

JEFFERSON COLLEGE
ASSOCIATE OF SCIENCE TRANSFER DEGREE - effective 2020-2021
Engineering Technology emphasis (65 credit hours)
 Minimum 2.00 Cumulative Grade Point Average for A.S. Degree. 15 hour residency requirement.

		Course Areas/Titles	Course Numbers	Done	Now	Need	
A.S. Engineering Technology GENERAL EDUCATION OPTIONS AND REQUIREMENTS (42 credit hours) MOTR CORE 42 completion not required for A.S. degree	Communi- cations	6 hours	<i>Written Communications</i>	ENG 101(H) ENG 102(H)			
		3 hours	<i>Oral Communications</i> (Public Speaking)	COM 110			
	Humanities and Fine Arts AND/OR Social and Behavioral Sciences	3 hours	<i>Philosophy</i> (Logic)	PHL 101			
		6 hours	<i>Civics</i>	HST 103(H) PSC 102(H) <i>PSC001 MO Higher Ed Civics Exam must also be completed</i>			
			3 hours	<i>Economics</i>	ECO 101, 102		
		3 hours	<i>Art</i>	ART 101, 103, 105			
			<i>Civilization</i>	HST 201, 202			
			<i>Foreign Language</i>	FRN 101, 102; GRM 101, 102; SPN 101, 102			
			<i>Literature</i>	ENG 105, 106, 215(H), 216(H), 225, 226, 228, 229			
			<i>Geography</i>	GEO 103			
			<i>Music</i>	MSC 101, 131, 133, 231, 232			
			<i>Philosophy/Religion</i>	PHL 102(H), 201, 202(H)			
	<i>Political Science</i>		PSC 155				
	<i>Sociology</i>	SOC 101(H)					
	<i>Theatre</i>	THT 100(H)					
Mathematical Sciences	5 hours	<i>Mathematical Sciences</i>	MTH 180 (not a MOTR course but meets general education requirement for math)				
Natural Sciences	10 hours with 2 labs*	<i>Physical Sciences</i>	CHM 111(H)*				
			PHY 223*				
General Education Option	3 hours	<i>Biological/Life Sciences</i>	BIO102 BIO109				
		<i>Social and Behavioral Sciences</i> (General Psychology)	PSY101(H)				
A.S. Engineering Technology DEGREE ELECTIVE OPTIONS AND REQUIREMENTS (23 hours)	Institutional Requirements	Computer Literacy met with required Engineering Technology General Education course PHY223			Required course listed above		
		First Year Experience (FYE 1-3 hrs)	Freshman Seminar; Intro. to College; Mastering College Exp.	COL100, 101, 136 (counts as elective degree requirement)			
	REQUIRED ENGINEERING TECHNOLOGY COURSES	22 hours	Calculus II (5)	MTH 185			
			General Physics II (5)	PHY 224*			
			Introduction to Computer Programming (3)	CIS 155			
			Computer Aided Engineering Design (3)	EGR 101			
			Engineering Mechanics-Statics (3)	EGR 228			
Engineering Mechanics-Dynamics (3)	EGR 250						
TOTAL A.S. engineering technology degree credit hours (at least 65 hours required)							
Institution Student Plans to Transfer to and Major Area of Study:							
Student Signature/Date							
Advisor Signature/Date							

Consult your Engineering Advisor and 4-year transfer institution for assistance in selecting courses for your specific degree, major, and transfer institution requirements.