



AL MUSANNA COLLEGE OF TECHNOLOGY
DEPARTMENT OF BUSINESS STUDIES

BAMA1101	Business Mathematics	3 Credit Hours
Prerequisite:	Applied Mathematics (MATH 1103)/Pure Maths	
Goal	The course provides the students with basics mathematical skills and its application in business environment.	
Objectives		Outcomes
<p>The course will enable the students to;</p> <ul style="list-style-type: none"> • To introduce (appropriate) basic mathematical skills in various business situations. • To apply mathematical techniques in payroll, consumer credit, mortgage payments, real estate investment, cost of borrowing and insurance. • To engage and improve decision making skills and critical thinking in various business situations using mathematical techniques. 		<p>The student should be able to;</p> <ol style="list-style-type: none"> 1. Apply understanding of the concept of ratios and proportions in business scenarios. 2. Identify and calculate different types of discount offered in business. 3. Calculate Mark up (in terms of both amount and quantity) and Value Added Tax in basic merchandise activities. 4. Identify and compute different types of pay (time basis and piece rate basis) 5. Prepare depreciation schedule using Straight Line method and written down value method. 6. Calculate the amount financed, finance charge and the deferred payment, in instalment buying and mortgage. 7. Develop problem solving skill in the area of insurance and investment.

	8. Calculate the total cost and classify them to Fixed, Variable and Semi Variable Cost
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