

DEGREE REQUIREMENTS AND CURRICULUM FOR ACADEMIC YEAR

DEGREE PROGRAMME IN PAPER TECHNOLOGY

Unit of Technology/Imatra, valid for the students enrolled in 2008

STUDY MODULE		Academic year/Scope, cr.			
		1.	2.	3.	4.
BASIC STUDIES		99 cr			
209225	CHEMISTRY	28 cr			
	KFK0052 Inorganic Chemistry I	3	-	-	-
	KFK0053 Inorganic Chemistry II	3	-	-	-
	KTE0885 Organic Chemistry	3	-	-	-
	KTE1624 Biochemistry and the Basics of Biotechnology	-	3	-	-
	KTE1625 Analytical Chemistry	-	-	4	-
	KTE1626 Laboratory Workshop (Inorganic Chem.)	3	-	-	-
	KTE1627 Laboratory Workshop (Organic Chem.)	-	3	-	-
	KTE0866 Physical Chemistry I	-	3	-	-
	KTE0867 Physical Chemistry II	-	-	3	-
209226	MATHEMATICS AND NATURAL SCIENCES	34 cr			
	KMA0100 Mathematics I	3	-	-	-
	KMA0073 Introduction to Mathematics	(3)	-	-	-
	KMA0074 Mathematics II	3	-	-	-
	KMA0101 Mathematics III	-	5	-	-
	KMA0102 Mathematics VII	-	-	-	3
	KMA0103 Numerical Mathematics	-	-	-	(3)
	KFK0054 Physics I	4	-	-	-
	KFK0038 Physics II	-	3	-	-
	KFK0055 Physics, Lab. Course	-	3	-	-
	KFK0056 Physics IV	-	-	3	-
	KLI0473 Information Technology I	3	-	-	-
	KTI0070 Information Technology II	4	-	-	-
209227	PROCESS TECHNOLOGY	20 cr			
	KTE1628 Fluid Mechanics	3	-	-	-
	KTE1629 Heat Transfer Technology	-	4	-	-
	KTE0970 Thermodynamics	3	-	-	-
	KTE1630 Mechanical Processes I	4	-	-	-
	KTE1631 Mass Transfer Processes I	-	3	-	-
	KTE1632 Process Modelling	-	-	3	-
000077	COMMUNICATION SKILLS	17 cr			
	KSU0043 Finnish Language and Culture	3	-	-	-
	KSU0044 Finnish Language	-	3	-	-
	KEN0076 English Communication at Work	3	-	-	-
	KPE0048 Orientation to Studies at SCP	2	-	-	-
	KTE1548 Presentation and Negotiation Skills	-	3	-	-
	KEN0092 English for Paper Technology	-	-	3	-

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PROFESSIONAL STUDIES		81 cr			
209221	PULP AND PAPER TECHNOLOGY	57 cr			
KTE1607	Paper Technology I	3	-	-	-
KTE1608	Paper Technology II	-	4	-	-
KTE1609	Paper Technology III	-	-	-	5
KTE1610	Laboratory Workshop I, Paper Technology	-	-	3	-
KTE1611	Laboratory Workshop II, Paper Technology	-	-	-	3
KTE0726	Paper Chemistry	-	-	3	-
KTE1612	Paper and Board Converting and Printing	-	-	-	3
KTE1613	Pulping Technology I	3	-	-	-
KTE1412	Pulping Technology II	-	3	-	-
KTE0886	Pulping Technology III	-	-	3	-
KTE1614	Pulping Technology IV	-	-	-	3
KTE1615	Laboratory Workshop I, Pulping Technology	-	3	-	-
KTE1616	Laboratory Workshop II, Pulping Technology	-	-	3	-
KTE1617	Mechanical Engineering	-	3	-	-
KTE1618	Maintenance and Corrosion Prevention	-	-	-	5
KTE1619	Process Automation I	-	-	4	-
KTE1620	Process Automation II	-	-	-	3
209222	DESIGN ENGINEERING	12 cr			
KTE1621	Process Design	-	-	6	-
KTE1622	Automation Design	-	-	3	-
KTE1623	Basics of Plant Design	-	-	3	-
209223	ENVIRONMENT	6 cr			
KTE1474	Environmental Protection	-	3	-	-
KTE1633	Quality	-	-	3	-
209224	BUSINESS SKILLS	6 cr			
KTE1407	Industrial Economy	-	3	-	-
KTE1634	Management and Leadership	-	-	3	-
ELECTIVE STUDIES		15 cr			
PLACEMENT		30 cr			
BACHELOR'S THESIS		15 cr			
TOTAL		240 cr			