



## RTU Course "Master Thesis"

11103 Industriālās elektronikas un elektrotehnol.katedra

### **General data**

Code	EEP002
Course title	Master Thesis
Course status in the programme	Graduation Test
Course level	Post-graduate Studies
Course type	Professional
Responsible instructor	Ivars Raņķis
Volume of the course: parts and credits points	1 part, 20.0 Credit Points, 30.0 ECTS credits
Language of instruction	LV, EN, RU
Possibility of distance learning	Not planned
Abstract	Thesis connected with evaluation and investigation of some electric technology connected with electrical drives as theoretical as also experimental and practical. Includes also estimation of realization variants and its possibility.
Goals and objectives of the course in terms of competences and skills	To prove ability independently to solve difficult scientific technical tasks in field of automated electrical technologies, format qualification thesis in accordance with formatting rules, to prove ability present and defend proposed solutions
Recommended literature	Noslēgumu darbu noformēšanas noteikumi. Rīga:RTU, 2001. - 14 lpp.

### **Learning outcomes and assessment**

Learning outcomes	Assessment methods
Must be able to prepare qualification thesis on investigation about computer based automation principles and variants of its technical realization for anticipated electrical technology	Correspondence to the given assignment, to the formatting rules, requirement to volume of the work, positive evaluation of reviewer and conductor
To be able independently solve investigative and technical tasks, format technical documentation, defend proposed developed solutions	Positive evaluation of the State Examination Commission

### **Study subject structure**

Part	CP	ECTS	Hours per Week			Tests		
			Lectures	Practical	Lab.	Test	Exam	Work
1.	20.0	30.0	0.0	0.0	0.0			*