Transfer Pathway: Houston Community College AAS Instrumentation Controls Engineering 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	INTC 1356		Instrumentation Calibration	3
PTAC 1302		Intro to Process Tech	3	CETT 1403		DC Circuits	4
PTAC 1308		Safety, Health, Environment I	3	MATH 1316		Plane Trigonometry	3
ENGL 1301		English Comp I	3	CETT 1425		Digital Fundamentals	4
MATH 1314		College Algebra	3	CPMT 1449		Computer Network Tech	4
Total			**15**	**Total**			**18**

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
INTC 1441		Principles of Automatic Control	4	Fine Arts Core		Fine Arts Core	3
INTC 1343		Application of Industrial Automatic Controls	3	SBS Core		SBS Core	3
CETT 1405		AC Circuits	4	RBTC 1301		Programmable Logic Controllers	3
PHYS 1401		College Physics I	4	INTC 2330 or INTC 2336		Instrumentation Systems Troubleshooting or Distributed Control & Programmable Logic	3
Total			**15**	**Total**			**12**

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	Product & 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
LPC Core	LPC Core	3	COMM Core	Life & Physical Science Core	4
L & PS Core	Life & Physical Science Core	4			
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 Management	3	POLS 2302	Political Science II	3
Total		**15**	**Total**		**15**

Notes: