

**EUROPEAN UNIVERSITY OF LEFKE**  
**FACULTY OF ENGINEERING**

**Department of Electrical and Electronics Engineering**  
**Undergraduate Curriculum**

1st Semester				2nd Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP117	Computing Foundations	(3-1)3	7	CHEM104	Chemistry	(3-2)4	6
EE119	Introduction to Profession	(2-0)0	2	COMP124	Computer Programming	(3-2)4	6
ENGL121	English I	(3-0)3	4	ENGL122	English II	(3-0)3	4
MATH101	Calculus I	(3-2)4	6	MATH110	Calculus II	(3-2)4	6
MATH109	Linear Algebra	(3-0)3	5	PHYS104	Physics II	(3-2)4	6
PHYS103	Physics I	(3-2)4	6	TURK210/ HIST210	Turkish (TR/NC Stds only)/ History (Foreign Stds only)	(2-0)0	2
<b>TOTAL:</b>		<b>17</b>	<b>30</b>	<b>TOTAL:</b>		<b>19</b>	<b>30</b>
3rd Semester				4th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
EE203	Digital Circuits I	(2-2)3	6	EE214	Electromagnetic Theory I	(3-0)3	5
EE215	Circuit Theory I	(3-2)4	6	EE216	Circuit Theory II	(3-2)4	6
EE227	Electrical Materials	(3-0)3	6	EE222	Technical Drawing & CAD	(3-0)3	3
MATH201	Ordinary Differential Equations	(3-2)4	6	EE228	Electronics I	(3-2)4	6
EULXX1	Free Elective I	(3-0)3	4	MATH224	Engineering Maths	(3-0)3	5
TURK200/ HIST100	Turkish (Foreign Stds only)/ History (TR/NC Stds only)	(2-0)2	2	MATH226	Probability & Statistics Methods	(3-0)3	5
<b>TOTAL:</b>		<b>19</b>	<b>30</b>	<b>TOTAL:</b>		<b>20</b>	<b>30</b>
5th Semester				6th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
EE315	Electromagnetic Theory II	(3-0)3	5	EE320	Microprocessor Systems	(3-2)4	6
EE317	Signals and Systems	(3-1)3	6	EE322	Control Systems	(3-0)3	5
EE337	Electronics II	(3-2)4	6	EE342	Communication Systems I	(3-2)4	6
EE339	Electronic Instrumentation	(3-0)3	3	EE3XX2	Technical Elective II	(3-0)3	5
EE341	Electromech. Energy Conv. I	(3-0)3	5	EULXX2	Free Elective II	(3-0)3	3
EE3XX1	Technical Elective I	(3-0)3	5	EE348	Electromech. Energy Conv. II	(3-0)3	5
<b>TOTAL:</b>		<b>19</b>	<b>30</b>	<b>TOTAL:</b>		<b>20</b>	<b>30</b>
7th Semester				8th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
ECON413	Engineering Economics	(3-0)3	5	EE420	Graduation Project II	(0-6)3	10
EE410	Graduation Project-I	(0-6)1	3	ENGG434	Engineering Ethics	(3-0)3	5
EE4XX3	Technical Elective III	(3-0)3	5	EE4XX7	Technical Elective VI	(3-0)3	5
EE4XX4	Technical Elective IV	(3-0)3	5	EE4XX8	Technical Elective VII	(3-0)3	5
EE4XX5	Technical Elective V	(3-0)3	5	EE4XX9	Technical Elective VIII	(3-0)3	5
ENGG411	Strategic Planning and Management	(0-0)3	5				
EE310	Summer Training	(0-0)0	2				
<b>TOTAL:</b>		<b>16</b>	<b>30</b>	<b>TOTAL:</b>		<b>15</b>	<b>30</b>

**Total Credit 145 - Total ECTS 240**

**FACULTY TECHNICAL ELECTIVE COURSES\***

CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
EE319	Industrial and Power Electronics I	(3-0)3	5	EE421	Radar Techniques	(3-0)3	5
EE321	Satellite Communications	(3-0)3	5	EE423	Electrical Installation	(3-0)3	5
EE323	Applied Digital Logic Design	(3-0)3	5	EE429	Antennas and Propagation	(3-0)3	5
EE327	Intro to Mobile Communication	(3-0)3	5	EE430	Broadband Communications	(3-0)3	5
EE329	Intr. to Telecommunication Networks	(3-0)3	5	EE432	Wideband Mobile Communic.	(3-0)3	5
EE334	Transmission and Distribution	(3-0)3	5	EE433	Fibre Optic Communications	(3-0)3	5
EE336	Industrial and Power Electronics II	(3-0)3	5	EE436	Power Systems Analysis I	(3-0)3	5
EE344	Static Power Conversion	(3-0)3	5	EE437	Renewable Energy Syst. & Utiliz.	(3-0)3	5
EE402	Digital Signal Processing	(3-0)3	5	EE439	Programmable Logic Controllers	(3-0)3	5
EE403	Communication Systems II	(3-0)3	5	EE440	Power Systems Analysis II	(3-0)3	5
EE407	Principles of Communications	(3-0)3	5	EE441	Illumination Engineering	(3-0)3	5
EE408	Telecom Transmission Design	(3-0)3	5	EE466	Power system Protection	(3-0)3	5
EE409	High Voltage Engineering	(3-0)3	5				
EE419	Wireless Communications	(3-0)3	5				