



## RTU Course "Economics of Aviation Transport"

15E04 Transporta sistēmu un loģistikas katedra

### General data

Code	TAE221
Course title	Economics of Aviation Transport
Course status in the programme	Compulsory/Courses of Limited Choice
Course level	Undergraduate 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	Information about the financial resources of commercial servicing of airports and airlines is provided. Regulation of financial flows and airlines, automated financial accounting systems and their usage are studied. The knowledge about investment in the financial market and investment risks are given to the students. Airlines tariff system creation problems and forecasting methods using modern technologies are stated.
Goals and objectives of the course in terms of competences and skills	To acquire knowledge on aircraft technical and economic characteristics. Air transport effectiveness.
Structure and tasks of independent studies	Work with literature, homeworks on normative regulating documents. Report preparation and presentation.
Recommended literature	1. А. Губенко, М. Смуров, Д. Черкашин. Экономика воздушного транспорта, учебник для ВУЗОВ, ПИТЕР, 2009. 2. П. Шледер. Практикум по экономике, организации и нормированию труда, ВУЗОВСКИЙ УЧЕБНИК, 2009. 3. Г. Кононова. Экономика автомобильного транспорта, АКАДЕМИЯ, 2009. 4. Hosking A. Business and Management Course. New York, 1995. 349 p. 5. Вэсли Дж. Составление бизнес плана. М: Международные отношения. 1995. 220 стр. 6. Brigham E.F., Gapenski L.C. Intermediate Financial Management. The Dryden Press. 1993.
Course prerequisites	Commercial airports and airlines servicing the financial resources. Regulation of financial flows and their account by airlines.

### Course outline

Theme	Hours
The role of aviation in a single transportation system. Air transport technical and economical characteristics.	4
Air transport capital funds and assets. Expenditures of air transport production.	8
Air transport effectiveness.	4
Management of airline operations. Industrial relations.	4
Pricing policies.	4
Legislation of economic relations.	8

### Learning outcomes and assessment

Learning outcomes	Assessment methods
A student is able to analyze economic literature and to gain information.	Practical work, homework, tests, examination.
A student knows air transport economic characteristics.	Practical work, homework, tests, examination.
A student is able to analyse economic documentation.	To be able to carry out economic analysis of the documentation. Examination.
A student is able to develop the economic-mathematical model and use programming languages to solve the tasks under consideration.	To be able to make calculations of various economic criteria. Examination.

### Study subject structure

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	2.0	3.0	1.0	1.0	0.0		*	