



EUROPEAN UNIVERSITY OF LEFKE

FACULTY OF ENGINEERING

Department of Software Engineering Undergraduate Curriculum

1st Semester				2nd Semester			
CODE	Course Name	Lect.	ECTS	CODE	Course Name	Lect.	Cr Hrs
COMP117	Computing Foundations	(3-1)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	(3-2)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	HIST100/ TURK200	History (Foreign Stds only) / Turkish (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
COMP217	Data Structures	(3-2)4	7	COMP214	Operating Systems	(3-0)3	5
MATH201	Ordinary Differential Equations	(3-2)4	5	COMP218	Object-Oriented Programming	(3-2)4	7
COMP205	Digital Logic Design	(3-2)4	7	SENG212	Software Requirements Analysis and Specification	(3-0)3	5
COMP209	Discrete Mathematics	(3-0)3	6	MATH224	Engineering Maths	(3-0)3	4
EULXX1	Free Elective I	(3-0)3	5	MATH226	Probability & Statistical Methods	(3-0)3	4
				EULXX2	Free Elective II	(3-0)3	5
TOTAL		18	30	TOTAL		19	30
5th Semester				6th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP335	Analysis of Algorithms	(3-0)3	6	COMP342	Computer Networks	(3-0)3	6
COMP337	Database Management Systems	(3-2)4	7	COMP364	Principles of Programming Languages	(3-1)4	6
COMP339	Systems Programming	(3-0)3	5	COMPxx1	Technical Elective I	(3-0)3	4
SENG305	Software Design & Architecture	(3-0)3	6	SENG308	Software Quality Assurance and Testing	(3-0)3	6
SENG308	Sw. Quality Assurance & Testing	(3-0)3	6	SENG312	Human Computer Interaction	(3-0)3	6
				TURK210/ HIST210	Turkish (Foreign Stds only)/ History (Foreign Stds only)	(2-0)0	2
TOTAL		17	30	TOTAL		16	30
7th Semester				8th Semester			
CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
ENGG413	Engineering Economics	(3-0)3	5	ENGG434	Engineering Ethics	(3-0)3	4
ENGG411	Strategic Planning and Management	(3-0)3	4	SENG450	Graduation Project II	(0-6)3	11
SENG400	Graduation Project I	(0-6)1	4	COMPXX4	Elective IV	(3-0)3	5
SENG407	Software Project Management	(3-0)3	5	COMPXX5	Elective V	(3-0)3	5
COMPXX2	Technical Elective II	(3-0)3	5	COMPXX6	Elective VI	(3-0)3	5
COMPXX3	Technical Elective III	(3-0)3	5				
SENG360	Summer Training	(0-0)0	2				
TOTAL		16	30	TOTAL		15	30

Total Credit: 138, Total ECTS: 240

FACULTY ELECTIVE COURSES*

CODE	COURSE NAME	CREDIT	ECTS	CODE	COURSE NAME	CREDIT	ECTS
COMP405	Database Systems II	(3-0)3		COMP465	Advanced Computer Graphics	(3-0)3	
COMP415	Artificial Intelligence	(3-0)3		COMP466	Advanced Data Structures	(3-0)3	
COMP440	Database Security	(3-0)3		COMP467	Functional & Logic Programming	(3-0)3	
COMP448	Artificial Neural Networks	(3-0)3		COMP468	3D Computer Graphics	(3-0)3	
COMP449	Embedded System Design	(3-0)3		COMP469	Discrete Event System Simulation	(3-0)3	
COMP461	Automata Theory	(3-0)3		COMP471	Java Programming	(3-0)3	
COMP463	Modern Programming Platforms	(3-0)3		COMP472	Pattern Classification	(3-0)3	
COMP464	Internet Programming	(3-0)3					