

JEFFERSON COLLEGE
ASSOCIATE OF SCIENCE TRANSFER DEGREE - effective 2021-2022
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 (Public Speaking)</i>	COM 110			
	Humanities and Fine Arts AND/OR Social and Behavioral Sciences	3 hours	<i>Philosophy (Logic)</i>	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 (General Psychology)</i>	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.