

Course Unit Descriptor

Study Programme: Civil Engineering			
Course Unit Title: Airports			
Course Unit Code: GP532			
Name of Lecturer(s): Radović Nebojša			
Type and Level of Studies: master			
Course Status (compulsory/elective): elective			
Semester (winter/ summer): winter			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 3			
Prerequisites: none			
Course Aims: Acquiring knowledge about airport design			
Learning Outcomes: Ability to plan and design the airports. The acquired knowledge is directly applied in engineering practice.			
Syllabus. 1. INTRODUCTION. 2. ORGANIZATION OF CIVIL FLIGHT TRAFFIC. 3. AIRPORTS. 4. LOCATIONS OF AERODROM AND ORIENTATION OF RUNAWAY. 5. SAFETY ZONES OF AIRPORTS. 6. BASIC ELEMENTS OF AIRPORTS. 7. TAXIWAY. 8. HOLDING BAYS AND BYPASSES. 9. AIRPORT PLATFORMS. 10. AIRPORT BUILDINGS. 11. DIMENSIONING OF RUNAWAY PAVEMENTS.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours:2	Lectures: 2	Practical work: 2	
Teaching Methods: Lectures, auditory exercises, research papers and consultations. The lectures present theoretical part of the teaching in the form of presentations of individual method units followed by appropriate examples from practice, for easier understanding and conveying of the knowledge. On auditory exercises, lectures with more active participation of students are discussed in more detail. In addition to lectures and exercises, consultations are also held regularly. The student, on the basis of the obtained information (lectures, literature, consultations and general instructions at the beginning of the exercise), solves the assigned tasks and makes research papers based on subject topics. Written and positively assessed seminars are the condition for entering the exam. The exam covers the entire material presented during the semester and is taken orally. Grade is formed based on the attendance of lectures and exercises, evaluation of research papers and oral exam.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

