FAVA EDU	HOUSTON COMMUNITY COLLEGE SYSTEM CATIONAL PLAN/TRANSFER SUBSTITUTION PE	1 age 1 of 1
NAME:	SS#:	DATE:

COLLEGE:			COUNSELOR/AI		•	CATALOG YEAR: 11-12	
				AAS- GENERAL COMPUTER-		ING	
HCCS Course Requirement	Transfer/Su Institution	ubstitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date	
TSI testing is required prior to first enrollment.							
FIRST YEAR							
FIRST SEMESTER							
ENGR 1201 Introduction to Engineering OR							
LEAD 1200 Workforce Development with Critical Thinking							
DFTG 1305 Technical Drafting							
ENGL 1301 Composition I							
MATH 1314 College Algebra							
PSYC 2301 Introduction to Psychology							
DFTG 1309 Basic Computer-Aided Drafting							
SECOND SEMESTER							
DFTG 2319 Intermediate Computer-Aided Drafting							
DFTG 1358 Electrical/ Electronics Drafting							
ENGL 2311 Technical and Industrial Correspondence							
and Report Writing							
DFTG 1333 Mechanical Drafting							
DFTG 2317 Descriptive Geometry							
THIRD SEMESTER							
MATH 1316 Plane Trigonometry							
SECOND YEAR							
First Semester							
DFTG 2332 Advanced CAD							
DFTG 2302 Machine Drafting							
DFTG 2323 Pipe Drafting							
XXXX #3## Humanities/Fine Arts General Ed. Elective							
DFTG 1310 Specialized Basic Computer Aided							
Drafting (CAD)							
SECOND SEMESTER							
DFTG 2330 Civil Drafting							
ARCE 1352 Structural Drafting							
DFTG 1317 Architectural Drafting- Residential							
DFTG 2308 Instrumentation Drafting							
DFTG 2335 Advanced Tech.Mechanical Design and Drafting							

FAVA EDUC				LEGE SYSTEM SSTITUTION PETITION		Page 1 of 1
NAME:			SS#:		DATE:	
COLLEGE:			COUNSELOR/A	OVISOR:	CATALOG YEAR	: 11-12
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HCCS Course Requirement	Transfer/St Institution	ubstitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI testing is required prior to first enrollment.						
FIRST YEAR						
First Semester						
ENGR 1201 Introduction to Engineering OR						
LEAD 1200 Workforce Development with Critical Thinking			ļ			
DFTG 1305 Technical Drafting			ļ			
DFTG 1309 Basic Computer-Aided Drafting						ļ
MATH 1314 College Algebra						ļ
DFTG 1310 Specialized Basic Computer-Aided Drafting						ļ
Second Semester						ļ
DFTG 1358 Electrical/ Electronics Drafting						ļ
DFTG 2319 Intermediate Computer-Aided Drafting						ļ
DFTG 1333 Mechanical Drafting						ļ
DFTG 1317 Architectural Drafting- Residential						
DFTG 2308 Instrumentation Drafting						ļ
Second Year						ļ
FIRST SEMESTER						ļ
ARCE 1352 Structural Drafting						ļ
DFTG 2323 Pipe Drafting						ļ
DFTG 2330 Civil Drafting						ļ
DFTG 1329 Electro-Mechanical Drafting						ļ
DFTG 2332 Advanced CAD						ļ
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FAVA EDU				LEGE SYSTEM STITUTION PETITION		Page 1 of 1
NAME:			SS#:		DATE:	
COLLEGE:			COUNSELOR/AD	VISOR·	CATALOG YEAI	R· 11-12
DRAFTING AND DESIGN ENGI	NEERING 1	rechno			•	
HCCS Course Requirement	Transfer/Su Institution		Substitute (SU) Transfer (TR)	Comment/Disapprova	1	Date
TSI testing is required prior to first enrollment.						
First Year						
FIRST SEMESTER						
ENGR 1201 Introduction to Engineering OR						
LEAD 1200 Workforce Development with Critical Thinking	5					
ENGL 1301 Composition I						
DFTG 1305 Technical Drafting						
DFTG 1309 Basic Computer- Aided Drafting						
MATH 1314 College Algebra						
ARCE 1303 Architectural Material and Methods						
SECOND SEMESTER						
DFTG 1317 Architectural Drafting- Residential						
DFTG 2319 Intermediate Computer- Aided Drafting						
PSYC 2301 Introduction to Psychology						
MATH 1316 Plane Trigonometry						
ARCE 1352 Structural Drafting						
SECOND YEAR						
First Semester						
XXXX #3## Humanities/ Fine Arts Elective						
DFTG 2300 Intermediate Architectural Drafting-Residential						
SRVY 1301 Introduction to Surveying						
ENGL 2311 Tech. & Ind. Correspondence & Report Writing						
DFTG 1392 Special Topics in Architectural						
Drafting and Architectural CAD/CADD						
SECOND SEMESTER						
ARCE 1342 Codes, Specifications, Contract Documents						
ARCE 2352 Mechanical and Electrical Systems						
DFTG 1376 Revit Residential						
DFTG 2330 Civil Drafting						
DFTG 2328 Architectural Drafting- Commercial						

FAVA EDU				LEGE SYSTEM BSTITUTION PETITION		Page 1 of 1
NAME:			SS#:		DATE:	
COLLEGE:			COUNSELOR/A	DVISOR:	CATALOG YEAR	: 11-12
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HCCS Course Requirement	Transfer/Su Institution	ubstitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI testing is required prior to first enrollment.						
FIRST YEAR						
First Semester						
ENGR 1201 Introduction to Engineering OR						
LEAD 1200 Workforce Development with Critical Thinking						
DFTG 1305 Technical Drafting						
DFTG 1309 Basic Computer-Aided Drafting						
SRVY 1301 Introduction to Surveying						
MATH 1314 College Algebra						
Second Semester						
ARCE 1352 Structural Drafting						
DFTG 1317 Architectural Drafting-Residential						
DFTG 2319 Intermediate Computer-Aided Drafting						
DFTG 2330 Civil Drafting						
SECOND YEAR						
FIRST SEMESTER						
DFTG 2328 Architectural Drafting- Commercial						<u> </u>
DFTG 2300 Intermediate Architectural Drafting-						
Residential						
DFTG 1376 Revit Residential						
ARCE 2352 Mechanical and Electrical Systems						
					 	
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HCCS Course Requirement			SS#:			
COMPUTER- AIDED DRAFT HCCS Course Requirement TIN TSI testing is required prior to first enrollment. FIRST YEAR FIRST SEMESTER ENGR 1201 Introduction to Engineering DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting					DATE:	
HCCS Course Requirement TIN TSI testing is required prior to first enrollment. FIRST YEAR FIRST SEMESTER ENGR 1201 Introduction to Engineering DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting			COUNSELOR/AD	OVISOR:	CATALOG YEAR	₹: 11-12
TSI testing is required prior to first enrollment. FIRST YEAR FIRST SEMESTER ENGR 1201 Introduction to Engineering DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting	Francfor/Cu	RTIFIC	ATE- ELECTRO	OMECHANICAL DESIGN SPECIA	LIZATION	-
FIRST YEAR FIRST SEMESTER ENGR 1201 Introduction to Engineering DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting	nstitution	lbstitution Course	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
ENGR 1201 Introduction to Engineering DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1305 Technical Drafting DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1309 Basic Computer-Aided Drafting SECOND SEMESTER DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 2319 Intermediate Computer-Aided Drafting DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1358 Electrical/Electronics Drafting DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1333 Mechanical Drafting SECOND YEAR FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
FIRST SEMESTER DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 1329 Electromechanical Drafting DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
DFTG 2335 Advanced Technologies in Mechanical Design and Drafting						
Design and Drafting						
SECOND SEMESTER						
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DFTG 2305 Printed Circuit Board Design						
DFTG 1394 Special Topics in Electrical/ Electronics						
Drafting and Electrical/ Electronics CAD/CADD						
DFTG 2380 Cooperative Education						_
						
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This and Contact 1111 and 1111			-			-
This certificate will be deactivated September, 2011.						1
No new students will be admitted into the program.						+
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FAVA EDUC				LEGE SYSTEM STITUTION PETITIO)N		Page 1 of 1
NAME:			SS#:			DATE:	
COLLEGE:			COUNSELOR/AI	OVISOR:		CATALOG YEAR:	11-12
DRAFTING AND DESIGN ENGIN	NEERING '	TECHNO			ON DRAFTING SE	•	
HCCS Course Requirement	Transfer/Su Institution		Substitute (SU) Transfer (TR)	Comment/Disa		Approval Signature	Date
TSI testing is required prior to first enrollment.							
FIRST YEAR							
FIRST SEMESTER							
ENGR 1201 Introduction to Engineering OR							
LEAD 1200 Workforce Development with Critical Thinking							
DFTG 1305 Technical Drafting							
ENGL 1301 Composition I							
MATH 1314 College Algebra							
PSYC 2301 Introduction to Psychology							
DFTG 1309 Basic Computer-Aided Drafting							
SECOND SEMESTER							
DFTG 1333 Mechanical Drafting							
DFTG 2319 Intermediate Computer-Aided Drafting							
XXXX #3## Humanities/Fine Arts General Ed. Elective							
DFTG 1329 Electro-Mechanical Drafting							
MATH 1316 Plane Trigonometry							
SECOND YEAR							
First Semester							
DFTG 1310 Specialized Basic Computer Aided Drafting							
DFTG 2317 Descriptive Geometry							
DFTG 1358 Electrical/Electronics Drafting							
DFTG 2302 Machine Drafting							
DFTG 2308 Instrumentation Drafting							
SECOND SEMESTER							
DFTG 2370 Intermediate CompAided Drafting-Microstation							
DFTG 2306 Machine Design							
DFTG 2335 Advanced Tech.Mechanical Design and Drafting							
DFTG 2305 Printed Circuit Board Design							
DFTG 2358 Advanced Machine Design							
ENGL 2311 Technical and Industrial Correspondence							
and Report Writing							

THIRD SEMESTER

DFTG 2358 Advanced Machine Design

FAVA EDU0			LEGE SYSTEM STITUTION PETITION		Page 1 of 1
NAME:		SS#:		DATE:	
COLLEGE:		COUNSELOR/AD	VISOR:	CATALOG YEAR	· 11-12
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HCCS Course Requirement	Transfer/Si Institution	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI testing is required prior to first enrollment.					
FIRST YEAR					
First Semester					
ENGR 1201 Introduction to Engineering OR					
LEAD 1200 Workforce Development with Critical Thinking					
DFTG 1305 Technical Drafting					
DFTG 1309 Basic Computer-Aided Drafting					
MATH 1314 College Algebra					
DFTG 1310 Specialized Basic Computer Aided Drafting					
SECOND SEMESTER					
DFTG 2319 Intermediate Computer-Aided Drafting					
DFTG 1333 Mechanical Drafting					
DFTG 1329 Electro-Mechanical Drafting					
DFTG 1358 Electrical/Electronics Drafting					
THIRD SEMESTER					
DFTG 2308 Instrumentation Drafting					
DFTG 2302 Machine Drafting					
DFTG 2306 Machine Design					
DFTG 2335 Advanced Technologies in Mechanical					
Design and Drafting					

FAVA EDU0			IMUNITY COLLE RANSFER SUBST	GE SYSTEM ITUTION PETITION		Page 1 of 1
NAME:			SS#:		DATE:	
COLLEGE:			COUNSELOR/ADVIS	:OR·	CATALOG YEAR	2 11-12
DRAFTING AND DESIGN ENGI	NEERING '	TECHNO			•	1, 11 12
HCCS Course Requirement	Transfer/Su		Substitute (SU)	Comment/Disapproval	Approval	Date
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TSI testing is required prior to first enrollment.						
FIRST YEAR						
First Semester						
ENGR 1201 Introduction to Engineering OR						
LEAD 1200 Workforce Development with Critical Thinking						
DFTG 1305 Technical Drafting						
ENGL 1301 Composition I						
MATH 1314 College Algebra						
PSYC 2301 Introduction to Psychology						
DFTG 1309 Basic Computer-Aided Drafting						
Second Semester						
DFTG 2319 Intermediate Computer-Aided Drafting						
DFTG 2323 Pipe Drafting						
XXXX #3## Humanities/Fine Arts General Ed. Elective						
DFTG 1333 Mechanical Drafting						
DFTG 2317 Descriptive Geometry						
Third Semester						
MATH 1316 Plane Trigonometry						
SECOND YEAR						
First Semester						
DFTG 1310 Specialized Basic Computer Aided						
Drafting (CAD)						
DFTG 2308 Instrumentation Drafting						
ENGL 2311 Technical and Industrial Correspondence						
and Report Writing						
DFTG 2330 Civil Drafting						
DFTG 2302 Machine Drafting						
SECOND SEMESTER			1			
DFTG 2306 Machine Design						

ARCE 1352 Structural Drafting
DFTG 2340 Solid Modeling Design
DFTG 2345 Advanced Pipe Drafting

DFTG 2375 Piping Design Management Systems

FAVA EDU0			MUNITY COLL RANSFER SUBS	EGE SYSTEM TITUTION PETITION		Page 1 of 1
NAME:			SS#:		DATE:	
COLLEGE:			COUNSELOR/ADV	/ISOR·	CATALOG YEAR	· 11-12
	AFTING - 0	CERTIFIC		AFTING SPECIALIZATION	T CHINEOU TENIN	. 11 12
HCCS Course Requirement	Transfer/Su Institution		Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI testing is required prior to first enrollment.						
FIRST YEAR						
FIRST SEMESTER						
ENGR 1201 Introduction to Engineering OR						
LEAD 1200 Workforce Development with Critical Thinking						
DFTG 1305 Technical Drafting						
DFTG 1309 Basic Computer-Aided Drafting						
DFTG 1310 Specialized Basic Computer Aided Drafting						
MATH 1314 College Algebra						
Second Semester						
DFTG 2319 Intermediate Computer-Aided Drafting						
DFTG 2323 Pipe Drafting						
ARCE 1352 Structural Drafting						
DFTG 1333 Mechanical Drafting						
Third Semester						
DFTG 2302 Machine Drafting						
DFTG 2308 Instrumentation Drafting	1					
DFTG 1396 Special topics in Computer Graphics: Piping	1					
Design Systems OR						
DFTG 2371 Advanced Tech. Process Plant						
Design-Autoplant						
DFTG 2345 Advanced Pipe Drafting						
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FAVA EDU0		MUNITY COLLEG RANSFER SUBSTI	EE SYSTEM FUTION PETITION		Page 1 of 1
NAME:		SS#:		DATE:	
COLLEGE:		COUNSELOR/ADVISO	DB:	CATALOG YEAR	· 11-12
	AFTING - (FTING SPECIALIZATION	CHINEOGIENII	
HCCS Course Requirement	Transfer/Su Institution	Substitute (SU) Transfer (TR)	Comment/Disapproval	Approval Signature	Date
TSI testing is required prior to first enrollment.					
FIRST YEAR					
First Semester					
ENGR 1201 Introduction to Engineering OR					
LEAD 1200 Workforce Development with Critical Thinking					
DFTG 1305 Technical Drafting					
DFTG 1309 Basic Computer-Aided Drafting					
SRVY 1301 Introduction to Surveying					
MATH 1314 College Algebra					
Second Semester					
DFTG 2319 Intermediate Computer-Aided Drafting					
DFTG 2321 Topographical Drafting					
SRVY 1341 Land Surveying					
ARCE 1352 Structural Drafting					
DFTG 1310 Specialized Basic Computer Aided Drafting					
THIRD SEMESTER					
DFTG 2327 Landscape Drafting					
SRVY 2348 Plane Surveying					
DFTG 1393 Special topics in Civil Drafting and					
Civil Engineering					
DFTG 2330 Civil Drafting					