



EUROPEAN UNIVERSITY OF LEFKE

FACULTY OF ENGINEERING

Department of Electronics and Communication Engineering Undergraduate Curriculum

1st Semester				2nd Semester			
CODE	Course Name	CREDIT	ECTS	CODE	Course Name	CREDIT	ECTS
COMP117	Computing Foundations	(3-2)4	7	COMP124	Computer Programming	(3-2)4	6
ECE119	Introduction to Profession	(2-0)0	2	CHEM104	Chemistry	(3-2)4	6
ENGL121	English I	(3-0)3	4	ENGL122	English II	(3-0)3	4
MATH101	Calculus I	(3-1)4	6	MATH110	Calculus II	(3-1)4	6
MATH109	Linear Algebra	(3-0)3	5	PHYS104	Physics II	(3-2)4	6
PHYS103	Physics I	(3-2)4	6	TURK100/ HIST200	Turkish (TR/NC Stds only) / History (Foreign Stds only)	(2-0)0	2
TOTAL		18	30	TOTAL		19	30
CODE	Course Name	CREDIT	ECTS	CODE	Course Name	CREDIT	ECTS
ECE203	Digital Circuits	(2-2)3	6	ECE204	Electronics I	(3-2)4	6
ECE205	Circuit Theory I	(3-2)4	6	ECE214	Electromagnetic Theory I	(3-0)3	5
ECE227	Electrical Materials	(3-0)3	6	ECE216	Circuit Theory II	(3-2)4	6
MATH201	Ord. Diff. Equations	(3-1)4	5	MATH226	Probability & Statistical Methods	(3-0)3	4
EULXX1	Free Elective I	(3-0)3	5	MATH224	Engineering Maths	(3-0)3	4
TURK200 / HIST100	Turkish (Foreign Stds only) / History (TR/NC Stds only)	(2-0)2	2	EULXX2	Free Elective II	(3-0)3	5
TOTAL		19	30	TOTAL		20	30
CODE	Course Name	CREDIT	ECTS	CODE	Course Name	CREDIT	ECTS
COMP333	Comp. Arch & Organisation	(3-1)4	6	ECE308	Microprocessor Systems	(3-2)4	6
ECE311	Electronics II	(3-2)4	7	ECE312	Communication Systems I	(2-2)3	5
ECE317	Electromagnetic Theory II	(3-0)3	6	EE322	Control Systems	(3-0)3	5
EE317	Signals and Systems	(2-2)3	6	ECE3xx2	Technical Elective II	(3-0)3	4
ECE3XX1	Technical Elective I	(3-0)3	5	ECE3XX2	Technical Elective III	(3-0)3	5
				ECE3XX3	Technical Elective IV	(3-0)3	5
TOTAL		17	30	TOTAL		19	30
CODE	Course Name	CREDIT	ECTS	CODE	Course Name	CREDIT	ECTS
ECE403	Digital Communication	(3-0)3	5	ECE420	Graduation Project II	(0-6)3	10
ECE409	Graduation Project I	(0-2)0	4	ECE408	Digital Signal Processing	(3-0)3	6
ENGG413	Engineering Economics	(3-0)3	5	ENGG434	Engineering Ethics	(3-0)3	4
ENGG411	Strategic Planning and Management	(3-0)3	4	ECE4XX6	Technical Elective VII	(3-0)3	5
ECE4XX4	Technical Elective V	(3-0)3	5	ECE4XX7	Technical Elective VIII	(3-0)3	5
ECE4XX5	Technical Elective VI	(3-0)3	5				
ECE310	Summer Training	(0-1)0	2				
TOTAL		15	30	TOTAL		15	30

Total Credit: 142, Total ECTS: 240

FACULTY ELECTIVE COURSES*

CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
EE321	Satellite Communications	(3-0)3	5	EE430	Broadband Communications	(3-0)3	5
EE323	Applied Digital Logic Design	(3-0)3	5	EE431	Princ. of Digital Image Processing	(3-0)3	5
EE327	Introd. to Mobile Communication	(3-0)3	5	EE432	Wideband Mobile Communications	(3-0)3	5
EE329	Introd. to Telecoms Networks	(3-0)3	5	EE433	Fibre Optic Communications	(3-0)3	5
EE346	VLSI Design	(3-0)3	5	EE439	Programmable Logic Controllers	(3-0)3	5
EE407	Principles of Communications	(3-0)3	5	EE462	Digital Control Systems	(3-0)3	5
EE408	Telecom Transmission Design	(3-0)3	5	COMP342	Computer Networks	(3-0)3	5
EE418	Microwave Theory and Design	(3-0)3	5	COMP337	Database Management Systems	(3-0)3	5
EE419	Wireless Communications	(3-0)3	5	COMP448	Artificial Neural Networks	(3-0)3	5
EE421	Radar Techniques	(3-0)3	5	COMP449	Embedded Systems Design	(3-0)3	5
EE429	Antennas and Propagation	(3-0)3	5				