

CHEM-E2160 - Product Development Practices (5 cr)					
Responsible teacher: professori Jouni Paltakari					
:III-V		07.01.2019-27.05.2019			
Lectures/workshops		26 h			
Labs/group work		69 h			
Other independent studying		20 h			
Exam preparation		20 h			
Contact teaching	Date	Time	Topic	Person(s)/Teacher	
1 Mon	7.1.2019	13:15-15:00	Course Introduction / Task introduction	J.Paltakari	
2 Thu	10.1.2019	10:15-12:00	Team formation process	J. Paltakari	
3 Mon	14.1.2019	13:15-15:00	Product design as a process/Task clarification/Checking teams' status	J. Paltakari	
4 Thu	17.1.2019	10:15-12:00	1) TEAMS working with requirement list / 2) Ideation techniques	teams' /JP	
5 Mon	21.1.2019	13:15-15:00	Teams practising ideation techniques	teams' /JP	
6 Thu	24.1.2019	10:15-12:00	Search for working principles, combine into concept variants, evaluate against technical and economic criteria, concept selection	J. Paltakari	
7 Mon	28.1.2019	13:15-15:00	Search for working principles, combine into concept variants, evaluate against technical and economic criteria, concept selection	J. Paltakari	
8 Thu	31.1.2019	10:15-12:00	TEAMS: FUNCTIONS, START BUILDING ASSESSMENT TOOL		
9 Mon	4.2.2019	13:15-15:00	Example: systematic packaging design	J. Paltakari	
10 Thu	7.2.2019	10:15-12:00	Product analysis and design: role of appearance	J. Paltakari	
11 Mon	11.2.2019	13:15-15:00	Reserve slot (content TBD)		
12 Thu	14.2.2019	10:15-12:00	TEAMS' OWN WORKING SLOT (JP available)	Teams	
Mon	18.2.2019	13:15-15:00	EVALUATION WEEK FOR PERIOD III		
Thu	21.2.2019	10:15-12:00	EVALUATION WEEK FOR PERIOD III		
13 Mon	25.2.2019	13:15-15:00	Branding and Marketing	J. Paltakari	
14 Thu	28.2.2019	10:15-12:00	Product-customer-interactions	J. Paltakari	
15 Mon	4.3.2019	13:15-15:00	Innovations, IPR's, protection and patenting	Panu Kuosmanen	
16 Thu	7.3.2019	10:15-12:00	Mid evaluation and feedback	Teachers	
17 Mon	11.3.2019	13:15-15:00	CASE 1 (Participation obligatory on one of the Case-lectures)		
18 Mon	18.3.2019	13:15-15:00	CASE 2 (Participation obligatory on one of the Case-lectures)		
19 ?	???	????	SEMINAR PRESENTATIONS (Day will be agreed with students)	All	