



EUROPEAN UNIVERSITY OF LEFKE
FACULTY OF ENGINEERING
Department of Computer Engineering
Undergraduate Curriculum

1st Semester				2nd Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP117	Computing Foundations	(3-2)4	7	CHEM104	Chemistry	(3-2)4	6
COMP119	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	(3-1)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	TURK200/ HIST100	Turkish (Foreign Stds only) / History (TR/NC Stds only)	(2-0)2	2
TOTAL:		18	30	TOTAL:		21	30
3rd Semester				4th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP205	Digital Logic Design	(3-2)4	6	COMP214	Operating Systems	(3-0)3	5
COMP217	Data Structures	(3-2)4	7	COMP218	Object-Oriented Programming	(3-2)4	6
COMP219	Electronics for Computer Engineers	(3-2)4	7	COMP228	Digital System Design	(3-1)3	5
MATH201	Ordinary Differential Equations	(3-1)4	6	MATH224	Engineering Maths	(3-0)3	5
COMP209	Discrete Mathematics	(3-0)3	4	MATH226	Probability & Statistical Methods	(3-0)3	5
				EULXX1	Free Elective I	(3-0)3	4
TOTAL:		19	30	TOTAL:		19	30
5th Semester				6th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP333	Computer Arch. and Organisation	(3-1)4	6	COMP342	Computer Networks	(3-0)3	5
COMP335	Analysis of Algorithms	(3-0)3	6	COMP362	Microprocessor Systems	(3-2)4	7
COMP337	Database Management Systems	(3-2)4	7	COMP364	Principle of Programming Languages	(3-1)4	6
COMP339	Systems Programming	(3-0)3	5	COMP368	Software Engineering	(3-0)3	6
COMP343	Signals & Systems	(3-1)3	6	EULXX2	Free Elective II	(3-0)3	4
				TURK210/ HIST210	Turkish (TR/NC Stds only)/ History (Foreign Stds only)	(2-0)0	2
TOTAL:		17	30	TOTAL:		17	30
7th Semester				8th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP400	Graduation Project I	(0-0)1	3	COMP450	Graduation Project II	(0-6)3	5
ECON413	Engineering Economics	(3-0)3	5	ENGG434	Engineering Ethics	(3-0)3	5
ENGG411	Strategic Planning and Management	(3-0)3	5	COMPXX4	Technical Elective IV	(3-0)3	5
COMPXX1	Technical Elective I	(3-0)3	5	COMPXX5	Technical Elective V	(3-0)3	5
COMPXX2	Technical Elective II	(3-0)3	5	COMPXX6	Technical Elective VI	(3-0)3	5
COMPXX3	Technical Elective III	(3-0)3	5				
COMP310	Summer Training	(0-0)0	2				
TOTAL:		16	30	TOTAL:		15	30

Total Credit 142- Total ECTS 240

FACULTY ELECTIVE COURSES

CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
SENG303	Sw. Requirements Analysis and Spec.	(3-0)3	5	COMP461	Automata Theory	(3-0)3	5
SENG308	Sw. Quality Assurance and Testing	(3-0)3	5	COMP463	Modern Programming Platforms	(3-0)3	5
SENG310	Sw. Design and Architecture	(3-0)3	5	COM P464	Internet Programming	(3-0)3	5
SENG312	Human Computer Interaction	(3-0)3	5	COMP465	Advanced Computer Graphics	(3-0)3	5
COMP405	Database Systems II	(3-0)3	5	COMP466	Advanced Data Structures	(3-0)3	5
COMP415	Artificial Intelligence	(3-0)3	5	COMP468	3D Computer Graphics	(3-0)3	5
COMP440	Database Security	(3-0)3	5	COMP469	Discrete Event System Simulation	(3-0)3	5
COMP448	Artificial Neural Networks	(3-0)3	5	COMP471	Java Programming	(3-0)3	5
COMP449	Embedded System Design	(3-0)3	5	COMP472	Pattern Classification	(3-0)3	5