



3.1.7 Textile Engineering

FIRST YEAR

Fall Semester			Spring Semester		
Course Code	Course Title	Credit Hours Th Pr Total	Course Code	Course Title	Credit Hours Th Pr Total
TE-113	Introduction to Textile Engineering	2 0 2	TE-111	Textile Chemistry	3 1 4
PH-122	Applied Physics	3 1 4	ME-112	Thermodynamics	3 0 3
ME-111	Engineering Drawing	2 1 3	ME-104	Workshop Practice	0 2 2
MT-114	Calculus	3 0 3	EE-122	Basic Electricity & Electronics	3 0 3
ES-105/	Pakistan Studies OR	2 0 2	ME-101	Engineering Mechanics	3 1 4
ES-127	Pakistan Studies (for Foreigner)		TE-224	Polymer & Fibre Science	2 0 2
EA-114	Functional English	2 0 2			

SECOND YEAR

Fall Semester			Spring Semester		
Course Code	Course Title	Credit Hours Th Pr Total	Course Code	Course Title	Credit Hours Th Pr Total
MM-205	Mechanics of Material	3 1 4	TE-211	Textile Yarn Manufacturing	3 1 4
TE-208	Material Science	2 1 3	TE-205	Pre-treatment of Textile	3 1 4
TE-203	Computer Programming & Application	2 1 3	TE-207	Machine Design	3 0 3
TE-206	Fluid Mechanics for Textiles	2 1 3	ME-311	Manufacturing Processes	3 1 4
MT-225	Linear Algebra & Ordinary Differential Equations	3 0 3	ES-206/	Islamic Studies OR	2 0 2
			ES-209	Ethical Behaviour	
			EA-200	Community Service	- - NC

THIRD YEAR

Fall Semester			Spring Semester		
Course Code	Course Title	Credit Hours Th Pr Total	Course Code	Course Title	Credit Hours Th Pr Total
TE-312	Textile Fabric Manufacturing Processes	3 1 4	TE-453	Garment Manufacturing	3 0 3
TE-307	Utilities for Textile Industry	3 1 4	TE-313	Textile Product Evaluation-I	3 1 4
MF-303	Applied Economics for Engineers	3 0 3	TE-319	Heat & Mass Transfer	2 1 3
TE-326	Textile Dyeing	3 1 4	TE-318	Textile & Environment	2 0 2
EA-304	Business Communication & Ethics	3 0 3	TE-305	Quality Control in Textiles	2 0 2
			MT-333	Advanced Calculus & Fourier Analysis	3 0 3
			EA/ES-###	Foreign Language-I	- - NC

FINAL YEAR

Fall Semester			Spring Semester		
Course Code	Course Title	Credit Hours Th Pr Total	Course Code	Course Title	Credit Hours Th Pr Total
MG-482	Organizational Behavior	3 0 3	MG-481	Entrepreneurship	3 0 3
TE-462	Advanced Fabric Manufacturing Mechanism	3 1 4	TE-451	Automation & Control in Textiles	3 0 3
##-###	Elective	3 1 4	##-###	Elective	3 0 3
TE-408	Textile Engineering Design Project*	0 3 3	TE-408	Textile Engineering Design Project	0 3 3
TE-413	Textile Product Evaluation-II	3 1 4	TE-424	Textile Printing	3 1 4
EA/ES-###	Foreign Language-II	- - NC			

Inter-Disciplinary Elective (to be chosen from the following)

TE-461	Advanced Yarn Manufacturing Mechanism	3 1 4	TE-406	Textile Production Management	3 0 3
TE-452	Textile Finishing	3 1 4	TE-454	Textile Merchandising	3 0 3
TE-455	Advanced Garment Manufacturing	3 1 4			

* Duration one academic year: Requires literature survey and preliminary work during this Semester

