



RTU Course "Methods of Medical Equipment Manufacturing"

15D01 Elektronikas un vakuumtehn.materiālzinību pr.g.

General data

Code	MEE311
Course title	Methods of Medical Equipment Manufacturing
Course status in the programme	Compulsory/Courses of Limited Choice; Courses of Free Choice
Course level	Undergraduate Studies
Course type	Professional
Field of study	Medical Engineering
Responsible instructor	Sagalovičs Genādijs
Volume of the course: parts and credits points	1 part, 2.0 Credit Points, 3.0 ECTS credits
Language of instruction	LV, EN
Possibility of distance learning	Not planned
Abstract	The study course covers medical device manufacturing technologies, base theory and possible base errors. Technological process routes are also discussed within the framework of the study course.
Goals and objectives of the course in terms of competences and skills	
Structure and tasks of independent studies	
Recommended literature	1. Brown B., Smallwood R., Barber D., Lawford P., Hose D. Medical physics and biomedical engineering. IOP, Bristol, 1999, 736 lpp. 2. Rieksts A., Sagalovičs G., Lūsis L. Mašīnbūvniecības tehnoloģija. Rīga. RPI., 1976, 200 lpp. 3. Bunga L., Jonāns A. Aparātbūves un mašīnbūves tehnoloģijas pamati. Rīga. "Zvaigzne", 1978, 347 lpp.
Course prerequisites	

Course outline

Theme	Hours
	2
	3
	2
	3
	2
	3
	2
	3
	2
	3
	2
	3
	2
	3
	2

Learning outcomes and assessment

Learning outcomes	Assessment methods

Study subject structure

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