UNIVERSITY "UKSHIN HOTI" PRIZREN
FACULTY OF COMPUTER SCIENCE

PROGRAM: Information Technology and Telecommunication - Turkish

Curriculum - – SYLLABUS							
Level of studies		Bachelor		*Program*	TIT	*Academic year*	2018-2019
SUBJECT		Mobile telecommunication concepts					
Year	**III**	*Status Of the subject*	Obligatory	*Code*		*ECTS credits*	6
Semester	VI						
Teaching weeks		15		*Hours teaching*	45	*Lectures* / 2	*Exercises* / 1
Teaching Methodology		• Power point processing of course topics, • Case studies and homework, • Course repetition, group work, discussion and analysis,					
Consultation		Organizing an interview with the students on the determined days and hours to meet the needs of the students.					
The teacher		Mr. Jyxhel Spahi		*E-mail:*	j.spahi@hotmail.com		
				Tel.:	044915072		
Assistant		Mr. Jyxhel Spahi		*E-mail:*	yucelspahi@hotmail.com		
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Study goal and table of content	Benefits of student
• Understanding the basic principles of mobile telecommunication concepts, • An analysis of Mobile telecommunication features, • Understanding the types of telecommunication • To comprehend the importance of mobile telecommunication in global world, • To know mobile telecommunication generations.	• To gain a deeper understanding of mobile telecommunication concepts, • Ability to analyze mobile telecommunication features, • Students will be able to recognize the types of telecommunication • To be able to comprehend the importance of mobile telecommunication in the global world, • Recognize the mobile telecommunication generations in detail.

Methodology for the implementation of educational topics:
Lecture, presentation with slideshow, group work, discussion on topics such as question and answer, the student analyzing the subjects and telling their ideas.

Conditions for realization of educational topics:
• Laptop, projection and other technical materials.

Ways of assessing of the student (in %) :	Evaluation in%	Final grade	
Homework	Homework preparation and presentation 15%.	51-60% note	6
Midterm exam	Midterm exam 25%	61-70	7
		71-80	8
Final exam	Final exam 60%	81-90	9
Total	**100.00 %**	91-100	10

Obligations of student:	
Lectures	**Exercises**
Lesson The student is obliged to follow the courses and practice course. They must be prepared for the lesson based on the resources determined by the instructor. During the course of the course, it is necessary to provide a solid for the quality of the course process. It is necessary to take into account the rules and ethical principles foreseen by the university and higher education.	**Application** Students are required to prepare and present a course by selecting one of the lecture subjects determined by the instructor.

Activities	Hour/ weeks	Days/Weeks	
Lectures	2	15 Weeks	30 hour
Laboratory exercises	1	15 Weeks	15 hour
Contacts with teachers / consultations	1	15 Weeks	15 hour
Practical work	1	15 Weeks	15 hour
Projects, presentations, etc.	2	15 Weeks	30 hour
Own study time	2	15 Weeks	30 hour
Preparation for final exam	1	15 Weeks	15 hour
Time spent in the assessment (tests, final exam, etc.)			
Notice: 1 ECTS credits= 25 hour commitment, e.g. if the subject has 6 ECTS credits student must have 150 hours during the semester commitment.	**Total load:**	150 hour	

Week	Lectures Topic	Hour	Exercises Topic	Hour
1	Mobile telecommunications introduction	2	Exercises on the subject matter	1
2	Basics of mobile telecommunication concepts	2	Exercises on the subject matter	1
3	Mobile telecommunication features	2	Exercises on the subject matter	1
4	Types of mobile telecommunications	2	Exercises on the subject matter	1
5	Globalization, information society and telecommunication	2	Exercises on the subject matter	1
6	Trends in the telecommunication sector	2	Exercises on the subject matter	1
7	Mobile telecommunication market	2	Exercises on the subject matter	1
8	First generation systems	2	Exercises on the subject matter	1
9	Second generation systems	2	Axercises on the subject matter	1

10	Third generation mobile telecommunication services	2	Exercises on the subject matter	1
11	Stylised features of the mobile telecommunications industry	2	Exercises on the subject matter	1
12	Mobile telecommunications protocols for data networks	2	Exercises on the subject matter	1
13	Mobile agent platforms and systems	2	Exercises on the subject matter	1
14	Mobile network layer	2	Exercises on the subject matter	1
15	4G Technology	2	Exercises on the subject matter	1

LITERATURE:
Basic Literature: Telekomunikasyon Sistemleri Sistem Uzmanı El Kitabı, Yazar: Hakan Koray Tutkun, Yayın evi: Seçkin Yayıncılık   **Additional Literature:** Presentations prepared by lecturer.
NOTICE:
✓ In general, the course will be run with Power Point and other resources.   ✓ In addition, the lecturer will provide additional resources (scientific studies, reports, national and international published articles) other than the main sources.
Notice for the student:
• Students are not allowed to enter the class in a timely and prepared manner.   • 80% attendance is required during the semester.   • In the course, discussion, question, feedback, subject, and presentation - to take an active role in the applications.   • Voice recorder, telephone etc. during the lesson. The use of such devices is prohibited.