

Study Programme: Computing And Control Engineering			
Course Unit Title: Intercomputer communications and computer networks 2			
Course Unit Code: RT57			
Name of Lecturer(s): Popović Miroslav			
Type and Level of Studies: master			
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: 6			
Prerequisites: none			
Course Aims: Teaching students to design, implement and test components of Internet technology and communication systems based on Internet technology.			
Learning Outcomes: Ability to design, implement and test components of Internet technology and communication systems based on Internet technology			
Syllabus. Introduction. Part 1: Communication Protocol Engineering (Requirements. Design. Implementation. Test and Verification.) Part 2: Internal components of Internet technology (System of protocol converters of Internet core. Autonomous systems and confederations within Internet. Interior routing protocols. Security protocols. Internet management protocols. Internet of the Future.) Part 3: Systems based on Internet technology (Contact centers. Service Oriented Architecture.)			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours: 2	Lectures: 3	Practical work: 0	
Teaching Methods: Lectures, Tutorials, Computer practice,. Consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

