

Study programmes: Мастер академске студије информатике (2 године)			
Course name: P332 - Computer networks			
Lecturers: Milan Tuba and other lecturers at Department of Computer science			
Status: Compulsory			
ECTS: 8			
Attendance prerequisites: %uslovi%			
Course aims: Acquisition of general and specific knowledge about computer networks theory and principles.			
Course outcome: After completing the course, the student has the basic knowledge about computer networks. The student understands basic principles and functionalities of computer networks.			
Course content: - TCP/IP model with 4 layers. <ul style="list-style-type: none"> - Physical layer. - Data link layer. - Internet layer. - Transport layer. - Application layer. - Compression and decompression of data. - Multimedia technologies. - Web technologies. - Wireless and mobile computing. 			
Literature: Andrew S. Tanenbaum, David J. Wetherall, Computer networks, 5th edition, Pearson. (teacher can some select other adequate books)			
Number of hours: 5	Lectures: 2	Tutorials: 3	Laboratory: - Research: -
Teaching and learning methods: Frontal, group, individual and practical.			
Assessment (maximal 100 points)			
Course assignments	points	Final exam	points
Lectures	5	Written exam	-
Exercises / Tutorials	-	Oral exam	-
Colloquia	35	Written-oral exam	60
Essay / Project	-		