UNIVERSITETI "KADRI ZEKA" UNIVERSITY

Zija Shemsiu, 60000, Gjilan, Kosovë

www.uni-gjilan.net   tel: 0280-390-112

<u>**SYLLABUS**</u>
Course: **Computer science**

Basic information of the course	
Academic unit:	**FAS**
Course Title:	**Computer science**
Level:	**Bachelor**
Program:	**Mathematic Education**
Course status:	**Elective**
Academic year:	**2019/2020**
Year of study:	**Year I, Semester II**
Number of hours per week:	**2+2**
Credits – ECTS:	**6 ECTS**
Timer / Location:	
Professor of subject:	**Prof. Ass. Dr.**
Contact details:	
Description, Objectives and expected resultes	
Course description:	*The course of the subject Computer Science contains a significant number of chapters by building a logical chronology of understanding and enhancement of capacity step by step. The course content includes: Systems, Cyber, informatics and computer, computer system, computer software, digital systems, algorithms and their graphic structures, computer networks and databases.*
Objectives of the course:	*The course aims to prepare students to recognize the role and importance of computing. To help the student understand the major opportunities that offer information technology tools to increase success and efficiency. The student learns the concept of informatics, cybernetics, the composition of the computer system, operating systems, application programs and the like so that it can later apply to work and enterprise.*
Expected learning outcomes:	*After completing the course, students will be able to:* *1. understand the impact of multiple software application technology applications in business and economics,* *2. Understand the role of information as a product of economic relations in the modern market economy in making decisions with the help of information systems in economics.* *3. solve practical examples of computer application software (MS Excel) from real life and concrete business problems.*

Student contribution			
Activity	Hours	Day / Week	Total
Lectures	2	15	30
Theoretical exercises / laboratory	2	15	30
Contacts with teacher / consultations	0,4	15	6
Collocfiums, seminars	2	15	4
Homework	1	15	15
Self-learning time student (at the library or at home)	1	15	15
Final preparation for the exam	2	15	30
Projects, seminars, presentations, etc.	5	1	5
Total			**135**

135:25≈5 ECTS.

Teaching methodology and assessment methods

Teaching methodology:	Regular lessons, lectures, consultations, discussions, individual independent work, term papers (homework), presentations.
Methods of assessment:	The exam consists of a written part and the oral part. The assessment is based on the following activities: Participation and engagement in hours (10%) (Koll.) Test 1-40% (written examination) (Koll.) Test 2-40% (written examination) Seminar papers (individual independent work) – 10% Final exam: 80 %(for those who do not pass colloquiums). Points Score 91-100 10 81-90 9 71-80 8 61-70 7 51-60 6

Literature

Literature:	1. B. Ahmedi, Baza të informatikës dhe teknologji informacioni, Grafomak, 2012, Kërçovë 2. 2002 Carr H., Snyder C, The Management of Telecommunications, McGraw Hill, New York 3. 2003 Dr. Muhamet Mustafa: Kibernetike dhe hyrje ne informatike, Prishtine, 1995 4. Dr.Agni Dika, Mr.Seb Rodiqi, Kompjuteri për të gjithë, Shkup 2000. 5. Dr.Agni Dika, Mr.Seb Rodiqi,Kompjuterët dhe Informatika; 1999

Designed teaching plan:	
Week	The lecture to be held
I - week :	**Systems, Cybernetics and Informatics**
II - week :	**Data and information**
III - week :	**Computer systems**
IV - week :	**Output and input units of Computer system**

V - week:	**Output/Input devices of Computer system**
VI- week	**The first colloquium .**
VII-week	**Logical-mathematical bases of computer**
VIII-week	**Programming languages**
IX-week	**Application Software**
X-week	**Programming applications**
XI-week	**Line graphic algorithms,branched and cyclic**
XII-week	**Coding,compiling and testing program**
XIII-week	**Computer networks**
XIV-week	**Internet ;**
XV-week	**The second colloquium.**
Academic policies and rules of etiquette:	
Regular attendance of students assessed with 10 points, - Students are free to ask questions and active participation in all teaching activity. - They are not allowed cell phones, late arrival or departure from the class without reason. - Plagiarism and copying in exams are penalized under the statute and other regulations of the university. - The Code of conduct applies to both students and teachers.	