

College Engineering

کۆلیژی ئەندازیاری

Department of Mechanical Engineering بەشی میکانیک

First Year



Code	Module	پهکه Units	ژماره‌ی کاتژمێر له ههفته‌یه‌کدا Hours / Week			بابهت
			لێۆری Lecture	پراکتیکی Lab	کلێۆگۆ Tutorial	
ME101	Information technology	4	1	2	-	
ME102	English Language	6	2	2	-	
ME103	Kurdology	4	2	-	-	
ME104	Academic Debate & Critical thinking	4	1	2	-	//
ME105	Engineering Mechanics Static	4	2	-	1	
ME106	Mathematics	6	3	-	1	
ME107	Electrical Engineering Principles	3	1	1	1	//
ME108	Production Principles & Workshop	4	1	3	1	//
ME109	Engineering Drawing & Descriptive Geometry	4	1	3	-	□
Total		39	14	13	4	کۆی گشتی

Second Year

Code	Module	پهڪه Units	ژماره ي ڪاترمير له هفتته پهڪدا Hours / Week			بابهت
			ٽيوري Lecture	پراڪٽيڪي Lab	گفتوگو Tutorial	
ME201	Fluid & Gas Dynamics	6	3	-	1	
ME202	Strength of Material	6	3	-	1	
ME203	Engineering Mathematics	6	3	-	1	
ME204	Thermodynamics	6	3	-	1	
ME205	Engineering Mechanics / Dynamics	4	2	-	1	
ME206	Numerical Analysis & Programming	4	1	2	1	
ME207	Engineering Metallurgy	4	2	-	-	
ME208	Mechanical Drawing	4	1	2	-	
ME209	Mechanical Engineering Lab	2	-	3	-	
Total		42	18	7	6	ڪوي گشتي

Third Year

Code	Module	پهڪه Units	ژماره ي ڪاترمير له هفتته پهڪدا Hours / Week			بابهت
			ٽيوري Lecture	پراڪٽيڪي Lab	گفتوگو Tutorial	
ME301	Theory of Machines	6	3	-	-	
ME302	Internal Combustion Engines	6	3	-	-	
ME303	Theory of Vibration	6	3	-	-	
ME304	Manufacturing processes	6	3	-	-	
ME305	Heat Transfer	6	3	-	-	
ME306	Engineering Analysis	4	2	-	1	
ME307	Electric Machines	4	1	2	1	
ME308	Finite Element Methods	2	1	-	1	
ME309	Mech. Eng. Laboratory	2	-	3	-	
Total		42	19	5	3	ڪوي گشتي

Fourth Year

Code	Module	پہکے Units	ژماره‌ی کاتریمیر له ههفته‌یه‌کدا Hours / Week			بابه‌ت
			لیواری Lecture	پراکتیکی Lab	گتوگۆ Tutorial	
ME401	Machine design	6	3	-	1	
ME402	Air –conditioning & Refrigeration	6	3	-	1	
ME403	Control Engineering & Measurement	6	3	-	1	
ME404	Industrial Engineering	4	2	-	-	
ME405	Power Cycles & Fluid Machinery	4	2	-	2	
ME406	Automotive Engineering	4	2	-	1	
ME407	CAD & CAM	2	1	-	1	
ME408	Elective	2	1	-	1	
ME409	Research project	4	1	2	-	
ME410	Mechanical Eng. Laboratories	2	-	3	-	
Total		40	18	5	8	کۆی گشتی

Elective

1. Acoustics
2. Rotor-dynamics
3. Mechatronics
4. Renewable Energy
5. Composite Materials
6. Pollution
7. Welding Metallurgy
8. Aerodynamics & jet propulsion) □