

**TITLE : CETA – APPLY BASIC KNOWLEDGE OF STATISTICS AND PROBABILITY TO INFLUENCE THE USE OF DATA AND PROCEDURES IN ORDER TO INVESTIGATE LIFE RELATED PROBLEMS**



Document Owner: Operations Manager

<b>SAQA US ID</b>	<b>9009</b>	<b>FUNDAMENTAL</b>		
<b>Unit Standard Title</b>	Apply basic knowledge of statistics and probability to influence the use of data and procedures in order to investigate life related problems			
<b>NQF Level</b>	02	<b>SGB</b>	Math Literacy, Math, Math Sciences L 2 -4	
<b>Credits</b>	3	<b>Notional Hours</b>		30
<b>Duration</b>	<b>Candidate</b>	<b>Knowledge</b>	<b>Practical</b>	<b>workplace</b>
	<b>Novice</b>	3 days	N/A	N/A
	<b>RPL (Re-fresher)</b>	1-2 days	N/A	N/A
	<b>Re-certification</b>	N/A	N/A	N/A
<b>Ratio of candidates to assessor</b>	20:1		N/A	N/A

<p style="text-align: center;"><b><u>PURPOSE OF THE COURSE</u></b></p> <p>The essential purposes of the mathematical literacy requirements are that, as the learner progress with confidence through the levels, the learner will grow in:</p> <ul style="list-style-type: none"> <li>• A confident, insightful use of mathematics in the management of the needs of everyday living to become a self-managing person</li> <li>• An understanding of mathematical applications that provides insight into the learner's present and future occupational experiences and so develop into a contributing worker</li> </ul> <p>People credited with this Unit Standard are able to: Apply various techniques to organise and represent data in order to model situations for specific purposes.</p> <ul style="list-style-type: none"> <li>• Give opinions on the implications of the modelled data for the required purpose</li> </ul>	<p style="text-align: center;"><b><u>PRE-REQUISITES</u></b></p> <ul style="list-style-type: none"> <li>• Communication at NQF Level 1.</li> <li>• Mathematical literacy at NQF Level 1</li> <li>• Copy of an ID certified not more than 3 months</li> </ul>
<p style="text-align: center;"><b><u>SPECIFIC OUTCOMES OF THE COURSE</u></b></p> <ul style="list-style-type: none"> <li>• Identify issues suited to resolution by basic statistical methods.</li> <li>• Work with existing data.</li> <li>• Generate statistics through the use calculators and other available technology.</li> <li>• Represent data in the form of tables, charts and graphs.</li> <li>• Use statistics and representations of data to Summarise real-life and or work-related issues within the experience of the learner.</li> <li>• Give opinions on statistics and representations of data.</li> </ul>	<p style="text-align: center;"><b><u>ESSENTIAL EMBEDDED KNOWLEDGE</u></b></p> <p>Methods for selecting, organising data and calculating statistics</p> <p>The meaning of concepts such as centre and spread</p> <p>Techniques for representing and drawing conclusions from statistics</p>

**RPL Evidence Requirements Prior to Enrolment**

- Curriculum Vitae
- Testimonial