Transfer Pathway: Alvin Community College AS Computer Science to Lamar University BS Industrial Technology

First Year - Freshman

Fall Semester / Spring Semester

ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
COSC 1436		Programming Funds I	4	COSC 1437		Programming Funds II	4
ENGL 1301		English Comp I +	3	ENGL 1302		English Comp II +	3
MATH 1314		College Algebra +	3	GOVT 2306		Texas Govt +	3
ECON 2301		Principles of Macro +	3	MATH 2413		Calculus I	4
Total			13	Total			14

Summer Semester

ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
MATH 2414		Calculus II	4				
Total			4	Total			0

Second Year - Sophomore

Fall Semester / Spring Semester

ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
HIST 1301		US History I +	3	HIST 1302		US History II +	3
COSC 2336		Programming Funds III	3	COSC 2325		Computer Org.	3
CA Core*		Creative Arts Core +	3	GOVT 2305		Federal Govt +	3
PHYS 2425		Univ Physics I +	4	LPC Core		ENGL 2322 or PHIL 2306 +	3
				PHYS 2426		Univ Physics II +	4
Total			13	Total			16

Summer Semester

ACC	Lamar	Course Name	Hrs	ACC	Lamar	Course Name	Hrs
Total			0	Total			0

Third Year - Junior

Fall Semester / Spring Semester

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs
INEN 3300	Intro to IE	3	INEN 4301	Quality Control App	3
INEN 3330	Engineering Economy	3	INEN 4316	Industrial & Product Safety	3
Advd Elective	Approved Advanced Elective	3	INEN 4351	Production & Inventory Systems	3
Advd Elective	Approved Advanced Elective	3	INEN 4369	Engineering Mgmt	3
Advd Elective	Approved Advanced Elective	3	INEN 3360	Computer Tech	3
Total		15	Total		15

Summer Semester

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs
Total		0	Total		0

Fourth Year - Senior

Fall Semester / Spring Semester

Lamar	Course Name	Hrs	Lamar	Course Name	Hrs
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	Advd Elective	Approved Advanced Elective	3
INEN 4315	Industrial Mgmt	3	Advd Elective	Approved Advanced Elective	3
Total		15	Total		15

Notes:

ACC Core Notes: + Denotes core requirement. Speak with Department Chair or Academic Advisor for proper course selection.

*LU Major Courses: Students should consult an advisor in the BSIT department for list of approved electives and major course choices.