

Last Name _____ First _____

ASSOCIATE OF SCIENCE TRANSFER DEGREE - effective 2022-2023

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	Communications	6 hours	Written Communications	ENG 101(H) ENG 102(H)			
		3 hours	Oral Communications	COM 110			
	Humanities and Fine Arts AND/OR Social and Behavioral Sciences	3 hours	Philosophy	PHL 101			
		6 hours	Civics	HST 103(H) PSC 102(H)			
			<i>PSC001 MO Higher Ed Civics Exam must also be completed</i>				
		3 hours	Economics	ECO 101, 102			
		3 hours	Art	ART 101, 103, 105			
			Civilization	HST 201, 202			
			Foreign Language	FRN 101, 102; GRM 101, 102; SPN 101, 102			
			Literature	ENG 105, 106, 215(H), 216(H), 225, 226, 228, 229			
			Geography	GEO 103			
			Music	MSC 101, 131, 133, 231, 232			
	Philosophy/Religion		PHL 102(H), 201, 202(H)				
	Political Science		PSC 155				
	Sociology	SOC 101(H)					
Theatre	THT 100(H)						
Mathematical Sciences	5 hours	Mathematical Sciences	MTH 180 (not a MOTR course but meets general education requirement for math)				
Natural Sciences	10 hours with 2 labs*	Physical Sciences	CHM 111(H)*				
			PHY 223*				
General Education Option	3 hours	Biological/Life Sciences	BIO102 BIO109				
		Social and Behavioral Sciences (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 hr)	Exploring the Field of Engineering	EGR 100 (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.