

CHEM-E2135 Converting of Web-Based Products
Covered topics 2019

Date:				
27.2.2019	8:30-10 237	EH	2x45 min	INTRODUCTION: contents, terminology, paper and board classification
28.2.2019	13-15 L2	EH	2x45 min	Fiber, paper and board product applications, Homework: Product analysis
7.3.2019	13-15 L2	JP	2x45 min	Adhesion, cohesion Hot melt and wax coating
14.3.2019	13-15 L2	EH	2x45 min	Surface sizing, pigment coating, calendering, winding/slitting = Pretreatments for converting Dispersion and solution coating
21.3.2019	13-15 L2	JP	2x45 min	Extrusion coating
28.3.2019	13-15 L2	EH	2x45 min	Lamination, Gluing
4.4.2019	13-15 L2	JP	45 min 45 min	Siliconization, impregnation, metallizing Sheeting, Cutting and creasing, Embossing
25.4.2019	12-14 Halko	JP/EH	2x45 min	Printing + short print quality analysis exercise/demo
25.4.2019	14-16 Halko	EH/JP	120 min	Seminar - Verbal presentation of Lab 1+2 results and discussion
29.5.2019	at 9-13	Exam	hall Ke2	Focus on phenomena (not on e.g. technical details of equipment)
March			Lab1	Two short laboratory exercises - in small groups Barrier-properties (base paper/board + K-coater coating)
April			Lab2	More info later

Lab reports as PowerPoint presentations - simplified reporting style.
Dead-line for reports (-> MC) about two weeks after lab measurements.
More detailed info in MC Assignments folder.