



UNIVERSITETI “UKSHIN HOTI” PRIZREN
FACULTY OF COMPUTER SCIENCE

PROGRAM: Information Technology and Telecommunication - Turkish

Curriculum - – SYLLABUS							
<i>Level of studies</i>	Bachelor	<i>Program</i>	F.SH. K. TIT (TUR)	<i>Academic year</i>	2018/2019		
<i>SUBJECT</i>		Research Methods					
<i>Year</i>	2	<i>Status Of the subject</i>	Obligatory	<i>Code</i>		<i>ECTS credits</i>	6
<i>Semester</i>	4						
<i>Teaching weeks</i>				<i>Hours teaching</i>			
					<i>Lectures</i>	<i>Exercises</i>	
				2	2		
<i>Teaching Methodology</i>	<ul style="list-style-type: none"> • Teaching subjects with PowerPoint • Practice and homework exercises • Course repetition, group work, discussion and analysis 						
<i>Consultation</i>							
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Study goal and table of content	Benefits of student
<p>The aim of the course is to analyze the methods of scientific research and to examine the development of modern science and scientific research.</p>	<p>Students who successfully complete this course will be able to;</p> <p>The purpose and definition of science, Characteristics of scientific knowledge, Scientific information and values system, The birth and development of modern science, Method in social sciences, Major research methods, Data collection methods, Measurement and testing techniques.</p>

Methodology for the implementation of educational topics:		
Lecture, slide show presentation, group work, discussion on topics in the form of questions and answers, the student to analyze the topics and ideas, to do research on the topics we have studied in the course, problem-solving and project preparation in the course of the project.		
Conditions for realization of educational topics:		
Ways of assessing of the student (in %) :	Evaluation in%	Final grade
Homework	In the application	51-60%- grade 6
	course, if the student is	61-70 7
	active and active, the	71-80 8
	first mid-term 10p and	81-90 9
	10th mid-term 10p	91-100 10
scores are evaluated.		

Midterm exam	Mid-term exam score is 50% if the student gets 50% + 1 in the midterm exam.	
Final Exam	If the final exam score is 50% + 1, the student will be considered successful and the result of homework / practice and midterm will be added to the score.	
Total	100.00 %	

Obligations of student:

Lectures	Exercises
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, students must actively contribute to improve the quality of the course. The rules and ethical principles required by the university and higher education should be taken into consideration.	In the practical course of the course, students will be able to do some exercises on the subjects and prepare homework within the given subject.

Activities	Hour/ weeks	Days/Weeks	
Lectures	2	15	30
Laboratory exercises	2	15	30
Contacts with teachers / consultations	0.5	15	7.5
Practical work			
Projects, presentations, etc.	0	15	0
Own study time	0.5	15	7.5
Preparation for final exam	2	15	30
Time spent in the assessment (tests, final exam, etc.)	1	15	15

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:

120

Week	Lectures	Hour	Exercises	
	Topic		Topic	
1-2	<ul style="list-style-type: none"> • Meet. General introduction of the course, importance of the resources to be used; information on method and flow plan. • Types of science and knowledge 	4	<ul style="list-style-type: none"> • Meet. General introduction of the course, importance of the resources to be used; information on method and flow plan. • Types of science and knowledge 	4
3	<ul style="list-style-type: none"> • Research resources • The Relationship between Science and Philosophy 	2	<ul style="list-style-type: none"> • Research resources • The Relationship between Science and Philosophy 	2
4-5	<ul style="list-style-type: none"> • Qualitative and Quantitative Approaches • Development of Modern Science • How to prepare a scientific text? 	4	<ul style="list-style-type: none"> • Qualitative and Quantitative Approaches • Development of Modern Science • How to prepare a scientific text? 	4
6-7	<ul style="list-style-type: none"> • Different approaches to science, paradigm • Positivism, Hermeneutics 	4	<ul style="list-style-type: none"> • Different approaches to science, paradigm • Positivism, Hermeneutics 	4

	• Techniques used in Social Science		• Techniques used in Social Science	
8	• Midterm Exam	2	• Midterm Exam	2
9-10	• Data Collection Techniques • Review of Ready Information • Interview Method • Survey Method	4	• Data Collection Techniques • Review of Ready Information • Interview Method • Survey Method	4
11-12	• Measurement and Testing Techniques • Sample Error • Solution of Data • Case study	4	• Measurement and Testing Techniques • Sample Error • Solution of Data • Case study	4
13-14	• Methods of Data Collection in Qualitative Research • Document Review • Data Analysis in Qualitative Research	4	• Methods of Data Collection in Qualitative Research • Document Review • Data Analysis in Qualitative Research	4
15	• Final Exam	2	• Solving Final Questions	2

LITERATURE:
<ol style="list-style-type: none"> 1. Yıldırım, Ali ve Şimşek, Hasan, (2005), Sosyal Bilimlerde Nitel Araştırma Yöntemleri, Ankara: Seçkin. 2. Arıkan, Rauf, (2000), Araştırma Teknikleri ve Rapor Yazma, Ankara: Gazi Kitabevi. 3. Geray, Haluk, (2004), Toplumsal Araştırmalarda Nicel ve Nitel Yöntemlere Giriş, Ankara: Siyasal Kitabevi. 4. Seyidoğlu, Halil, (2000), Bilimsel Araştırma ve Yazma El Kitabı, İstanbul: Güzem Yayınları. 5. Day, Robert A., (2007), Bilimsel Makale Nasıl Yazılır, Nasıl Yayınlanır? İstanbul: TÜBİTAK. 6. Ataöv, Türkkaya, (2006), Bilimsel Araştırma El Kitabı, İstanbul: Alkım Yayınları. 7. Kütükoğlu, Mübahat S., (2007), Tarih Araştırmalarında Usul, İstanbul: Elif Kitabevi. 8. Türkdoğan, Orhan, (2000), Bilimsel Araştırma Metodolojisi, İstanbul: Timaş Yayınları. 9. Duverger, Maurice, (1990), Sosyal Bilimlere Giriş, (çev. Ünsal Oskay), İstanbul: Bilgi Yayınları. 10. Sunar, İlkay, (1999), Düşün ve Toplum, İstanbul: Doruk Yayınları.
NOTICE:
In general, the course will be run with Power Point and other resources.
In addition, the instructor 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 manner.

80% attendance is required during the semester.

In the course, discussion, question, feedback, subject, and presentation - to take an active role in applications.

Voice recorder, telephone, etc. The use of such devices is prohibited.