



## RTU Course "Aviation Legislation and International Rules of Flights"

15E04 Transporta sistēmu un loģistikas katedra

### General data

Code	TAE507
Course title	Aviation Legislation and International Rules of Flights
Course status in the programme	Compulsory/Courses of Limited Choice
Course level	Post-graduate Studies
Course type	Professional
Field of study	Transport
Responsible instructor	Šestakovs Vladimirs
Volume of the course: parts and credits points	1 part, 2.0 Credit Points, 3.0 ECTS credits
Language of instruction	LV, EN, RU
Possibility of distance learning	Not planned
Abstract	The subject «Aviation legislation and rules of the international flights» covers such issues as international and private rights; the role of International Civil Aviation Organizations in legal regulation of civil aviation activities; ICAO, JAR, EASA standards, rules and procedures in the organization of flights; JAR-OPS requirements (commercial transport) to the organization of flights; CAA legal documents and requirements to the organization of international flights.
Goals and objectives of the course in terms of competences and skills	To gain knowledge of international civil aviation organizations role in the developed regulating rules: ICAO standards, EASA and CAA requirements and procedures. To gain knowledge of JAR-OPS requirements to aircraft and flights. To be able to carry out analysis of the flight documentation.
Structure and tasks of independent studies	Working with literature, home works with ICAO, EASA, CAA RL regulating normative documents. Practical work report and presentation preparation.
Recommended literature	1. LR likums "Par aviāciju". Rīga, 1994. 2. ICAO konvencija un 1.-18. pielikumi, Dos. 7300, JAR-66, JAR-145, JAR- 147. 3. Latvijas civilās aviācijas normatīvie dokumenti. LCAA, Latvijas vēstnesis, 1999- 2011. 4. M.J. Kroes. Aircraft Maintenance & Repair Sixth Edition, Clencoe, New York, 1993, 650 lpp. 5. LR aviācijas depart. un CAA dokumenti tehniskās ekspluatācijas nodrošināšanā, www.caa.lv 6. V. Šestakovs Lidojumu drošība. Gaisa transporta sertifikācija, Rīga, 1997, 80 lpp. 7. WWW.EASA.com; www.caa.lv.
Course prerequisites	Knowledge about civil aviation aircrafts and engines.

### Course outline

Theme	Hours
International Civil Aviation Organization: ICAO, IATA, EASA, JAA.	4
Place of aviation in a single transport system. Air transport technical and economic characteristics.	2
Contemporary situation in commercial air transport.	2
Aircraft flight regulation.	4
Applicable national and international requirements.	4
Flight safety systems.	2
International aviation safety laws and regulations.	2
Joint Aviation rules, JAR-OPS requirements.	4
Practical works.	8

### Learning outcomes and assessment

Learning outcomes	Assessment methods
A student knows the ICAO, IATA, EASA, JAA role.	Independent work question. Exam.
A student is able to describe international aviation organization standards and regulations.	Exam.
A student knows how to analyze aviation documents.	Practical work question. Exam.
A student knows and is able to analyze flight rules.	Exam.
A student knows and is able to describe CAA flight regulation documents and requirements.	Practical work question. Exam.

### Study subject structure

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	2.0	3.0	1.5	0.5	0.0		*	