

Study Programme: Information Systems Engineering			
Course Unit Title: Platforms and Systems for Electronic Knowledge Transfer			
Course Unit Code: IZOI51			
Name of Lecturer(s): Vučković Teodora, Marjanović Uglješa			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): winter			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 5			
Prerequisites: none			
Course Aims: The aim of the course is to enable students to work in an e-Learning environment of modern business system based on the application of information and communication technologies. In other word, the aim is to enable students for e-Learning platforms and systems relating to (1) content development, (2) communication infrastructure, (3) capacity building, and (4) innovative applications. The goal of this course is to complete and integrate the knowledge transfer component in industrial systems. Graduate engineers who participate in the management of project teams require this component.			
Learning Outcomes: Students who attend the course and pass the exam are able to: (1) use the concept of a practical system and platform for knowledge transfer, (2) determine the relationship between learning, knowledge transfer and use of technology in e-Learning, (3) develop a platform for advanced transfer knowledge and flexible learning in the realization of projects. Students will be trained to work in a virtual environment with the use tools, that today's engineer need, such as WebEx, Salesforce / CRM, Moodle and Learning Community.			
Syllabus. Introduction: platforms and systems for learning and knowledge transfer in industry. Moving towards a new model of learning: Lifelong Learning in the industry, the typical models of learning with the use of new technologies, model of e-learning. Building a model of knowledge transfer using e-learning: the elements of the platform, content development, infrastructure. Environment for e-learning: hardware, software, and participants in the process of knowledge transfer. Examples from industry: WebEx, Salesforce / CRM, Moodle and Learning Community. Forming a page content virtual enviroment. Elements of material production. Analysis and reporting of the results achieved during the transfer process. The integration of additional communication tools on the platform.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 2	Practical work: 0	
Teaching Methods: Teaching includes lectures on which, in addition to exposure to faculty, students have the opportunity to conduct practical work with the teacher and other colleagues and to participate in debates, and all of that using the platform for distance learning. In the laboratory exercise the student is required to do practice-oriented tasks on the computer.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

