

Information and Communication Technology
(2 Years/120 ECTS, Diploma)
Nicosia

A/A	Course Type	Course Name	Course Code	Periods per week		Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
				Theory	Lab				
A' Semester									
1.	Theory	Business English	COM 140	3		50	14	42	4
2.	Practical	Introduction to Information Technology	COM 100		3	50	14	42	5
3.	Practical	Introduction to Programming (python)	COM 110		3	50	14	42	6
4.	Theory	Human Computer Interaction	COM 120	3		50	14	42	6
5.	Theory	Basic Mathematics and Statistics	COM 150	3		50	14	42	4
6.	Practical	Computer System Architecture	COM 130		3	50	14	42	5
B' Semester									
1.	Practical	Web Programming I	COM 200		3	50	14	42	4
2.	Practical	Operating Systems Management	COM 210		3	50	14	42	6
3.	Practical	Introduction to Relational Databases	COM 220		3	50	14	42	6
4.	Theory	PC Maintenance and Repair I	COM 240	3		50	14	42	4
5.	Theory	System Analysis and Design	COM 223	3		50	14	42	6
6.	Practical	Network Management	COM 211		3	50	14	42	4

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				Theory	Lab				
C' Semester									
1.	Practical	Cloud Computing	COM 324	3		50	14	42	5
2.	Practical	PC Maintenance and Repair II	COM 312		3	50	14	42	4
3.	Practical	Visual Studio.Net (C#)	COM 323		3	50	14	42	6
4.		Free Elective		3		50	14	42	3
5.	Theory	Web Programming II	COM300	3		50	14	42	6
6.	Practical	Object Oriented Programming using Java	COM 315		3	50	14	42	6
D' Semester									
1.	Practical	Fundamentals of Computer Security	COM 422		3	50	14	42	6
2.	Theory	Introduction to Mobile Applications	COM 400	3		50	14	42	6
3.	Practical	Systems and Network Administration	COM 423		3	50	14	42	6
4.	Theory	Content Management System	COM 444	3		50	14	42	6
5.	Theory	Database Management	COM 421	3		50	14	42	6

Free Elective Courses:

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
1	Theory	Greek Language*	GRE 501	3	50	14	42	3
2	Theory	Russian Language	RUS 502	3	50	14	42	3
3	Theory	Hacking & Defensive Technology	COM 505	3	50	14	42	3
4	Practical	Digital Forensics	COM 506	3	50	14	42	3
5	Theory	Image Processing	COM 507	3	50	14	42	3

***Greek Speaking Students cannot choose GRE 101: Greek Language**