Course Name : Wireless and Mobile Networks								
Course Code	Course Type	Regular Semester	Lecture (hours/we ek)	Seminar (hours/we ek)	Lab. (hours/we ek)	Credits	ECTS	
CMP 219	В	Fall	3.00	0.00	1.00	3.00	5.00	
	Lecturer	Klaudia Tabulla, Msc						
	Assistant							
Cour	rse language	Albanian						
	Course level	Bachelor						
<b>Description</b> Provides students with the concept of patella nets and the concept of patella ne				concept of ragy.	idio waves.			
	<b>Objectives</b> To provide the student with the first knowledge on mobile communication sy and WiFi. Dimensioning and applying them, taking into account their influent factors. To provide students with the first knowledge of IOT.							
Co	ore Concepts	Wi-Fi Antenna rad	dio-frequency	Base Station S	afety IoT			
Course Outline								
Week	Topic							
1	Syllabus Presentation							
2	Introduction to Wireless Network							
3	Introduction to Bluetooth Technology							
4	Fundamentals of Signal Transmission							
5	Multiple Access Methods in Telecommunication							
6	Introduction to GSM							
7	Security and Encryption							
8	Mid Term Exam							
9	Introduction to 3G							
10	Signal Coding Techniques							
11	Mobile Technology Applications							
12	Introduction to IoT (Part 1)							
13	Introduction to IoT (Part 1)							
14	Handover							
15	Repetition							
16	Final Exam							

Prerequisites		The student must attend the course at a minimum rate of 75%.		
Literature		• Wireless Communication Networks and Systems, by Cory Beard and William Stallings ISBN: 0133594173		
References • Materiali i propozuar për lexim dhe ushtrime.				
Course Outcome				
1	Studenti mëson ndërtimin e rrjetave Add-hoc.			
2	Meson konceptet e frekuencave të radio-valëve.			
3	Valet telefonike GSM			
4	IOT			

## **Course Evaluation**

In-term Studies	Quantity	Percentage	
Midterms	1	30	
Quizzes	1	10	
Projects	0	0	
Term Projects	0	0	
Laboratory	0	0	
Class Participation	1	10	
Total in-term evaluation percent			
Final exam percent			
Total			

## 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	4	56	
Duties	0	0	0	
Midterms	1	1	1	
Final Exam	1	1	1	
Other	0	0	0	
Total Work Load				
Total Work Load / 25 (hours)				
ECTS				