

Course Unit Descriptor

<b>Study Programme:</b> Traffic Engineering			
<b>Course Unit Title:</b> Quality Management			
<b>Course Unit Code:</b> F50414			
<b>Name of Lecturer(s):</b> Dragana Šarac			
<b>Type and Level of Studies:</b> Bachelor level			
<b>Course Status (compulsory/elective):</b> compulsory			
<b>Semester (winter/summer):</b> Winter			
<b>Language of instruction:</b> English			
<b>Mode of course unit delivery (face-to-face/distance learning):</b> Face-to-face			
<b>Number of ECTS Allocated:</b> 5			
<b>Prerequisites:</b> None			
<b>Course Aims:</b> Students are able to think in an abstract way and acquire basic knowledge in this field			
<b>Learning Outcomes:</b> The acquired knowledge is used in the future education..			
<b>Syllabus:</b> - Place and role of quality system in an organization - Demands of contemporary market - Quality of system, process and product - Quality control - Quality insurance - Quality demands in the quality loop and ways on meeting those demands - Analysis of stability and accuracy of data - SPC methods - Quality costs - Quality improvement and personnel - Models of integrated quality system			
<b>Required Reading:</b> Relevant literature in English TBD			
<b>Weekly Contact Hours: 4</b>		<b>Lectures: 2</b>	<b>Practical work: 2</b>
<b>Teaching Methods:</b> Lectures, computing (N) and laboratory (I) practice. Consultations			
<b>Knowledge Assessment (maximum of 100 points):</b>			
<b>Pre-exam obligations</b>	points	<b>Final exam</b>	points
Lecture attendance	10	Written part of the exam	60
Exercise attendance	10		
Term paper	20		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			