



Course#	Course Name	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021
606-176	CAD 2-D, AutoCAD	x	x	x	x	x	x	x	x
617-114	CAD 3-D, SolidWorks	x	x	x	x	x	x	x	x
623-162	Manufacturing Processes		x		x		x		x
617-115	Jig and Fixture Design	x	x	x	x	x	x	x	x
623-190	Basic Metrology	x				x			
628-136	Statistical Process Control			x					
623-118	Gage Calibration/Repeat/Reproducibility (OR)	x				x			x
628-122	Basic CNC Programming & Operation	x				x			
623-151	Lean Manufacturing				x				
623-170	Process Planning						x		
623-196	Geometric Dimensioning & Tolerancing	x		x		x		x	
628-110	Integrated Manufacturing Planning - Process Engineering Technology					x			
628-111	Integrated Manufacturing Production - Process Engineering Technology						x		
806-137	Comprehensive Technical Physics						x		
Industrial/Manufacturing Track Technical Studies Courses:									
628-132	Advanced CNC Programming and Operation	x				x			
620-151	Fanuc Robotics and Vision Systems		x		x		x		x
628-142	Computer Aided Manufacturing					x			
Quality Assurance Track Technical Studies Courses:									
623-106	Quality Tools or 628-133						online		online
623-134	Basic CMM Programming and Operation				x				x
623-167	ISO 9000 and Auditing or 623-142	x						x	

Shaded courses are shared with Mechanical Design Technology