

10-606-1 Mechanical Design Technology

Evening Degree Program Offerings

Rev. 5/26/2016

		Year of Rotation		4		1		2		3	
Course Number	Course Name	Fall 2017	Spring 2018	Fall 2018	Spring 2019	Fall 2019	Spring 2020	Fall 2020	Spring 2021		
Required Program Courses	606-176	CAD 2-D AutoCAD	X	X	X	X	X	X	X	X	X
	617-114	CAD 3-D, SolidWorks	X	X	X	X	X	X	X	X	X
	606-107	Component Design	X		X		X		X		
	617-115	Jig and Fixture Design	X	X	X	X	X	X	X	X	X
	617-149	Tool Design		X		X		X			X
	623-162	Manufacturing Processes		X		X		X			X
	623-196	Geometric Dimensioning and Tolerancing	X		X		X		X		
	606-132	Materials of Industry				X					X
	606-112	Integrated Manufacturing Planning - Mechanical Design					X				
	606-111	Integrated Manufacturing Production - Mechanical Design						X			
	606-128	Design Statics							X		
	606-130	Strengths of Materials									X
	606-116	Machine Elements	X								
606-125	Product Design		X								
Electives	617-112	CAD 3-D, Pro-Engineer Creo	X		X		X		X		
	617-123	Advanced SolidWorks Assembly Modeling	X		X		X		X		
Die Design Certificate	617-147	Die Design 2	X	X	X	X	X	X	X	X	X
	617-148	Die Design 3	X	X	X	X	X	X	X	X	X
Mold Design Certificate	617-152	Mold Design 2	X		X		X		X		
	617-153	Mold Design 3		X		X		X			X

Shaded courses are shared with Process Engineering Technology