



RTU Course "Bachelor Paper Including Project"

15E03 Lidaparātu teorijas un konstrukcijas katedra

General data

Code	TAK012
Course title	Bachelor Paper Including Project
Course status in the programme	Graduation Test
Course level	Undergraduate Studies
Course type	Professional
Responsible instructor	Paramonovs Jurijs
Volume of the course: parts and credits points	1 part, 12.0 Credit Points, 18.0 ECTS credits
Language of instruction	LV
Possibility of distance learning	Not planned
Abstract	<p>Bachelor Paper is a research with scientific work elements which certifies student's ability to analyze scientific literature as well as the ability to analyze obtained results and give appropriate conclusions.</p> <p>The engineering studies include design and strength analysis of some part and some details of aircraft structure.</p> <p>Student develops his bachelor Paper during the last study year and defends it in front of special Board.</p>
Goals and objectives of the course in terms of competences and skills	To generalize knowledge about the aircraft structure, design, strength analysis and reliability provision.
Recommended literature	<ol style="list-style-type: none"> 1. Paramonov Yu. M. Aeroplane structure and strength analysis. Part 2 // RTU, Av. institūts. 2002 2. Paramonovs Ju. M. Transportu līdzekļu slodzes, resurss un drošums. // RTU, Av. institūts. 2002 3. Paramonov Yu. M. Aeroplane construction and strength analysis. Part 1. Rīga: RTU, 2009 4. Internet.

Learning outcomes and assessment

Learning outcomes	Assessment methods
Ability to analyze aircraft structure and to perform design, strength analysis and its reliability provision.	Student defends his/her Bachelor Paper in front of a special Board.

Study subject structure

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	12.0	18.0	0.0	0.0	0.0			*