Study program:	Road Traffic
Course title:	**Parking and Road Terminals**
Professor/assistant:	Dejan Bogićević / Dušan Radosavljević
Type of course:	compulsory
ECTS credits:	8
Pre-requisites:	-

Aim of the course

Aim of the course is to acquire the necessary and specific knowledge on the problem and the characteristics of parking, methods for determining the need for parking, technical regulations on parking control and parking management, parking garages and terminals on the road.

Learning outcomes

Upon completion of this course and after passing the exam, the student is able to:
- quantify the requirements for parking and determine the characteristics of parking,
- determine the need for parking in certain urban areas,
- carry out technical regulation parking at the selected location,
- define a strategy of control and management of parking in the city,
- define the criteria for selecting the location of the terminal in the city,
- design terminals by road.

Syllabus

Theoretical part - Development and the creation of parking problems. Requests for parking. Characteristics (determinants) of parking. Determination of surface parking, and angle parking mode. Applicable vehicle dimensions. Determining the need for parking. Characteristics of street parking on the street outside. The control and management of parking. Technical regulations on parking. Parking garages, types, characteristics and services. The choice of location for the construction of parking garages. Parking in the garage. Defining the role of terminals in the transport process. Elements of technological design of the terminal by road. Defining the criteria for selecting the location of the terminal. Bus stops, terminus, turntables, and Autobaze Service stations, bus stations, gas stations.

Practical part - Practical exercises follow the theoretical classes. This course enables the preparation of graphic works in the field of parking cars and trucks, as well as making the group work on the recording characteristics of parking in parking lots in the central area of the city.

Literature

1. Putnik N.: Autobaze i autostanice, Saobraćajni fakultet Beograd, Beograd, 2010. (is Serbian)
2. Milosavljević N.: Parkiranje, Saobraćajni fakultet Beograd, Beograd, 2010. (is Serbian)
3. Milosavljević N.: Elementi za tehnološko projektovanje objekata u drumskom saobraćaju, Saobraćajni fakultet Beograd, Beograd, 2007.(is Serbian)
4. Kostić S, Davidović B: Parkiranje i javne garaže, FTN, Novi Sad 2012 (is Serbian)

Number of active classes			Other forms of teaching:
Lectures: 45	Practical classes: 60	Research work:	

Teaching methods

Classes are held in the form of lectures, auditory, computational and graphical exercises, individual and team presentations. This course asks for preparation of an Essay - individual and group projects in which students apply their knowledge to solve practical problems.

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 theoretical lectures	10	written exam	50
practical training	10	oral exam	
colloquium(s)/seminar papers	30		
Sum	**50**	**Sum**	**50**