

Study Programme: Information Systems Engineering			
Course Unit Title: Introduction to Information System Engineering			
Course Unit Code: IZOO09			
Name of Lecturer(s): Stefanović Darko, Anderla Andraš			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): compulsory			
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: 6			
Prerequisites: none			
Course Aims: The aim of the course is to introduce students to the basics of Information Systems Engineering and to understand the importance and application of modern information systems in organizations. Students will gather knowledge of the basic concepts of information systems and the interdisciplinary nature of the field of Information Systems Engineering. Special emphasis is on understanding the importance of systemic and holistic approach to the Information Systems Engineering, as well as the diversity of the domain of application of information systems.			
Learning Outcomes: After completing the course and passing the final exam, the students will acquire the knowledge necessary to understand the importance of modern information systems in organizations, sub-fields of information systems and their interdependence. Students will acquire practical knowledge concerning different information systems.			
Syllabus. During the course the basic concepts that will be taken into focus are: engineering technical systems, computer aided product design, software engineering, development of multi-layer applications, service oriented system architectures, design and database systems, business information systems, ERP systems, business intelligence systems, web and mobile oriented technologies.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2		Lectures: 2	Practical work: 0
Teaching Methods: Teaching is done through lectures and exercises that are performed in the computer lab.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

