Study Programme: Pro	oduction	engineering							
Course Unit Title: Internet Technologies in Production Engineering									
Course Unit Code: P15	506								
Name of Lecturer(s): Milošević Mijodrag									
Type and Level of Stud	lies: mast	er							
Course Status (compulsory/elective): elective									
Semester (winter/ summer): summer									
Language of instruction	n: english	1							
Mode of course unit delivery (face-to-face/distance learning): face-to-face									
Number of ECTS Allo	cated: 5								
Prerequisites: none									
Course Aims:.									
Introduction to modern approaches in manufacturing engineering by application of Internet technologies. Knowledge									
in the field of e-Bussines, as well as the basic principles of the e-Manufacturing and collaborative engineering									
methodology based on internet technologies. Introduction to Cloud-based aproach and Internet of Things (IoT) in									
manufacturing and indus	stry (IIoT)) .							
Learning Outcomes:									
					any technics and methodologies in collaborative environment.				
Electronic signature (e-Signature in the Internet en	Signature) vironmen of Indust	. Standards for da t. Corporate porta ry 4.0. Cyber-phi	ata exchange in Interest. Web-based collisical systems (CPS	ernet-bas laborativo	ologies. Electronic business (e-Business). sed manufacturing process. Collaborative e design systems. Concept of e-urfacturing. Cloud Manufacturing. Internet				
and Implementations V Cheng, K. E-Manufact Li, W., Mehnen, J. (ED Jeschke, S., Brecher, C Gilchrist, A. Industry	Vorld Sci uring, Fu s) Cloud ., Song, F 1.0: The I imization	entific, Singapon Indamentals and Manufacturing I., Rawat, D.B. I ndustrial Intern of manufacturi	re 2006 I Applications WI Springer, Londor Industrial Interne tet of Things Apre ng Systems Using	T Press/ n 2013 t of Thin	evelopment Environment: Technologie Computational Mechanics 2005 ngs Springer, London 2017 York 2016 ernet of Things Academic Press 2016	·S			
Weekly Contact Hours	: 3	Lectures: 3		Practio	cal work: 0				
Teaching Methods:	1 6	61	, , , , , ,		10.05				
Lectures are realized in	the form of	of lectures, compu	ater practical classe	es and co	nsultations.				
Knowledge Assessment	t (maxim	um of 100 points	s):						
Pre-exam obligations	points		Final exam		points				
Attendance									
Computer exercises									
Tests (4x)									