

Mechanical Technology- Prerequisite List - 2016/2017

To Register In These Courses → You Need Credit In These Courses ↓ LEGEND: C Corequisite X Prerequisite			MECHATRONICS AND ROBOTICS																	
			PROGRAM COURSES																	
			LEVEL 2						LEVEL 3					LEVEL 4						
			ELEX 2205	ELEX 2220	MATH 2342	MECH 1210	PHYS 2164	ROBT 1270	ELEX 3321	MATH 3342	MECH 3355	ROBT 3341	ROBT 3351	ROBT 3356	COMM 2464	ELEX 4336	MECH 0460	MECH 4455	OPMT 1184	ROBT 4451
Prerequisite Courses																				
LEVEL 1	COMM 1164	Technical Writing for Robotics										X								
	ELEX 1205	DC Circuits for Robotics	X	X																
	ELEX 1215	Digital Techniques 1		X																
	MATH 1342	Basic Technical Math	X		X															
	MECH 1104	Computer Aided Design																		
	PHYS 1164	Physics for Robotics				X														
LEVEL 2	ELEX 2205	AC Circuits for Robotics					X				X									
	ELEX 2220	Digital Tech & Elex Controls					X				X	X								
	MATH 2342	Calculus for Robotics		C		C		X		X	X									
	MECH 1210	Manufacturing Processes																		
	PHYS 2164	Applied Physics for Robotics							X	X	X									
	ROBT 1270	"C" Programming								X		X								
LEVEL 3	ELEX 3321	Electronic Circuits 2											X				X			
	MATH 3342	Transform Calculus					C						X							
	MECH 3355	Fluid Power 1													X					
	ROBT 3341	Robot Applications											X							
	ROBT 3351	Automation Equipment											X				X			
	ROBT 3356	Controller Systems											X				X	X		
LEVEL 4	COMM 2464	Technical Writing 2 for ROBT																	C	
	ELEX 4336	Feedback Systems																		
	MECH 0460	Ethics for Technologists																		
	MECH 4455	Fluid Power 2																		
	OPMT 1184	Industrial Engineering ROBT																		
	ROBT 4451	Sensor Interfacing																		
	ROBT 4456	PLC Applications																		
	ROBT 4491	Robotics Project											C							
Note: Successful completion of all level 1, 2 and 3 courses is required for COMM 2464 and ROBT 4491																				
Example: To be eligible for registration in ROBT 3341, you must have credit in MATH 2342, PHYS 2164 and ROBT 1270.																				