

# Apply basic knowledge of statistics & probability to influence the use of data & procedures in order to investigate life related problems

Detailed course content as per SAQA requirements



# AiR

The following document contains detailed course content as per SAQA requirements. AIR Training, Consulting & Services fully adheres to SAQA legislation. This information may also be retrieved from SAQA.

# Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems

---

Unit Standard Number: 9009

NQF Level: 02

Credits: 3

## PURPOSE OF THE UNIT STANDARD

This Unit Standard is designed to provide credits towards the mathematical literacy requirement of the NQF at Level 2. The essential purposes of the mathematical literacy requirement are that, as the learner progresses with confidence through the levels, the learner will grow in:

## SPECIFIC OUTCOMES AND ASSESSMENT CRITERIA:

### SPECIFIC OUTCOME 1

Apply various techniques to organise and represent data in order to model situations:

- Questions about sets of data that can be dealt with through statistical methods are identified correctly.
- Existing tables are understood correctly through a proper application of row and column headings.
- Raw data or statistics in the body of tables are used correctly.
- Effective methods to record and organise data are used to solve problems.
- Calculations of statistics are correct.
- Appropriate statistics are used to answer questions.
- Scales used in graphical representations and tables are consistent with the data are correct, clear and appropriate to the situation and target audience.

## SPECIFIC OUTCOME 2

Give opinions on the implications of the modelled data for the required purpose:

- Verbal (written or oral) explanation of findings is based on the representation of the data.
- Trends, group profiles and attitudes are justified.
- Appropriate information is extracted from representations in order to answer questions.