

Subject Title	Manufacturing Planning and Control
Course Volume ECP	6,0 EAP
Course aims	The aim of the course is to give students appropriate knowledge and skills for selection of production technology, manufacturing planning and control techniques, product structure and optimization related issues and possible solving techniques, IT applications for production planning systems.
Learning outcomes of the subject	<ul style="list-style-type: none"> • Knows main terms and systems for analysing the production; • Knows main manufacturing planning and control systems (MRP, MRP II, ERP) solving tasks/applications and trends; • Knows main manufacturing management methods (JIT, lean manufacturing, Kanban etc); • Knows nowadays IT applications for manufacturing planning.
VALUATION METHOD	VALUATION CRITERION
Exam Valuation Written exam Exam is based on the paragraphs 1-6. (valuates learning outcomes 1 to 4)	<i>Valuation criterion for Exam</i> <i>Exam will cover topics from paragraphs 1 to 6.</i> <i>Exam involves 10 questions from the above mentioned topics.</i> <i>Exam length is 90 minutes.</i> Valuation scale is as follows: 0 – 50 points – grade 0, (0 exam points), terms are not learned, need to be repeated the material. 51 – 60 points – grade 1, (1 exam points), terms and concepts are learned in sufficient level, further material learning could be difficult. Requires material repeating. 61 – 70 points – grade 2, (2 exam points), terms and working mechanisms are understood in adequate level. 71 – 80 points – grade 3, (3 exam points), terms and concepts are learned in good level, understanding for the theme is good. 81 – 90 points – grade 4, (5 exam points), terms and concepts are learned in very good level, understanding for the theme is very good. 91 – 100 points – grade 5, (7 exam points), learned terms and knowledge is excellent.
REQUIREMENT FOR GETTING TO THE EXAM	Requirement for getting to the exam are: Should read lecture materials, get positive result from exercises and production games.
FINAL GRADE FORMATION	Final grade will consist of 6% of written exam, 20% of exercises and 20% of production games Final grade formation: 0 - 50 points – grade 0 51 - 60 points – grade 1 61 - 70 points – grade 2 71 - 80 points – grade 3

	81 - 90 points – grade 4 91 - 100 points – grade 5
--	---