



**Transfer Pathway: Houston Community College  
AAS Drafting & Design Engineering Tech, CAD,  
Pipe Spec 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		Intermed CAD	3
ENGL 1301		English Comp I	3	Fine Arts Core		Fine Arts Core	3
DFTG 1305		Technical Drafting	3	DFTG 2323		Pipe Drafting	3
DFTG 1309		Basic CAD	3	DFTG 1333		Mechanical Drafting	3
MATH 1314		College Algebra	3	DFTG 2317		Descriptive Geometry	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>
Second Year - Sophomore							
Fall Semester				Spring Semester			
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
DFTG 1395		Special Topics CAD	3	ENGL 1302 or 2311		English Comp II or Tech Writing	3
DFTG 2308		Instrument Drafting	3	DFTG 2340		Solid Mod/Dsgn	3
Program Elective		Program Elective	3	DFTG 1372 or 2373		Smart Print 3D Draft or PDMS	3
MATH 1316		Plane Trig	3	ARCE 1352		Structural Draft	3
SBS Core		SBS Core	3	DFTG 2345		Adv Pipe Draft	3
<b>Total</b>			<b>15</b>	<b>Total</b>			<b>15</b>
Summer Semester							
HCC	Lamar	Course Name	Hrs	HCC	Lamar	Course Name	Hrs
<b>Total</b>			<b>0</b>	<b>Total</b>			<b>0</b>
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		
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>		
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					
<b>Total</b>		<b>7</b>	<b>Total</b>		<b>4</b>		
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		
<b>Total</b>		<b>15</b>	<b>Total</b>		<b>15</b>		

Notes: