

Coatings, 24.10.–7.12.2022

Day	Date	Time	Type	Topic/content	Place
Mon	24.10.2022	14:15-16:00	Lecture	Introduction, areas of coating and end uses, why do we coat?	Puu1/L2
Thu	27.10.2022	10:15-12:00	Lecture	Substrates; base paper/board, plastics, metals, glass, textiles...	Platinum - C104, Circular Raw Materials Hub
Mon	31.11.2022	14:15-16:00	Lecture	Coating pigments	Puu1/L2
Thu	3.11.2022	10:15-12:00	Lecture	Binders, co-binders, steps in coating development	Platinum - C104, Circular Raw Materials Hub
Mon	7.11.2022	14:15-16:00	Lecture	Additives, Coating color preparation and handling, how to calculate the recipe	Puu1/L2
Thu	10.11.2022	10:15-12:00	Exercise/lab	Coating recipe calculation, recipe check and preparation of coating colors, viscosity measurements	A!Bio
Mon	14.11.2022	14:15-16:00	Lecture	Rheology, liquid interactions	Puu1/L2
Tue	15.11.2022	12:15-16:00	Exercise/lab	Coating the base papers and base boards, introduction of analysis and measurement methods	A!Bio
Thu	17.11.2022	10:15-12:00	Lecture	Water retention	Platinum - C104, Circular Raw Materials Hub
Mon	21.11.2022	14:15-16:00	Lecture	Formation and structure of coating layer	Puu1/L2
Wed	23.11.2022	9:15-13:00	Exercise/lab	Calendering the samples, measurement of calendered surfaces	A!Bio
Thu	24.11.2022	10:15-12:00	Lecture	Coating and treatment of textiles, plastics, glass and metals	Platinum - C104, Circular Raw Materials Hub
Mon	28.11.2022	14:15-16:00	Lecture	Coating machines and operations	Puu1/L2
Wed	30.11.2022	9:15-12:00	Exercise/lab	Spare time for lab work, check point	A!Bio
Thu	1.12.2022	10:15-12:00	Seminar	Presentations on laboratory work	
Wed	7.12.2022	10:15-12:00	Seminar	Optional day for the seminar	