



Undergraduate programmes

Syllabus

Business Numeracy 1

Module Code: BN101
Credits: 20
IMM GSM: Year Level: 1
NQF Level: 5
Nature: Fundamental
Status: Undergraduate

Module Specific Outcome/s

To give introduction-level students an insight into basic business numeracy concepts.
 To undertake the calculations of required for basic business numeracy.

Description of Units

Units	Description	Module Learning Outcomes
1	Arithmetic calculations	Understand and perform different types of basic calculations. Understand and perform different ratios.
2	The straight line graph	Recognising linear relationships. Plot a straight line graph. Find the equation and intercepts. Making predictions based on line graphs. Interpret solutions. Solving two different equations graphically.
3	Simple interest	Understand and calculate simple interests.
4	Compound interest	Understand and calculate compound interest.
5	Profit and loss	Understanding the concepts of profit and loss. Calculate actual costs. Calculate marginal costs and profit. Calculate mark-up costs. Calculate the maximum profit.
6	Discounts and commissions	Understand the concepts of discounts and commissions. Calculate discounts. Calculate commissions.
7	Depreciation and inflation	Understand the concepts of depreciation and inflation. Interpret straight line depreciation. Implement reducing balance depreciation. Calculate future value with straight line depreciation. Calculate the depreciation rate with straight line depreciation. Calculate the term with straight line depreciation. Calculate the depreciation rate with reducing balance depreciation. Calculate the term with reducing balance depreciation. Calculate real future value. Calculate inflation and depreciation of investments.
8	Present value annuities	Recognise a present value annuity. Understand the principles of borrowing and repaying installments. Identify the quantity to be found. Manipulating flows of money over time.