

Study Programme: Master academic studies of forensics			
Course Unit Title: Motor vehicles damages estimation			
Course Unit Code: SF-06			
Name of Lecturer(s): Full Professor Vuk Bogdanović, Associate Professor Zoran Papić, Assistant Professor Nenad Ruškić			
Type and Level of Studies: Master Academic Degree			
Course Status (compulsory/elective): Elective			
Semester (winter/summer): 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: Discovering the problem of motor vehicles damages that have occurred as a result of road accidents and other harmful events. Acquiring knowledge in the field of identification and motor vehicles reparation cost estimation, using modern software tools.			
Learning Outcomes: After acquiring knowledge, the student is able to: <ol style="list-style-type: none"> 1. applies acquired knowledge from forensic engineering and modern methods in the procedure of the motor vehicles reparation cost identification and its validation; 2. independently and competently estimates motor vehicles reparation cost using modern software tools in the field of forensics. 			
Syllabus: <i>Theory</i> Motor vehicles identification. Content and structure of VIN code. Determination of the motor vehicle damage intensity. Record of vehicle damages. Taking photographs of the damage. Standardization repairs. Calculation of the damage per account or pro forma invoice. Total damage calculation. Calculation of the time amortization and correction factor per traveled kilometer. Saved parts value calculation. Reduced and increased vehicle value. Vehicle parts and equipment value calculation. Lost earning value calculation. AUDATEX software package use for motor vehicles damage calculation. <i>Practice</i> Case studies. Application of a specialized software package (AUDATEX) in order to identify the vehicle and calculate motor vehicles damage.			
Required Reading: <ol style="list-style-type: none"> 1. Kostić, S., Tehnike bezbednosti i kontrole saobraćaja, FTN Novi Sad, 2005. 2. Vujanić, M., i dr. Priručnik za saobraćajno-tehničko veštačenje i procene šteta na vozilima, Modul, Banja Luka, 2000. 3. Audatex, AudaEnterpriseGold, Basic Training Pack, Audatex (Australia), Pty Ltd, 2012. 			
Weekly Contact Hours: 5(75)		Lectures: 3(45)	Practical work: 2(30)
Teaching Methods: Lectures, experimental exercises and consultations.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Active class participation	10	written exam	30
Practical work	10	oral exam	20
Seminar(s)	20	practical exam	10