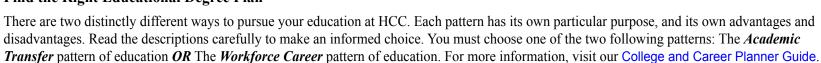
COE – Engineering - Catalog Year 2017 - 2018

Find the Right Educational Degree Plan





ENGINEERING	
Engineering Science - Associate of Science in Engineering Science (ASES). 2 -3	

	Updated: 07/06/2017			HOUSTO	ON COM	Page 1 of 2						
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Suggested 2 Year PLAN		· ·	hr		I	1 ` '⊢	Com	ment/Disapp	roval			
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FIRST YEAR FIRST SEMESTER - FALL A. HIST #3## American History Elective 3												
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MATH 2413 Calculus 4 4 6 6 6 6 6 6 6 6	A.	-	3									
CHEM 1411 General Chemistry		•	3									
ENGR 1201 Introduction to Engineering 2			4									
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Second Semester - Spring												
ENGR 1204 Engineering Graphics 2		SEMESTER TOTAL	16									
ENGR 1204 Engineering Graphics 2												
ENGL 1302 Composition 1												
ENGL 2311 Technical & Business Writing 3			2									
MATH 2414 Calculus II 4 PHYS 2325 University Physics I 3 PHYS 2125 University Physics I Laboratory 1 GOVT 2306 Texas Government OR 3 GOVT 2305 Federal Government 3 SEMESTER TOTAL 16 3 SECOND YEAR 4 4 FIRST SEMESTER - FALL 5 5 ENGR 2304 Programming for Engineers 3 ECON 2301 Macroeconomics OR 4 ECON 2302 Microeconomics 3 ENGR 2301 Engineering Mechanics-Statics 3 MATH 2415 Calculus III 4												
PHYS 2325 University Physics I 3 3												
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FIRST SEMESTER - FALL ENGR 2304 Programming for Engineers 3 ECON 2301 Macroeconomics OR 5 ECON 2302 Microeconomics 3 ENGR 2301 Engineering Mechanics-Statics 3 MATH 2415 Calculus III 4		SEMESTER TOTAL	16									
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Updated: 07/26/2017 HOUSTON COMMUNITY COLLEGE SYSTEM										Dogo 2 of 2		
FA VA EDUCATIONAL PLAN/TRANSFER SUBSTITUTION PETITION												
NAME:			SID#:		TEL#:		EMAIL:				DATE:	
COLLEGE: COU/ADV:		COU/ADV:			TEL#:		EMAIL:			CAT YR: 8/15/17-8/14/18		
ENGINEERING SCIENCE - ASSOCIATE OF SCIENCE												
	HCCS Course Requirem	ent cr	Transfer	Substitute	Substitute (SU)	Term	(Credits	Grade	Арр	roval	Date
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	(Continued from page 1)											
	PHYS 2326 University Physics II	3										
	PHYS 2126 University Physics II La											
	SEMESTER TOTAL	17										
	SECOND SEMESTER - SPRING											
	ENGR 2405 Electrical Circuit I	4										
	MATH 2320 Differential Equations	3										
В.	XXXX #3## Engineering Elective	3										
C.		3										
D.	XXXX #3## Language, Philosophy, &											
	SEMESTER TOTAL	16										
	PROGRAM TOTAL	65										

ADDITIONAL COMMENTS & NOTES:

- A. American History May choose from: HIST 1301, 1302, 2301, 2327, 2328, 2381.
- B. Engineering Elective May choose from: Students interested in pursuing mechanical or civil engineering should take <u>ENGR 2302 Engineering Mechanics-Dynamics</u> as the engineering elective. Students interested in pursuing electrical engineering should take <u>COSC 1436 Programming Fundamentals I</u> as the engineering elective.

Note: Students interested in pursuing industrial engineering should take ENGR 2308 Engineering Economics as the engineering elective.

Note: Industrial engineering as a completion degree is not currently offered by UTT.

- C. Creative Arts May choose from: ARTS 1301, 1303, 1304; COMM 2366; DANC 2303; DRAM 1310, 2361, 2366; HUMA 1301, 1311; MUSI 1306,1310.
- D. Language, Philosophy and Culture May choose from: ENGL 2322, 2323, 2327, 2328, 2332, 2333, 2342, 2343, 2351, HIST 2311, 2312, 2321, 2322, HUMA 1305, 2319, 2323, PHIL 1301, 1304, 2306, 2307, 2316.