



TEXAS SOUTHERN UNIVERSITY
 Transfer Degree Map Partnership with
 HOUSTON COMMUNITY COLLEGE



HCC Associate of Applied Science in General Computer-Aided Drafting
 to

COLLEGE OF SCIENCE, ENGINEERING AND TECHNOLOGY (COSET)

Bachelor of Science Degree in Industrial Technologies

The 2-Year Suggested Academic Plan for Transfer From

Associate of Applied Science in General Computer-Aided Drafting at HCC

HOUSTON COMMUNITY COLLEGE			TEXAS SOUTHERN UNIVERSITY		
First Semester-Fall			First Semester-Fall		
Course	Title	Credits	Course	Title	Credits
EDUC 1300	Learning Framework	3	FS 102	Freshman Seminar/ first Year Experience 1	1
ENGL 1301	Composition I	3	ENG 131	Freshman English I	3
DFTG 1305	Technical Drafting	3	DRFT 131	Fundamentals of Drafting	1
DFTG 1309	Basic Computer-Aided drafting	3	DRFT 131L	Fundamentals of Drafting Lab	2
MATH 1314	College Algebra	3	MATH 1314		3
Total Semester Credits		15	Total Semester Credits		10
Second Semester-Spring			Second Semester-Spring		
ENGL 1302	Composition II OR	3	ENGL 1302	Freshman English II	3
ENGL 2311	Technical & Business Writing	3	ITEC 331	Technical Writing (5 th Semester)	3
DFTG 1333	Mechanical Drafting	3	DRFT 134	Mechanical Drafting	2
DFTG 2319	Intermediate Computer-Aided Drafting	3	DRFT 134L	Mechanical Drafting Lab	1
DFTG 2317	Descriptive Geometry	3	Elective	7th Semester	3
XXXX#3##	Any Social/Behavioral Science	3	PSY 131		3
Total Semester Credits		15	Total Semester Credits		15
Third Semester-Fall			Third Semester-Fall		
DFTG 1358	Electrical/Electronic Drafting OR	3	ELET 131	DC Circuits	3
DFTG 1329	Electro-Mechanical Drafting	3	DRFT 231	Pipe Drafting	3
DFTG 2323	Pipe Drafting	3	Elective	8th Semester	3
DFTG 1330	Civil Drafting	3	MATH 1316	Trigonometry	3
DFTG 1310	Specialized Basic CAD	3	Total Semester Credits		12
MATH 1316	Plane Trigonometry	3	Fourth Semester-Spring		
Total Semester Credits		15	DRFT 133	Architectural Drafting	2
Fourth Semester-Spring			DRFT 133L	Architectural Drafting Lab	1
DFTG 1317	Architectural Drafting	3	DRFT 136	Pending	2
ARCE 1352	Structural Drafting	3	DRFT 136L	Pending	1
DFTG 2335	Adv. Tech. in Mech. Design & Drafting OR	3	DRFT 233	Introduction to CAD	2
DFTG 2340	Solid Modeling	3	DRFT 233L	Introduction to CAD Lab	1
DFTG 2338	Final Project-Adv. Drafting (Capstone)	3	DRFT 333	Machine Design	2
XXXX#3##	Humanities/Fine Arts Elective	3	DRFT 333L	Machine Design Lab	1
Total Semester Credits		15	ARTS 1301	Topics in Contemporary Arts and Cultural 3 (2 nd Semester)	3
Total minimum credits for AAS Degree			Total Semester Credits		15
		60	Sub-Total Transferrable Credits		
					52

Fifth Semester-Fall		Fifth Semester-Fall	
	MFG	Applied Statics	3
	DRFT 233	Intro. To Computer-Aided design	3
	DRFT 333	Machine Design	3
	ITEC 333	Industrial Supervision and Mgmt	3
	HIST 1301	Soc. & Pol. History of US to 1877	3
	POLS 2305	American Government	3
		Total Semester Credits	18
Sixth Semester-Spring		Sixth Semester-Spring	
	PSYC 2301	General Psychology	3
	DRFT 331	Piping System Design	3
	ITEC 331	Technical Writing	3
	MFG 333	Strength of Materials	3
	HIST 1302	Soc. & Pol. Hist. of US since 1877	3
	POLS 2306	Texas Government	3
		Total Semester Credits	18
Seventh Semester-Fall		Seventh Semester-Fall	
	DRFT 336	Computer-Aided design	3
	DRFT 431	Structural Drafting and Design	3
	ITEC 439	Industrial Safety	3
	CONS 333	Quantity Survey	3
	Electives	DFTG 2317	3
		Total Semester Credits	15
Eight Semester-Spring		Eight Semester-Spring	
	DRFT 430	Advanced Computer-Aided Design	3
	DRFT 432	Senior Design Project	3
	ITEC 412	Senior Seminar	3
	Electives	DFTG 1310	3
	Comprehensive Exam		0
		Total Semester Credits	10
Total minimum credits for AAS Degree	60	Total minimum credits for BS. Ind. Tech. Degree	125

Summer classes that may need to be taken to satisfy pre-requisites or transfer requirements, may be taken at Houston Community College or Texas Southern University.

Additional Courses in HCC That May Be Transferable to TSU

HOUSTON COMMUNITY COLLEGE			TEXAS SOUTHERN UNIVERSITY		
XXXX####	Language, Philosophy & Culture	3	XXXX	Language, Philosophy & Culture	3
HIST 1301	American History I	3	HIST 1301	(5 th Semester)	3
HIST 1302	American History II	3	HIST 1302	(6 th Semester)	3
GOVT 2305		3	POLS 2305	(5 th Semester)	3
GOVT 2306		3	POLS 2306	(6 th Semester)	3
CHEM 1311		3	CHEM 1311	(3 rd Semester)	3
PHYS 1401		3	PHYS 1301	(4 th Semester)	3
COSC 1301	Introduction to Computer Science	3	COSC 1301	(1 st Semester)	3
	Total Additional Semester Credits	24			24

Grand Total Transferrable Credits from HCC to TSU Design Technology Program: 76

Texas Southern University (Industrial Technology) Notes:

1. The Industrial Technology Program at TSU has two concentrations of Construction Technology and Design Technology and is accredited by the Association for Technology, Management and Applied Engineering (ATMAE). Therefore, successful completion of the program leads to the awarding of a professional degree. It is strongly encouraged that students interested in obtaining the BS. in Industrial Technology contact the Industrial Technology Department (see website for current contact information at <https://coset.tsu.edu/category/units/departments/> or <https://industrial.tsu.edu/>) as soon as possible during their academic advising period.
 2. Students who wish to graduate with a Bachelor of Science degree in Industrial Technology (Design) must complete 42 semester hours of core curriculum (general education) requirements, 39 semester hours of major (concentration) requirements and 44 semester credits of other (auxiliary) requirements. This means a minimum of 125 semester credits is required for graduation. Please refer to the current TSU catalog for complete information on degree requirements; Catalog can be found at: <http://www.tsu.edu/registrar/academic-catalog.html>
 3. Electives in the Degree Plan may be selected from 100-level to 400-level courses in Industrial Technology disciplines.
 4. Texas law states that a core course at any Texas State funded College or University will transfer as "core" to any other Texas State funded College or University.
 5. Core Complete Status will be granted to students with an official transcript from a Texas State funded College or University stating that the core was completed at that school.
 6. To complete a Bachelor's degree at TSU, you are required to complete your last 30 hours of course work at TSU.
 7. There is a formal application process for admission into the Industrial Technology Program. Students must be formally accepted into the Industrial Technology Program.
 8. Prospective students should contact TSU Admission's Office to apply for admission. Please visit: <http://www.tsu.edu/admissions/index.html> for more information on admission requirements and process.
 9. Students must earn a "C" grade or above to transfer credit to a course in Industrial Technology Concentration courses.
 10. Each Concentration in Industrial Technology Department has an Academic Advisor. Please contact the Department at 713-313-7679 or email lulueua.nasser@tsu.edu for any inquiry.
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Houston Community College Notes:

1. Some degrees require specific core courses. Please refer to the current TSU catalog for complete information on degree requirements; Catalog can be found at: <https://www.hccs.edu/finder/general---academic-core/>
2. Texas law states that a core course at any Texas State funded College or University will transfer as "core" to any other Texas State funded College or University.
3. Core Complete Status will be granted to students with an official transcript from a Texas State funded College or University stating that the core was completed at that school.
4. If you are planning on getting an Associate Degree, please see your Academic Advisor to get a degree plan. At the completion of the plan, the student will earn an AA from HCC and a BA from TSU.
5. To complete a Bachelor's degree at TSU, you are required to complete your last 30 hours of course work at TSU.