
ELPT 1325		National Electrical Code I	3	ECON 1301 or Gen. Core*		ECON 1301 or Gen. Core*	3
Total			15	Total			15
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0
Second Year - Sophomore							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
ELPT 1371 or ELPT 1372		Residential Fixtures & Controls or Commercial Fixtures & Controls	3	ELPT 1373		Photovoltaic Fixture & Controls	3
ELPT 1341		Motor Control	3	ELMT 1301		Programmable Logic Controllers	3
ELPT 1355		Electronic Applications	3	SBS Core		SBS Core	3
MATH 1332		Contemporary Math	3	ELPT 2347 or ELPT 2381		Electrical Testing & Maintenance or Coop	3
ELPT 2337 or ELPT 2380		Electrical Planning & Estimating or Coop	3	ELPT 2343		Electrical System Design	3
Total			15	Total			15
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
Total			0	Total			0
Third Year - Junior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
INEN 2301	Quantitative Methods	3	INEN 4301	Quality Control Applications	3		
INEN 3300	Intro to IE	3	INEN 4316	Industrial & Product Safety	3		
INEN 3330	Engineering Economy	3	INEN 4351	Production & Inventory Systems	3		
HIST 1301	US History I	3	INEN 4369	Engineering Management	3		
POLS 2301	Political Science I	3	INEN 3360	Computer Tech	3		
Total		15	Total		15		
Summer Semester							
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
L & PS Core	Life & Physical Science Core	4	L & PS Core	Life & Physical Science Core	4		
MATH 1314	College Algebra	3					
Total		7	Total		4		
Fourth Year - Senior							
Fall Semester				Spring Semester			
Lamar	Course Name	Hrs	Lamar	Course Name	Hrs		
HIST 1302	US History II	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
Advd. Elective	Approved Advanced Elective	3	Advd. Elective	Approved Advanced Elective	3		
INEN 4315	Industrial Managemen	3	POLS 2302	Political Science II	3		
Total		15	Total		15		

Notes:

*LU prefers General Core - Language, Philosophy, Culture; Communication