

Course Name : Computer Architecture

Course Code	Course Type	Regular Semester	Lecture (hours/week)	Seminar (hours/week)	Lab. (hours/week)	Credits	ECTS
CMP 225	B	Fall	3.00	0.00	1.00	3.50	5.00

Lecturer	Alban Deda, Msc
Assistant	Krisien Xoxa, Msc
Course language	Albanian
Course level	Bachelor
Description	
Objectives	
Core Concepts	

Course Outline

Week	Topic
1	
2	
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15	
16	Final Exam

Prerequisites	The student must attend the course at a minimum rate of 75%.
Literature	• Organizimi dhe Arkitektura e Kompjuterave, Agim Cami, 2012
References	<ul style="list-style-type: none"> • Comptia, Network+, Seventh Edition, Mike Meyers, MC Graw Hill Education, 2018 • CCNA Routing and Switching Study Guide, Todd Lammle, Sybex Publishings, 2013 • Computer Organisation and Design. The Hardware/Software Interface 4th Edition. Patterson, Hennessy, 2011.

Course Outcome

1	At the end of the course, the student will fully know the architecture of the computer
2	The student will know the processor, the memories Rom, Ram, Cache, and the inputs/outputs of the computer
3	The student will learn the computer's network, as a continuing of the computer architecture
4	The student will learn the different classes of IP, the binar system, and different convertings of the IPs
5	The student will be able to enter the international certifications, based on mostly in the networking, Mikrotik, Cisco

Course Evaluation

In-term Studies	Quantity	Percentage
Midterms	1	20
Quizzes	0	0
Projects	2	20
Term Projects	0	0
Laboratory	0	0
Class Participation	1	10
Total in-term evaluation percent		50
Final exam percent		50
Total		100

ECTS Workload (Based on Student Workload)

Activities	Quantity	Duration (hours)	Total (hours)
Course duration (Including the exam week: 16x Total hours of the course)	16	4	64
Study hours outside the classroom (Preparation, Practice, etc.)	14	3	42
Duties	2	10	20
Midterms	1	4	4
Final Exam	1	5	5
Other	0	0	0
Total Work Load			135
Total Work Load / 25 (hours)			5.40
ECTS			5.00