Course Unit Descriptor

**Study Programme: Information Systems Engineering** 

Course Unit Title: Data	a mining	methods						
Course Unit Code: IZC	0162							
Name of Lecturer(s): S	Sladojević	Srđan, Ćulibrk	Dubravko, Arsen	ović Mai	rko			
Type and Level of Stud	lies: bach	elor						
Course Status (compulsory/elective): elective								
Semester (winter/ summer): summer								
Language of instruction: english								
Mode of course unit delivery (face-to-face/distance learning): face-to-face								
Number of ECTS Allocated: 6								
Prerequisites: none								
Course Aims:								
To impart basic knowledge of machine learning algorithms and methods used in the domain of data mining.								
various aspects of compudiscovered.  Syllabus.  The course will cover the preprocessing, decision to instruction will be accompany to the preprocessing of the course will be accompany to the preprocessing of the course will be accompany to the course of	e followir	ata mining tools, s ng areas: an overvi ral networks, supp	ew of the basic co	ncepts of	g to mine data. They will be introduced to presentation and use of knowledge  f data mining, data sources and ring, time series analysis. Theoretical data mining solutions.			
Required Reading: Relevant literature in English, tbd								
Weekly Contact Hours:2		Lectures: 3		Practic	Practical work: 0			
Teaching Methods:  Lectures and labs, tests and an exam assignment. The labs will focus on enabling the students to use the Java programming language to implement computer programs.  The students' knowledge of the theory will be evaluated using tests. The individual assignment will consist of the practical implementation of programs of suitable complexity.  Knowledge Assessment (maximum of 100 points):								
Pre-exam obligations	points		Final exam		points			
Attendance								
Computer exercises								
Tests (4x)								