

SYLLABUS

I. GENERAL DATA ON SUBJECT COURSE	
CODE AND NAME OF SUBJECT (in Estonian and English)	AM.065 Lennujaama töö korraldamine <i>Organisation of Airport Operations</i>
ACADEMIC YEAR, TERM	2020/2021 autumn term, daytime study
CURRICULUM, SPECIALITY AND MODULE WHERE THE SUBJECT BELONGS TO	Aviation Management (2284): AM, ER
VOLUME OF SUBJECT (ECTS)	3,0
FORM OF CONTROL	Examination
WORKLOAD AND FORMAT OF STUDIE	Contact hours – 33 hrs; independent work – 45 hrs; practical training 0 hrs.
LANGUAGE OF INSTRUCTION	English/Estonian
ADDITIONAL INFORMATION (PREREQUISITE SUBJECT COURSES, RESTRICTIONS)	-
LECTURER	Allan Nõmmik, Andres Lainoja

II. GOAL OF SUBJECT, LEARNING OUTCOMES AND SHORT DESCRIPTION OF THE COURSE	
GOAL OF SUBJECT COURSE	The goal of the course is to provide students with the knowledge about airport management
LEARNING OUTCOMES	The student having covered the subject course: <ol style="list-style-type: none"> 1. understands the operational structure and working principles of an airport; 2. orients in international requirements for the development of an airport infra structure; 3. understands the role of an airport within the whole air transportation system; 4. knows the various business interests of general stakeholders of airports; 5. has the knowledge related to operational assets of airports; 6. orients in the modern methodologies of airport planning and is able to apply the knowledge gained in solving practical tasks.
SUBJECT COURSE DESCRIPTION	Airport Operations includes activities performed at an airport such as facility and organization management, planning of development, businesses activities at airports.

III. GRADING SYSTEMS AND CRITERIA	
PREREQUISITES TO BE ALLOWED TO TAKE EXAM/ PRELIMINARY EXAM	-
FORMATION OF EXAMINATION MARK/OF PRELIMINARY EXAM	Maximum 40% shall be awarded for 4 home/seminar tasks. Maximum 60% can be scored at the exam (TEST:

	MULTIPLE CHOICE QUESTIONS)
OPPORTUNITIES FOR SETTling ARREARS/INSUFFICIENCIES IN ACADEMIC PROGRESS	Examination can be re-taken.
GRADING SYSTEM	RESPECTIVE MARKING CRITERIA
	Percentage for final evaluation: 91–100% grade A 81–90% grade B 71–80% grade C 61–70% grade D 51–60% grade E

IV. SCHEDULE AND LIST OF TOPICS			
WEEK OF YEAR	WORK FORMAT	TOPICS	LECTURER
1	Lecture, 3h	Introduction to airport management, airport definitions	
2	Lecture, 3h	Airport capacity management, critical points, ground access	
3	Lecture, 2h	Aerodrome planning, ICAO Annex 14	
4	Lecture, 2h	ICAO Annex 14, continues	
5	Lecture, 2h	Airport certification regulations and procedures	
6	Seminar, 2h	Airport operation manual	
7	Seminar, 2h	Aerodrome infrastructure planning and operation	
8	Seminar, 2h	Airport performance, productivity and efficiency	
9	Lecture, 2h	Airport master plan vs business plan	
10	Lecture, 2h	Airport incomes, expenses, forecasting of aviation activity by airport	
11	Seminar, 2h	Airport planning and development	
12	Lecture, 2h	Airport safety	
13	Seminar, 2h	Airport safety	
14	Lecture, 2h	Airport security	
15	Lecture, 2h	The future of airports, economic trends, technological developments	
16	Consultation, 2h	Consultation	
17	Exam, 2 h	Test (multiple choice questions)	

V. LEARNING MATERIALS

Compulsory materials:

Lecture notes

Additional materials recommended:

1. ICAO Annex 14.
2. Neufille, R., 2003, Airport systems planning, design and management, McGraw-Hill Professional.
3. Wells, Alexander T, 2004, Airport planning & management, McGraw-Hill Professional.
4. Jarach, D., 2005, Airport Marketing: Strategies to Cope With the New Millennium Environment, Ashgate.

5. Czerny, Achim I, 2008, Airport slots, Ashgate