

Unit Title: Data Handling And Probability
Unit Level: Level 2
Unit Credit Value: 3
GLH: 24
LASER Unit Code: WJF242
Ofqual Unit Code: K/506/7842

This unit has 6 learning outcomes.

LEARNING OUTCOMES		ASSESSMENT CRITERIA	
The learner will:		The learner can:	
1.	Be able to extract and interpret statistical information.	1.1	Extract and interpret information from tables and charts.
		1.2	Extract and interpret information from: <ul style="list-style-type: none"> • bar charts, • pie charts, • Comparative line graphs.
		1.3	Explain the effect of different scales on diagrams, graphs and charts.
		1.4	Identify trends from the slopes of a line graph.
2.	Understand the difference between discrete and continuous data.	2.1	Explain what continuous data is.
		2.2	Identify the difference between continuous and discrete data.
3.	Be able to represent discrete and continuous data.	3.1	Represent given data sets in suitable ways.
		3.2	Represent collected data sets in suitable ways.
		3.3	Choose suitable scales when representing data in charts, diagrams and line graphs.
		3.4	Label appropriately: <ul style="list-style-type: none"> • charts, • graphs, • diagrams.
4.	Be able to compare two sets of data using different types of average.	4.1	Find the mean of collected or given data.
		4.2	Find the median of collected or given data.
		4.3	Find the mode of collected or given data.
		4.4	Compare two sets of data using the mean, median and mode, appreciating that each average is useful for different purposes.
5.	Be able to find the range to describe the spread within sets of data.	5.1	Interpret the term 'range' as a measure of spread for sets of data in everyday usage.
		5.2	Calculate the range of given data sets.
		5.3	Compare the ranges of collected data sets.

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6.	Be able to identify the outcomes of combined and independent events.	6.1	Record the possible outcomes of an event using simple examples.
		6.2	Use probability vocabulary.
		6.3	Give examples of independent events.
		6.4	Give examples of combined events.
		6.5	Display the outcomes of combined events in: <ul style="list-style-type: none"> • tables, • tree diagrams.

Assessment Guidance:
NA

Additional Information:
NA