

1.	Course Title	Logistics & Transport Management		
2.	Course Code	BLTM2013		
3.	Status	Elective		
4.	Credit Hour	3 (2+1) 2 lectures (2 hours per week x 14 weeks) 1 tutorial (1.5 hours per week x 14 weeks)		
5.	Semester/Year	N/A		
6.	Prerequisites	BMGT2023 Management Theory and Practices		
7.	Teaching method:	Distance Learning (Electronics)		
8.	Evaluation	Assessment and Marking Percentage: <div> Quizzes10 % Assignments10 % Interactions through discussion board10 % Mid-Semester Exam20 % Final Examination50 % </div>		
9.	Lecturer	N/A		
10.	Objective of the Subject	<p>To provide the student with a basic understanding of the principles of transport and logistics and the practices and procedures followed by the industry.</p> <p>It will introduce students to characterize transportation systems. The emphasis is on the multidimensionality of the phenomenon of transportation and logistics, covering economics, physical environmental, and politics. Institutional and policy issues will be addressed.</p> <p>The techniques for analyzing and understanding transportation and logistics will be both deterministic and stochastic. The analyses of transportation networks will include prediction of costs and service quality and the importance of inter-modal operations.</p>		
11.	Learning Outcomes	<p>At the end of this subject, students will be able to:</p> <ul style="list-style-type: none"> Understanding of the functions, characteristics and practices of transport and logistics and to: Understand that each mode of transport possesses some important and distinct advantage in economic and other terms, and Understand and appreciate the various practical aspects of the transport industry. 		
12.	Synopsis	<p>This subject offers an in-depth approach to understanding the basic fundamentals and practice of transport and logistics. It enables student to understand the relationship of transport and logistics. Characteristics, advantages and limitations of each mode of transport are also compared. This subject provides opportunities to students who are new to this field of study to comprehend the complex world of transportation and logistics.</p>		
13.	Topics	Details	Lecture (Hrs)	Tutorial (Hrs)
	Topic 1	Functions of Transport <ul style="list-style-type: none"> To provide services for movement of people and goods - a service activity stemming from a derived demand. Basic understanding of the demands which are met by transport - the producer consumer gap. 	2	1.5
	Topic 2	The development of various modes of transport <ul style="list-style-type: none"> Water transportation Early road movement Canals Railways - and the competitive struggle Revival of water transportation Pipelines Air transportation 	2	1.5
	Topic 3	The physical components of a transport system <ul style="list-style-type: none"> The way/route The vehicle/unit of carriage 	2	3

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		<ul style="list-style-type: none">• The motive power• The terminal• An awareness of the "systems" concept for transport		
	Topic 4	Characteristics of traffic <ul style="list-style-type: none">• Goods traffic• Passenger traffic	2	1.5
	Topic 5	Characteristics of Service <ul style="list-style-type: none">• Concept of Safe Arrival• Frequency, regularity, comfort etc.• Total Integration	2	1.5
	Topic 6	Introduction to Logistics <ul style="list-style-type: none">• A definition of logistics• The logistics function• The requirements of a logistical organization	4	3
	Topic 7	The elements of logistics <ul style="list-style-type: none">• Activities of logistics<ul style="list-style-type: none">○ Planning physical distribution – the total distribution concept○ Total distribution cost○ An outline of the distribution process○ Packaging○ Unitisation – the unit load concept○ Containerisation – inter-modal transport○ Warehousing and inventory management○ Materials handling○ Bulk transport○ Third party logistics firms and the distribution industry○ Just in time (JIT) strategies	4	3
	Topic 8	Transport and logistics <ul style="list-style-type: none">• Transport aspects of logistics• Legal aspects of transport• Logistics and the environment• Financial aspects of transport and logistics	6	3
	Topic 9	The control of transport <ul style="list-style-type: none">• Laissez-faire v control of transport• The development of transport control• The control of road transport• The control of rail transport• The control of sea transport• The control of air transport• The control of pipelines – The pipelines Act 1962	6	3
		Total contact hours	28	21
		Equivalent lecture hours	28	14
		Total lecture hours	42	
		Credit hours	3	
14.	Main references:	1. Paul R. Murphy Jr, Donald F. Wood, Contemporary Logistics , 8th ed. Prentice Hall, 2004 2. Ronald H. Ballou, Business Logistics/Supply Chain Management , 5th edition, Pearson Prentice Hall. 2004		
15.	Additional References:	1. Don Benson, Ralph Bugg, Geoffrey Whitehead, Transport and Logistics , Simon Schuster 1994. 2. Rex W. Faulks, Principles of Transport , 4th edition, Mc Graw Hill. 1990. 3. Gubbins, E.J., Managing Transport Operations , Kogan Page, London, 1988. 4. Hibbs, J., An Introduction to Transport Studies , 2nd. Ed., Kogan Page, 1988.		
	Other Materials:	All other materials will be available to students online.		

