Study program: Road Traffic Engineering

Course title: Traffic Accident Expertise

Professor/assistant: Nenad Milutinović

Type of course: Compulsory

ECTS credits: 6

Prerequisites: none
The course is selected by a student depending on his interests and the topic covered by the master's thesis.

Aims of the course:
Mastering the latest knowledge in the field of traffic accident expertise. Mastering procedures and methods in the field of forensic engineering of traffic accidents.

Learning outcomes:
After completing the course, the student will be able to:
-apply procedures for technical analysis of a traffic accident
-do simple investigation of traffic accidents, give expert's findings and opinions

Syllabus:
Types of investigation in traffic; the content of findings and the opinion of an expert; computer methods in the analysis of traffic accidents; investigating traffic accidents *vehicle – vehicle*; investigating traffic accidents *vehicle – pedestrian*; the investigation of a traffic accident by an expert, the work of an expert in the court;

Literature:

1. Kostić S.: Ekspertize saobraćajnih nezgoda. FTN, Novi Sad, 2012.
2. Dragač R.: Bezbednost saobraćaja III deo, Saobraćajni fakultet, Beograd, 2001.
3. Šotra D., Čarapić G.: Vještačenje saobraćajnih nezgoda, LO Podgorica.
4. Vujanić M, Antić B.: Zbirka zadataka iz bezbednosti saobraćaja sa praktikumom 1. deo. Saobraćajni fakultet, Beograd, 2006.
5. Priručnik za saobraćajno-tehničko vještačenje i procjene šteta na vozilima, MODUL, Banja Luka, 2000.
6. Milutinović N: Kompjuterska simulacija saobraćajnih nezgoda, VTŠSS, Nastavna publikacija-skripta, Kragujevac, 2016.

Total number of active classes: 5	**Lectures:** 3	**Practical classes:** 2

Teaching methods:
Theory teaching: interactive approach
Practical teaching: term papers, research and experimental work. Consultations.

Grading system (maximum 100 points)
grading scale from 5 to 10: below 51 points grade 5, grade 6 from 51- 60 points, grade 7 from 61-70 points, grade 8 from 71-80 points, grade 9 from 81-90 points, grade 10 from 91- 100 points.

Pre-exam obligations:	**Points:**	**Final exam:**	**Points:**
Activity during lectures	max 10	Oral exam	50
Written tests	max 20		
Term papers	max 20		
Minimum requirement for the final exam	30		