



**Transfer Pathway: Houston Community
College AAS Drafting & Design Engineering
Tech CAD 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	DFTG 2319		Intermediate CAD	3
ENGL 1301		English Comp I	3	DFTG 2317		Descriptive Geometry	3
DFTG 1305		Tech Drafting	3	ENGL 1302 or ENGL 2311		English Comp II or Tech/Bus Wrtnng	3
DFTG 1309		Basic CAD	3	DFTG 1333		Mech Drafting	3
MATH 1314		College Algebra	3	SBS Core		SBS 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
DFTG 1358 or DFTG 1329		Elect Draft or Elect/Mech Draft	3	DRFT 1317		Arch Draft Resident	3
DFTG 1310		Spec CAD	3	ARCE 1352		Structural Draft	3
DFTG 2323		Pipe Draft	3	DFTG 2335 or DFTG 2340		Adv Tech in Mech Dsgn & Draft or Solid Model/Dsgn	3
DFTG 1330		Civil Draft I	3	Fine Arts Core		Fine Arts Core	3
MATH 1316		Plane Trig	3	DFTG 2338		Final Project Adv Draft	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	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	L & PS Core	L & PS Core	4		
L & PS Core	L & PS 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: