



## UNIVERSITETI "KADRI ZEKA" UNIVERSITY

Zija Shemsiu, 60000, Gjilan, Kosovë  
 www.uni-gjilan.net tel: 0280-390-112

### SYLLABUS

Course: Informatics

Basic information of the course			
Academic unit:	FAS		
Course Title:	Informatics		
Level:	Bachelor		
Program:	Mathematic Education		
Course status:	Obligatory		
Academic year:	2019/2020		
Year of study:	Year I, Semester I		
Number of hours per week:	3+2		
Credits – ECTS:	7 ECTS		
Timer / Location:			
Professor of subject:	Prof. Ass. Dr.		
Contact details:			
Description, Objectives and expected results			
Course description:	<p>Contents of the course include: Notions for Systems; Cybernetics; Data and Information; Informatics-Historical development; Computer History; Use of computers; Introduction to computer architecture; Number and code systems; Implement logical mathematics in the computer; algorithms; Organizing computer data; System software; Application Systems; Introduction to computer networks; The variability of the development of information technology from other sciences and conversely.</p>		
Objectives of the course:	<p>The purpose of this course is to introduce students to the latest information technologies. Basic computational understandings, historical computing and computer development as well as the dependence of IT development from other sciences and conversely. Students will also be able to embark on computer communication and the use of a MS Office program.</p>		
Expected learning outcomes:	<p>After successful completion of the course <i>Informatics</i>, students will gain knowledge on the steps of computing, the need for its birth and its application through computer equipment</p>		
Student contribution			
Activity	Hours	Day / Week	Total
Lectures	3	15	45
Theoretical exercises / laboratory	2	15	30
Contacts with teacher / consultations	1	15	15

Colloquiums, seminars	2	3	6										
Homework	1	15	15										
Self-learning time student (at the library or at home)	2	15	30										
Final preparation for the exam	5	1	5										
Projects, seminars, presentations, etc.	4	1	4										
<b>Total</b>			<b>165</b>										
<b>165:25≈7 ECTS.</b>													
<b>Teaching methodology and assessment methods</b>													
Teaching methodology:	Regular lessons, lectures, consultations, discussions, individual independent work, term papers (homework), presentations.												
Methods of assessment:	<p>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 1-35% (written examination)  (Koll.) Test 2-35% (written examination)  Seminar papers (individual independent work) - 10%  Final exam:  80% (for those who do not pass colloquiums).  Points Score</p> <table> <tr> <td>91-100</td> <td>10</td> </tr> <tr> <td>81-90</td> <td>9</td> </tr> <tr> <td>71-80</td> <td>8</td> </tr> <tr> <td>61-70</td> <td>7</td> </tr> <tr> <td>51-60</td> <td>6</td> </tr> </table>			91-100	10	81-90	9	71-80	8	61-70	7	51-60	6
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81-90	9												
71-80	8												
61-70	7												
51-60	6												
<b>Literature</b>													
Base literature:	1.Pelin Aksoy , Laura DeNardis, Information Technology in theory, 2007, Course Technology 2.Edmond Beqiri, Bazat e informatikës , 2008, prishtinë 3.Basri Ahmedi, Baza të informatikës dhe teknologji informacioni, Tetovë, 2012												
<b>Designed teaching plan:</b>													
Week	The lecture to be held												
<i>I - week :</i>	<b>Meaning of systems;</b>												
<i>II - week :</i>	<b>Cybernetics;</b>												
<i>III - week :</i>	<b>Data and Information;</b>												
<i>IV - week :</i>	<b>Informatics-Historical development; Computer History; Use of computers;</b>												
<i>V - week:</i>	<b>Introduction to computer architecture;</b>												
<i>VI- week</i>	<b>Number and code systems; Implement logical mathematics in the computer</b>												
<i>VII-week</i>	<b>The first assessment.</b>												
<i>VIII-week</i>	<b>System software; (DOS, Windows, Linux)</b>												
<i>IX-week</i>	<b>Application Systems; (Word, Excel, PowerPoint)</b>												
<i>X-week</i>	<b>DBMS, Access</b>												
<i>XI-week</i>	<b>Introduction to Computer Networking</b>												
<i>XII-week</i>	<b>The variability of the development of informatics from other sciences and conversely.</b>												
<i>XIII-week</i>	<b>presentations</b>												

<i>XIV-week</i>	<b>System software; (DOS, Windows, Linux)</b>
<i>XV-week</i>	<b>The second assessment.</b>
<b>Academic policies and rules of etiquette:</b>	
<p>Regular attendance of students assessed with 10 points,</p> <ul style="list-style-type: none"> <li>- Students are free to ask questions and active participation in all teaching activity.</li> <li>- They are not allowed cell phones, late arrival or departure from the class without reason.</li> <li>- Plagiarism and copying in exams are penalized under the statute and other regulations of the university.</li> <li>- The Code of conduct applies to both students and teachers.</li> </ul>	