

Course Unit Descriptor

Study Programme: Production Engineering			
Course Unit Title: Virtual Production in Technologies of Plastic Deforming			
Course Unit Code: P2411			
Name of Lecturer(s): Lužanin Ognjan			
Type and Level of Studies: Bachelor level			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): Winter/Summer			
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: Mastering the content in the field of virtual production in technologies of plastic deforming.			
Learning Outcomes: The competence to critically analyze the existing solutions and synthesize the original solutions in the field of computer integration of production systems.			
Syllabus: Overview of modern programme tools for developing communication systems. Plastic deforming and virtual productions. Overview of modern communication protocols and systems. Overview of modern surroundings for testing and verifying communication systems. Identifying possible directions for further research. Defining the theme and the task. Realization. Experiments. Paper elaboration. Review and paper defence. Publishing the paper.			
Required Reading: Relevant literature in English TBD			
Weekly Contact Hours:	Lectures:	Practical work:	
Teaching Methods: Lectures and mentor work.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Group Assignment		Examination Assignment	
Exercises			
Test			
Test			
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			