

Department	05 Technical Systems, Processes and Communication
Course title	Elective: Clothing
Course number	
Hours per week (SWS)	2
Number of ECTS credits	2,5
Course objective	<p>This module demonstrates deep insight of raw materials and PMC manufacturing. In addition, deep insight in services, trouble shooting on PMC related issues at end user, the paper maker.</p> <p>The students will have enhanced theoretical knowledge in the field of synthetic raw materials and using them for PMC manufacturing. They will own knowledge on the typical parameters & properties of the raw materials as base for successful PMC design. Appropriate PMC design selection and application as well choosing correct services to solve problems will be part of knowledge transfer.</p>
Prerequisites	Fundamentals of Paper Technology
Recommended reading	Valmet training material for PMC with partial including material from Voith, Heimbach, Andritz, Runtech, Albany, Oskar Moser, Tappi, Bedea, EMS etc.
Teaching methods	Lecture, Seminar instruction
Assessment methods	Oral exam (online)
Language of instruction	English
Name of lecturer	Pascall Schuivens
Email	
Link	
Course content	<ul style="list-style-type: none"><input type="checkbox"/> Raw materials used for PMC (forming fabrics, press felts, press sleeves and dryer fabrics)<input type="checkbox"/> General construction, manufacturing methods including specific technical properties of the paper machine clothing<input type="checkbox"/> Select, analyse, evaluate, monitor and optimize the clothing in the paper machine.<input type="checkbox"/> Trouble shooting on a paper machine with direct or indirect relationship to PMC
Remarks	