

TEng 5245: Textile Business and Management

Department of Textile Engineering Wollo University				
Course number	TEng 5245			
Course title	Textile Business and Management			
Degree program	B.Sc. in Textile Engineering			
Module	24: Textile Economics and management			
Module coordinator				
Lecturer	Seyoum B.			
ECTS Credits	3			
Contact Hours (per week)	Lecture	Tutorial	Laboratory or Practice	Home study
	3	0	0	3
Course Objectives & Competences to be Acquired	<p>The students in this course will be able to:</p> <ul style="list-style-type: none"> • Know the basic concepts of business and management • Understand the concepts of material management and its application in textile industry • Understand production planning and management in textile manufacturing industries • Know marketing and its activities • Understand how to carry out projects and project management • Know ISO 9000 quality management system, TQM and quality circles 			
Course Description/ Course Contents	<p><u>Chapter 1</u></p> <p>Basic concepts of business and management:</p> <p>Basic concepts of Business Organization, Definitions of Business, Types of Business Organizations, Basic concepts of management, Definitions of management, Functions of management</p>			

Chapter 2

Communication in business organization:

Elements of communication, Importance of communications in Business organizations, Effective communication

Chapter 3

Material management:

Production planning system, Material requirement planning, Capacity management; Purchasing Forecasting demand; Inventory management; Economic order quantity; Warehouse management.

Chapter 4

Production planning and management:

Production planning and control; Operations; Strategy formulation; Product life cycle; Products and process; Product development and design; Scheduling and controlling of production.

Chapter 5

Marketing Management:

Definition of marketing; Concepts of marketing activities; Marketing Process; Strategic planning; Marketing mix; Market Analysis; Developing marketing strategies; Product planning; Pricing; marketing channels; market logistics; Promotion mix; Marketing communication – design and management; Marketing organization.

Chapter 6

Project management:

Different phases of project concepts - Planning, organizing, execution and termination of projects; Basic functions of project management; Network scheduling, PERT, CPM.

Chapter 7

Quality management system:

Basic concepts of quality and quality management system; Total quality management; ISO 9000 and ISO 14000-quality management system.

Pre-requisites	None
Semester	10 th Semester (Year 5, 2 nd semester)
Status of Course	Compulsory
Teaching & Learning Methods	Lectures supported by assignments
Assessment/ Evaluation & Grading System	<p>1. Assignments / Project / Seminar: 20 %</p> <p>2. Mid-Term Examination: 30 %</p> <p>3. Final - Examination: 50 %</p> <p style="text-align: center;">Total 100 %</p> <p>(For Item 1, there shall be a minimum of 3 activities comprising of Assignments, Project or Seminar activities; the combination will be decided by the Course Instructor depending on the nature of the course).</p>
Attendance Requirements	<ul style="list-style-type: none"> • A minimum of 85 % attendance during lecture sessions
Literature	<ol style="list-style-type: none"> 1. M. Mahajan, Industrial Engineering and Production Management, 2002 2. T. R Banga, Industrial Organizations and Engineering Economics, 2003, 3. Bhavesh, Project management: strategic financial planning, evaluation and control, 2000 4. Dennis F. Kehoe, The Fundamentals of Quality Management, 1996