

University of Engineering and Technology, Taxila

Mechanical Engineering Department

2022-ME Course to PLO Mapping

Semester	Code	Course	PLO-1	PLO-2	PLO-3	PLO-4	PLO-5	PLO-6	PLO-7	PLO-8	PLO-9	PLO-10	PLO-11	PLO-12
1	CS-101	Computer Systems and Programming (Theory)	C1, C2, C3											
	CS-101-L	Computer Systems and Programming Lab (Lab)	C1, C2, C3											
	HU-101	Functional English (Theory)									C2, A3	C3		
	MS-101	Health, Safety and Environment (Theory)		C4				C3	C3	C3				
	NS-101	Calculus and Analytical Geometry (Theory)	C2	C3										
	NS-102	Applied Chemistry (Theory)	C1, C2											
	ME-111	Engineering Drawing and Graphics (Theory)	C2	C3	C4									
	ME-111-L	Engineering Drawing and Graphics Lab (Lab)	P3	P3								P4		
	ME-131	Workshop Practice (Theory)	C1, C2	C3										
ME-131-L	Workshop Practice Lab (Lab)					C3, P3		A2		A4				
QT-101	Quran Translation-I (Imaniyat) (QT)													
2	EE-102	Electrical Engineering (Theory)	C1, C2, C3											
	EE-102-L	Electrical Engineering Lab (Lab)	P3	P2										
	NS-103	Applied Physics (Theory)	C1, C2											
	NS-103-L	Applied Physics Lab (Lab)	C3	P2	P4									
	NS-104	Linear Algebra and Ordinary Differential Equations (Theory)	C2, P2, C3, C3, P1	C3, P2										
	ME-112	Engineering Mechanics-I: Statics (Theory)	C2	C3		C4								
	ME-113	Engineering Materials (Theory)	C2	C4					C2					
	ME-113-L	Engineering Materials Lab (Lab)				P3	P3			A3				
	ME-114-L	Computer Aided Drawing lab (Lab)					P3, C2					A2		
ME-121	Fluid Mechanics-I (Theory)	C2	C3, C4											
3	NS-205	Complex Variables and Transforms (Theory)	C2, C4	C3										
	ME-211	Engineering Mechanics-II: Dynamics (Theory)	C2	C4							P4			
	ME-212-L	Engineering Mechanics Lab (Lab)			P4	P3						A2		
	ME-213	Mechanics of Materials-I (Theory)	C2	C3, C4										
	ME-221	Fluid Mechanics-II (Theory)	C2	C3	C4									
	ME-222-L	Fluid Mechanics Lab (Lab)				P3, C2						C2		
	ME-223	Thermodynamics-I (Theory)	C2	C3, C4										
	ME-231	Manufacturing Processes-I (Theory)	C2		C4, C3				C5					
QT-202	Quran Translation-II (Ibadaat) (QT)													
4	HU-202	Islamic Studies/ Ethics (Theory)						C2, C4		C2				
	NS-206	Numerical Analysis (Theory)		C2, C3, C4										
	ME-214	Mechanics of Materials-II (Theory)		C3	C4							A2		
	ME-215-L	Mechanics of Materials Lab (Lab)				P3					P3	A2		
	ME-216	Machine Design-I (Theory)	C2	C4								C3		
	ME-224	Thermodynamics-II (Theory)	C2	C4, C3										
	ME-225-L	Thermodynamics Lab (Lab)	A2	C2		P2								
	ME-232	Manufacturing Processes-II (Theory)	C2		C2		C4, C3							
ME-233-L	Manufacturing Processes Lab (Lab)			P3, P2		P2								
5	EE-303	Electronics Engineering (Theory)	C1	C2										
	EE-303-L	Electronics Engineering Lab (Lab)				P3						A2		
	HU-303	Communication Skills (Theory)										C2, C5, C3		
	HU-303-L	Communication Skills Lab (Lab)										C1, A2, A5, C5		
	NS-307	Applied Statistics (Theory)	C2, C3	C4										
	ME-311	Machine Design-II (Theory)		C3	C4	C4								
	ME-312-L	Computer Aided Engineering Lab (Lab)					P3, C2					A2		
	ME-321	Heat and Mass Transfer (Theory)	C3	C3	C3	C3								
ME-331	Measurement and Instrumentation (Theory)	C2	C4	C6										
QT-303	Quran Translation-III (Muamlaat) (QT)													

6	MS-302	Engineering Economics (Theory)							C5				C2, C4	C6
	HU-304	Technical Report Writing & Presentation Skills (Theory)									C2, C3	C3		
	ME-313	Mechanics of Machines (Theory)	C2	C3	C4									
	ME-322	Refrigeration and Air Conditioning (Theory)		C3	C3				C4					C2
	ME-323-L	Heat Transfer and R & A/C Lab (Lab)				P3	C4				C3	A2		
	ME-324	Power Plants (Theory)		C3	C4				C3					C2
	ME-332	Control Engineering (Theory)	C3	C4	C6									
	ME-333-L	M&I and Control Lab (Lab)				P3	P3					A2		
7	MS-406	Project Management (Theory)									A3		C5, C3	
	MS-409	Supply Chain Management (Theory)						C2	C3	C4	C4	C3		
	HU-405	Pakistan Studies (Theory)						C1, C2	C4					
	ME-411	Mechanical Vibrations (Theory)			C3	C4						A2		
	ME-412-L	Mechanisms and Mechanical Vibrations Lab (Lab)				P3					P3	A2		
	ME-421	Internal Combustion Engines (Theory)	C3		C3				C3					C3
	ME-422-L	Power Plants and IC Engines Lab (Lab)				P3					A2	C3		
	ME-428	Automotive Engineering (Theory)	C2	C4		C5								
	ME-434	Maintenance Engineering (Theory)	C2		C3, C6									
	ME-499-A	Design Project-I (Lab)	P1	P2						P3				
	ME-428-L	Automotive Engineering Lab (Lab)				P4					C4			
	ME-434-L	Maintenance Engineering Lab (Lab)			P2, A3							C1		
	QT-404	Quran Translation-IV (Akhlaqiyat) (QT)												
8	ME-431	Advanced Manufacturing Systems (Theory)		C4	C3									C4
	ME-431-L	Advanced Manufacturing Systems Lab (Lab)				P4	P3							
	ME-433	Robotics (Theory)	C2, C3		C5									
	ME-433-L	Robotics Lab (Lab)					C3			A4	A2			
	HU-406	Social Sciences (Theory)						X		X				
	ME-413	Finite Element Methods (Theory)	C2	C3			C4							
	ME-413-L	Finite Element Methods Lab (Lab)					P3, A3							P5
	ME-423	Renewable Energy Technology (Theory)		C3	C4		C3		C3					
	ME-423-L	Renewable Energy Technology Lab (Lab)				C2	P3			P4				
	ME-424	Gas Dynamics (Theory)		C3		C4	C5							
	ME-424-L	Gas Dynamics Lab (Lab)				C3	P3					A2		
	MS-404	Entrepreneurship (Theory)						C3				C5	C4	C6
	ME-499-B	Design Project-II (Lab)			C3	C3				C3		C3	C3	C3

X indicates that no CLO Taxonomy exists for that Course