

## **BUSINESS AND SYSTEMS ANALYSIS**

<b>Unit Standard</b>	<b>120304/12979/242559</b>
<b>NQF</b>	<b>Level 5</b>
<b>Credits</b>	<b>Varied</b>
<b>Duration</b>	<b>2 Days</b>
<b>Organisational Development Area</b>	<b>Back Office and Managers</b>

### **SYNOPSIS**

This course is designed to give people new to the Business Analyst role, or those who supervise and/or work with Business Analysts, a basic understanding of the functions and business impact of the role. We also provide for special focus on Business Analysis functions as they relate to the development of information technology solutions. To some, the business analyst's job is specifically limited to defining information, usually in terms of IT system requirements. For an increasing number of organisations, however, the business analyst has a wider role that examines the environment in which the IT system operates, to ensure that the identified requirements are justified.

This understanding is essential for any Business Analyst supporting a business area given the impact of information technology in today's business environment.

### **COURSE OUTLINE**

- The role and skills of the business analyst;
- Project management and methodologies;
- Introduction to gathering and documenting - user requirements;
- Introduction to modelling the business;
- Introduction to process modelling;
- Introduction to data modelling concepts and tools;
- Introduction to object-oriented principles and model;
- Introduction to quality management and testing;
- Introduction to problem solving techniques;
- Introduction to basic financial analysis concepts.

### **COURSE OUTCOMES**

Upon successful completion of this course, learners will be able to demonstrate their ability to:

- Understand the roles and activities of the systems analyst;
- Understand the relationship between project management and systems analysis;
- The Four Phases of Project Management;
- Understand the cornerstones of program planning;
- Keep programs on track;
- Understand the different types of process modelling;
- Combine different models;
- Understand methodologies to create a data model;

- Explain the components of a data model;
- Understand the Introduction to Relational Databases and SQL (Structured Query Language);
- Understand the purpose of outputs and inputs;
- Understand the importance of Total Quality Management;
- Understand the Principles and Theories of TQM.

