Course Unit Descriptor

Study Programme: Industrial Engineering			
Course Unit Title: Quality Management System			
Course Unit Code: IM1020			
Name of Lecturer(s): Bato Kamberović/Milan Delić/Srđan Vulanović			
Type and Level of Studies: Bachelor level			
Course Status (compulsory/elective): compulsory			
Semester (winter/summer): 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: Quality Management System is the subject studied for obtaining the basic knowledge necessary for quality management. Subject include all the activities in the processes of quality planning, quality control, quality assurance and quality improvement.			
Learning Outcomes: The student, as a modern manager in the future, will be introduced to the basic concepts and principles of product quality management and working processes. In the context of the today`s market needs, this knowledge is necessary for each manager in order to have successful communication (internal and external), successful resources management under his jurisdiction and it is the necessary foundation for the development of personal carrier and survival and development of organization in which they are going to work.			
Syllabus: Place and role of quality system in the organization • Requirements of the modern market - quality of the system, process and products • Quality control • Quality assurance • Requirements of quality by the loop of quality and the way of their satisfaction • Analysis of stability and accuracy of the processes • SPC methods • Quality cost • Quality improvement and human resources • Models of integrated quality system			
Required Reading: Relevant literature in English TBD			
Weekly Contact Hours:-	**Lectures:-**	**Practical work:-**	
Teaching Methods: Lectures; auditorial, numerical/computer and laboratory exercises. Consultations; exam has numerical and theoretical part. Numerical part of the exam is eliminatory. Final estimate is based on the success in exercises, finished home-work, numerical and theoretical part of the exam.			
Knowledge Assessment (maximum of 100 points):100			
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.