

Óbuda University Keleti Faculty of Business and Management										
GVXTMIABNE		Production Management								
Department:		Institute of Economics and Social Sciences 1084 Budapest, Tavaszmező u. 17.					ECTS:		4	
Training		Full-time			Language:		English		Semester	2019/20/1
Training Programme		Technical Management BSc								
Responsible professor for course		Dr. Parragh Bianka			Professor:		Dr. Parragh Bianka			
Required preliminary		Basics of Management (GVXMEIABNE)								
Number of classes (week/semester):		Weekly	Lecture:	1	Practice:	2	Laboratory:	0	Consultation:	0
Obtaining grade:		end-term written test								
Requirements for signature:										
Assessment:		<p>Requirements for the signature: The attendance on the seminar is obligatory. Maximum 2 absences are allowed. Being absent more than 2 times, students will be removed from the register. Students take a test on the 12th educational week.</p> <p>Evaluation of the end term mark: The end-term mark is equal with the mark of the successful test or retake</p> <p>Scoring: Mark 1: 0-50 % insufficient Mark 2: 51-60 % satisfactory Mark 3: 61-74 % medium Mark 4: 75-85 % good Mark 5: 86-100 % excellent</p>								
Goal of the subject:		Giving fundamental knowledge in the field of product management including basic terms and calculations. The goals of the course for students are to learn about manufacturing and service processes, the specific elements of these, some market correlations, production methods, and to develop problem-solving skills.								
Requirements during the semester:		Visiting lectures and seminars regularly. Visiting seminars is mandatory and is checked according to the RSE. The condition of obtaining of the end-term mark are: - every student must make a presentation - successfully end-term test in the last two weeks								
Week		Topics (lecture)								
1.		The process of developing production management.								
2.		Mass production and product life cycles, product-process matrix. Economies of scale								
3.		Forecasting models - demand on a permanent basis								
4.		Forecasting models - trends and seasonality								
5.		Forecasting models - error and model checking								
6.		Short-term capacity analysis and planning								
7.		Long-term capacity analysis and planning ..								
8.		Inventory Management Planning								
9.		Inventory Level determining								
10.		Case Study Processing (short film or invited lecturer)								
11.		Material Requirements Planning and Enterprise Resource Planning systems								
12.		Just in time (Just-in-Time) systems. Kanban								
13.		Test								
14.		Retake test								
Week		Lecture (practice)								
1.										
2.										
3.										
4.										
5.										
6.										
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										
		Required literature								
1		Linda Gorchels PRODUCTION MANAGEMENT The Product Managers Handbook - The Complete Product Management Resource.								
2										
3										
4										
		Recommended literature								
1		Forecasting methods in e-learning system								
2										
3										
4										

Quality assurance method:	
	Developed competencies