

## 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	7-YEAR ASSESSMENT CROSSWALK & PLAN							
Course #	Course	2021-22	2022-23	2023-24	2024-25	2025-26	2026-27	2027-28
	ASSESSMENT CYCLE YEAR	YR 5	YR 6	YR 7	YR 1	YR 2	YR 3	YR 4
	CAMPUS PLAN	IO3	IO3		IO1	IO1	IO2	IO2
MCT 100	INTRODUCTION TO MODERN TECHNOLOGY	IO3			IO1			PO6
MCT 101	MECHATRONICS I			PO5	IO1			
MCT 102	MECHATRONICS II		PO4				IO2	PO6
MCT 103	MECHATRONICS III		PO4	PO5				
MCT 120	ROBOTICS I	IO3	PO4	PO5				
MCT 220	ROBOTICS II		PO4	PO5				PO6
WKED 110	MISSION CRITICAL OPS MGMT I	IO3			IO1			
WKED 111	MISSION CRITICAL OPS MGMT II	IO3			IO1			