



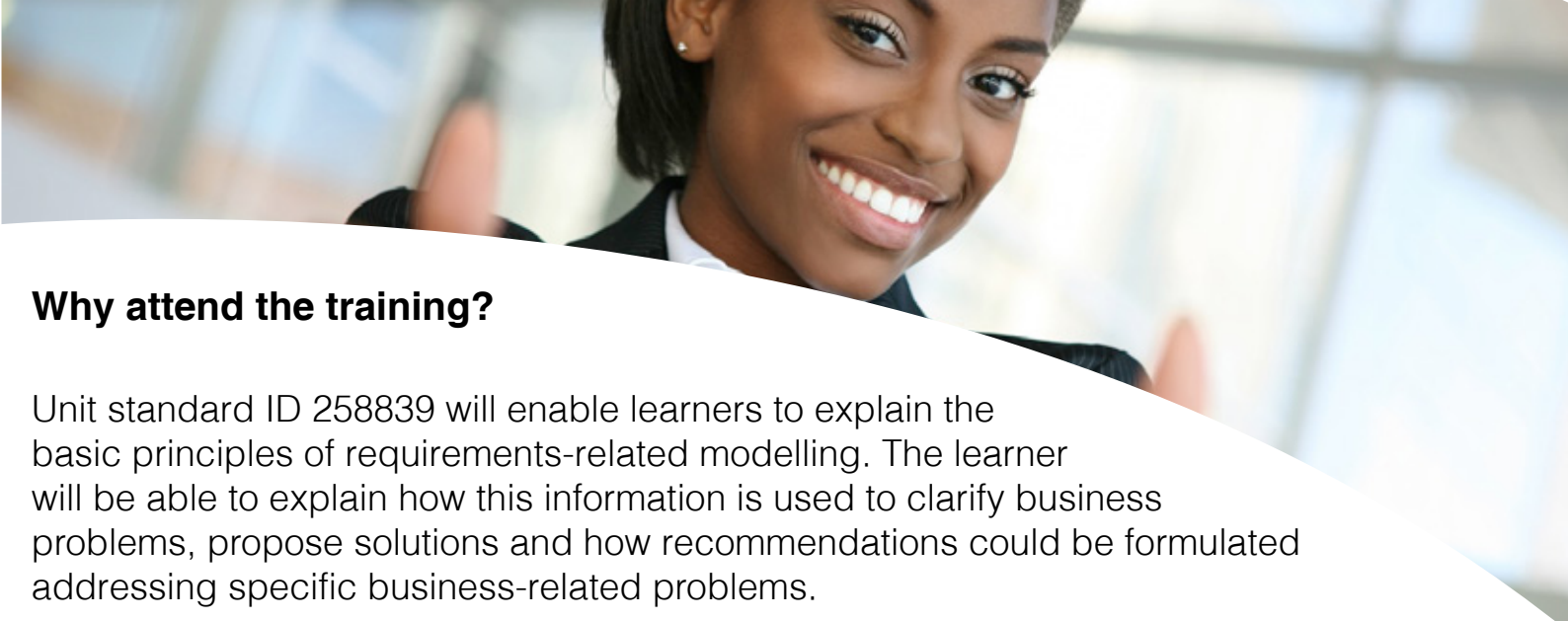
**Optional Portfolio of
Evidence (POE)**

**DEVELOP AND
IMPLEMENT
SPECIFICATIONS
USING MODELLING**

**SAQA UNIT STANDARD IDs
258839, 116779
NQF Level 5
14 Credits**

**Delegates who successfully
complete their POE's
will receive
14 credits at
NQF level 5**





Why attend the training?

Unit standard ID 258839 will enable learners to explain the basic principles of requirements-related modelling. The learner will be able to explain how this information is used to clarify business problems, propose solutions and how recommendations could be formulated addressing specific business-related problems.

Qualifying Learners for unit standard ID 116779 will be able to ensure that the products or services are consistent, meet customer expectations and conform to any standards required for that product or service, in order to run a sustainable business.

Who should attend?

- Process Managers
- Supervisors
- Project Leaders
- Team Leaders
- Business Analysts
- System Analysts
- Change Agents
- Work Study Officers

Key outcomes include:

- Apply basic principles of Requirements-Related Modelling
- Develop and implement specifications to achieve the desired product or service



**Delegates who successfully complete their POE's
will receive 14 credits at
NQF level 5**



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The qualifying learner is capable of:

- Illustrate the principles of modelling various dimensions of a business system
- Explain how models are used to understand business problems
- Apply models to form business solutions and recommendations

OUTCOME ONE - Illustrate the principles of modelling various dimensions of a business system

- Modelling is explained to reflect its uses in clarifying business systems in various disciplines
- The impact of modelling is demonstrated through documenting business systems in accordance with organisational practices and policies
- The use of modelling is explained to reflect ways in which to communicate the structure of business systems to various audiences
- The use of integrated modelling is explained to reflect how the different dimensions of business systems are integrated and linked

OUTCOME TWO - Explain how models are used to understand business problems

- The various dimensions of a business problem are explained in terms of how models are used to clarify a specific problem
- Dimensions include but not limited to organisation structure, context, scope, process and information flows, functional behaviour, and business rules
- Modelling techniques are utilised to explain the different dimensions of a business problem
- Models and diagrams include but not limited to domain, organisation, functional, value chain, context, use case, process
- Modelling notation is explained to reflect how standards facilitate communication between different stakeholders
- Notations include but not limited to Business Process Modelling Notation (BPMN), Unified Modelling Language (UML), Integrated Definition Methods (IDEF)
- Models of the different dimensions of the business are discussed to show their integration in defining a specific business problem

OUTCOME THREE - Apply models to form business solutions and recommendations

- The various dimensions of the system are interpreted in terms how models are used to specify the recommended solution
- Dimensions include but not limited to process and information flows, functional behaviour, business rules, data, human computer interfaces, technical interfaces, networks
- Modelling techniques are employed to specify the different dimensions of the recommended solution using examples
- Models and diagrams include but not limited to use case, process, entity relationship, class, state transition, sequence, and prototype
- Modelling techniques are employed to specify the different dimensions of the recommended solution using examples
- Models and diagrams include but not limited to use case, process, entity relationship, class, state transition, sequence, and prototype
- Modelling notation is assessed to specify the different dimensions of the recommended solution Notations include but not limited to Business Process Modelling

A learner credited with this Unit Standard will be capable of:

- Convert general and specific requirements into specifications
- Develop processes and procedures to ensure that the product or service conforms to the specifications
- Evaluate the specifications

In doing this, a learner will also know and understand:

- Concepts, issues and conventions relating to standards and specifications
- Procedures and techniques to develop specifications
- Approaches to acquiring and managing assets, stock and raw materials

OUTCOME ONE - Gather and classify information on activities, material or process for selected product or service

- Information gathered is sufficient, accurate and relevant
- Consequences of missing aspects or information are explained and discussed

OUTCOME TWO - Identify potential options for the specification of the product or service and develop the best specification option

- Choice of the best specification option is motivated
- Choice reflects the latest technology and local and international regulations
- Choice is practical and cost-effective
- All aspects of product or service are specified
- Consequences of poor or inadequate specification are explained

OUTCOME THREE - Develop or adjust processes and activities to meet the new specification, monitor impact and collect data

- Products or service meet new specification
- Adjustment process is systematic and planned
- Data is used to optimise processes and activities
- All related documentation is completed and available

OUTCOME FOUR - Monitor external and internal environment, identify changing requirements and revise specifications when necessary

- Product or service still meets criteria in changed environment
- Documentation is updated
- Techniques used are current and reliable



DEVELOP AND IMPLEMENT SPECIFICATIONS USING MODELLING

TO SECURE YOUR PLACE AT THIS COURSE - PLEASE COMPLETE THE FOLLOWING:

Company Name		VAT #			
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Where did you hear about this event? E-mail <input type="checkbox"/> Post <input type="checkbox"/> Fax <input type="checkbox"/> Internet <input type="checkbox"/> Magazine <input type="checkbox"/> other _____					
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(Inclusive of assessment and moderation)
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4 Easy Ways To Register



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- if a registered delegate does not cancel and fails to attend the training course, this will be treated as a cancellation and no refund or credit note will be issued
- Delegate substitutions are welcome-Please notify us 5 days before the event

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