

Manufacturing & Process Technology Program Outcomes Crosswalk and 7-Year Assessment Plan

- IO1 **Communication:** Communicate effectively and respectfully using verbal, written, and computer skills
- IO2 **Quantitative Reasoning:** Students will be able to reason mathematically using methods appropriate to the profession
- IO3 **Human Relations/Workplace Skills:** Students will be able to demonstrate teamwork, ethics, appropriate safety awareness and/or workplace specific skills
- PO4 Students will be able to conduct measurements, analyze and interpret data, and propose methods for resolving problems
- PO5 Students will be able to assist with the research, planning, and completion of projects, with consideration for processes, budgets, material, and time
- PO6 Students will be able to draft, modify, and/or interpret technical drawings

MPT PROGRAM OUTCOME AND COURSE CROSSWALK							
Course #	Course Name	IO1	IO2	IO3	PO4	PO5	PO6
MCT 100	INTRODUCTION TO MODERN TECHNOLOGY	X		X			X
MCT 101	MECHATRONICS I	X				X	
MCT 102	MECHATRONICS II		X		X		X
MCT 103	MECHATRONICS III				X	X	
MCT 120	ROBOTICS I			X	X	X	
MCT 220	ROBOTICS II				X	X	X
WKED 110	MISSION CRITICAL OPS MGMT I	X		X			
WKED 111	MISSION CRITICAL OPS MGMT II	X		X			

MPT 7-YEAR ASSESSMENT PLAN								
Course #	Course	2019-20	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
MCT 100	INTRODUCTION TO MODERN TECHNOLOGY			IO3			IO1	
MCT 101	MECHATRONICS I					PO5	IO1	
MCT 102	MECHATRONICS II		IO2		PO4			IO2
MCT 103	MECHATRONICS III				PO4	PO5		
MCT 120	ROBOTICS I			IO3	PO4	PO5		
MCT 220	ROBOTICS II				PO4	PO5		
WKED 110	MISSION CRITICAL OPS MGMT I			IO3			IO1	
WKED 111	MISSION CRITICAL OPS MGMT II			IO3			IO1	

