

DESCRIBE, APPLY, ANALYSE AND CALCULATE SHAPE AND MOTION IN 2-AND 3-DIMENSIONAL SPACE IN DIFFERENT CONTEXTS

SAQA ID: 119465

NQF LEVEL: 03

CREDITS: 05

OUTLINE

MODULE 1 - Measure, estimates, and calculates physical quantities in practical situations.

- Scales on the measuring instruments are read correctly.
- Quantities are estimated to a tolerance justified in the context of the need.
- The appropriate instrument is chosen to measure a particular quantity.
- Quantities are measured correctly to within the least step of the instrument.
- Calculations are carried out correctly.
- Symbols and units are used in accordance with SI conventions and as appropriate to the situation.

MODULE 2 - Explore, describe and represent, interpret and justify geometrical relationships and conjectures.

- Descriptions are based on a systematic analysis of the shapes and reflect the properties of the shapes accurately, clearly and completely.
- Descriptions include quantitative information appropriate to the situation and need.
- Conjectures as appropriate to the situation are based on well-planned investigations of geometrical properties.
- Representations of the problems are consistent with and appropriate to the problem context.
- The problems are represented comprehensively and in mathematical terms.
- Results are achieved through efficient and correct analysis and manipulation of representations.
- Problem-solving methods are presented clearly, logically and in mathematical terms.
- Solutions are correct and are interpreted and validated in terms of the context of the problem.

DURATION:

Theoretical training: 2 days

RATIO:

Theoretical training: 15 learners per Facilitator/Assessor

For more information on this workshop or to reserve your spot, please contact:

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