

Duration: 3 day + 1 day follow up
 Target: Operator / candidates competent in NQF Level 2
 Prerequisite: NQF Level 2
 NQF Info: NQF Level 3
 Qualification: National Certificate In Plastics Manufacturing NQF Level 3
 Credits: 10
 Certification: MERSETA accredited
 PFSA Certification.

Unit Standard:

- Demonstrate use of different number bases, and measurement units & and an awareness of error in the context of relevant calculations[9010]
- Describe, apply, analyse and calculate shape and motion in 2-and 3-dimensional space in different contexts[9013]
- Use structured models to describe, represent and analyse shape and motion in a 2-and 3-dimensional space[7460]

Course Objective:

To be able to generate relevant information needed for reports. To measure progress, apply corrective action and manage the work-process. To pose questions, collect and organise data. To represent and interpret data using various techniques to investigate real life and work problems.

Outcomes: At the end of the course the learners will be able to :

- Demonstrate an understanding of the basic concepts used in the workplace when generating reports.
- Identify three different types of reports required in the work-environment and the type of information needed to compile the reports.
- Arrange information in such a way that the report is logical, easy to understand and applicable for use in the work environment.
- Pose questions, collect and organise data.
- Represent, analyse and interpret data using various techniques.
- Use random events to explore and apply probability concepts in simple life.

Contents:

- Use of basic concepts when generating information for report writing.
- Use of examples that demonstrate an understanding of the application of basic concepts.
- Use of three different types of reports required in the work-environment.
- Use of relevant workplace information is prioritized in a logical way.
- Arrange a logical flow to the report. Data are gathered, organised, sorted and classified in a suitable manner for further processing and analysis. Experiments and simulations are chosen appropriately in terms of the situation to be investigated, and probabilities are determined. Predictions are based on validated experimental or theoretical probabilities.

Assessment and Certification:

- Assignments to be submitted within two weeks following training. One follow up day is required to give feedback on assessed assignments. A PFSA Certificate of Competence is issued to successful candidates
- Relevant credits may be awarded to successful learners upon MERSETA due approval process.

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