

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	Summer
Hours		Item Type	Department Elective
Group NO		Max Registration hrs	9
Faculty	9		
Department	1		
Special Department	Hijawi For Engineering Technology		
Gender	Industrial Engineering		
	Engineering Management		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
IEM 616	Simultaneous Engineering	3		( )	Blended
IEM 621	Human Factors and Product Design	3		( )	Blended
IEM 644	Design of Quality systems	3		( )	Blended
IEM 645	Complex Engineered Systems	3		( )	Blended
IEM 647	Engineering and Technology Management	3		( )	Online
IEM 649	Engineering Risk Analysis	3		( )	Online
IEM 661	Lean and Agile Systems	3		( )	Blended
IEM 662	Engineering Innovation and design	3		( )	Blended
IEM 670	Special topics	3		( )	Blended

Admission Year	2023	Program	Master
Plan Type	Comprehensive exam	Semester	Summer
Hours		Item Type	Department Mandatory
Group NO	24	Max Registration hrs	24
Faculty	1		
Department			
Special Department	Hijawi For Engineering Technology		
Gender	Industrial Engineering		
	Engineering Management		
	BOTH		

Course code	Course Name	hrs	Prerequisite Course	Equivalent Course	Teaching Method
IEM 641	Modeling and optimization	3		( )	Normal
IEM 642	Decision support systems	3		( )	Normal
IEM 643	Maintenance Management Systems	3		( )	Normal
IEM 646	Simulation Modeling and Analysis	3		( )	Blended
IEM 648	Logistics and Supply Chain Analysis	3		( )	Blended
IEM 651	Research and Statistical analysis	3		( )	Normal
IEM 690	Graduation Project	3		( )	Blended
IEM 691	Project Management for Managers	3		( )	Blended
IEM 698	COMPREHENSIVE EXAM	0		( )	