

# College Engineering

کۆلیژی ئەندازیاری

## Department of Electrical Engineering

بەشی ئەندازیاری کارەبا

### First Year

Code	Module	په‌که Units	ژماره‌ی کاتژمێر له ههفته‌یه‌کدا Hours / Week			بابه‌ت
			لێوێ Lecture	پراکتیکی Lab	گفتوگۆ Tutorial	
EE101	Information technology	4	1	2	-	//
EE102	English Language	6	2	2	-	
EE103	Kurdology	4	2	-	-	
EE104	Academic Debate & Critical thinking	4	1	2	-	
EE105	Mathematics-I	6	3	-	1	//
EE106	Fundamental of Electrical Engineering	6	3	-	1	//
EE107	Principles of Electronics	4	2	-	1	
EE108	Fundamentals of Mechanical Engineering	6	3	-	-	□
EE109	Electrical Engineering Laboratory	2	-	3	-	
Total		42	17	9	3	کۆی گشتی

### Second Year

Code	Module	پیکه Units	ژماره‌ی کاتر میز له ههفته‌یه‌کدا Hours / Week			بابهت
			تپوری Lecture	پراکتیکی Lab	گفتوگۆ Tutorial	
			EE201	Mathematics II	6	
EE202	Electrical Circuits – II	6	3	-	1	
EE203	Electrical Machines - I	4	2	-	1	
EE204	Analogue Electronics – I	4	2	-	1	
EE205	Digital Electronics	4	2	-	-	
EE206	Electromagnetic Fields	4	2	-	-	
EE207	Engineering Drawing	2	-	3	-	
EE208	Computer Programming	4	1	2	-	
EE209	Electrical Engineering Lab	4	-	6	-	
<b>Total</b>		<b>38</b>	<b>15</b>	<b>11</b>	<b>4</b>	<b>کۆی گشتی</b>

### Third Year (General)

Code	Module	پیکه Units	ژماره‌ی کاتر میز له ههفته‌یه‌کدا Hours / Week			بابهت
			تپوری Lecture	پراکتیکی Lab	گفتوگۆ Tutorial	
			EE301	Engineering Analysis	6	
EE302	Communication Engineering-I	6	3	-	-	
EE303	Electrical Machines-II	6	3	-	-	
EE304	Power Engineering-I	6	3	-	-	
EE305	Digital Electronics-II	4	2	-	-	
EE306	Industrial Electronics	4	2	-	-	
EE307	Numerical Analysis in MATLAB	4	1	2	-	
EE308	Electrical Measurements	2	1	-	1	
EE309	Electrical Engineering Lab.	4	-	6	-	
<b>Total</b>		<b>42</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>کۆی گشتی</b>

## Electronics & Communications Engineering

### Third Year

Code	Module	پهڪه Units	ژمارهه ڪاترمير له ههفته پهڪدا Hours / Week			بابهت
			ٽيوري Lecture	پراڪٽيڪي Lab	گفتوگو Tutorial	
EE301	Engineering Analysis	6	3	-	-	
EE302	Communication Engineering-I	6	3	-	-	
EE310	Radiation & Propagation	6	3	-	-	
EE311	Analogue Electronics II	6	3	-	-	
EE305	Digital Electronics-II	4	2	-	-	
EE312	Power & Machines	4	2	-	-	
EE307	Numerical Analysis in MATLAB	4	1	2	-	
EE308	Electrical Measurements	2	1	-	1	
EE313	Electrical Engineering Lab.	4	-	6	-	
<b>Total</b>		<b>42</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>ڪوي گشتي</b>

### Fourth Year (General)

Code	Module	پهڪه Units	ژمارهه ڪاترمير له ههفته پهڪدا Hours / Week			بابهت
			ٽيوري Lecture	پراڪٽيڪي Lab	گفتوگو Tutorial	
EE401	Control Engineering	6	3	-	-	
EE402	Power Engineering II	6	3	-	-	
EE403	Electrical Machines-III	6	3	-	-	
EE404	Communication Engineering-II	4	2	-	1	
EE405	Microprocessors & Microcomputers	4	2	-	-	
EE406	Computer Networking	4	2	-	-	
EE407	Elective	4	2	-	-	
EE408	Research Project	4	1	2	-	
EE409	Electrical Engineering Lab.	4	-	6	-	
<b>Total</b>		<b>42</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>ڪوي گشتي</b>

Electives

1. PLC
2. Renewable energy
3. MEMS
4. Automations
5. Robotics
6. managements

## Electronics & Communications Engineering

### Fourth Year

Code	Module	یهکه Units	ژماره‌ی کاترمیر له ههفته‌یه‌کدا Hours / Week			بابهت
			تپوری Lecture	پراکتیکی Lab	گفتوگۆ Tutorial	
EE401	Control Engineering	6	3	-	-	
EE410	Communication Systems	4	2	-	1	
EE411	Communication Engineering-II	6	3	-	-	
EE412	Computer Architecture	6	3	-	-	
EE413	Digital Signal Processing	4	2	-	-	
EE406	Computer Networking	4	2	-	-	
EE414	Elective	4	2	-	-	
EE408	Research Project	4	1	2	-	
EE415	Electrical Engineering Lab.	4	-	6	-	
<b>Total</b>		<b>42</b>	<b>18</b>	<b>8</b>	<b>1</b>	<b>کۆی گۆشتی</b>

#### Electives

1. Optical fiber
2. Mobile communication
3. Radar
4. Ic technology
5. Management