

Building Construction Learnerships

NQF5 Management of Building Construction Processes

SAQA ID
23675

PURPOSE

The purpose of the learnership is to develop the skills required in the Management of the execution of building construction projects.

The focus of this programme is to enable learners to develop competence in a range of knowledge and skills required in the construction industry for applying information from contract documentation, drawings and specifications.

To manage the financial aspects and administration of a construction project.

To effectively manage, plan and control resources on a construction project to industry productivity, quality, environment, health and safety standards, as well as establishing and maintaining relationships with construction role-players.

Core unit standards

- Read, interpret and produce basic engineering drawings
- Calculate construction quantities and develop a work plan
- Demonstrate an understanding and implement environmental initiatives on a
- Develop and produce computer aided drawings
- Apply contract documentation
- Develop and manage quality systems and procedures on a construction project
- Establish and maintain relationships with construction role players
- Manage construction project administration
- Manage construction resources
- Manage financial aspects of a construction project
- Manage health and safety on a construction project
- Manage human resources on a construction project
- Manage productivity on a construction project
- Prepare for a construction project
- Survey and set out construction work areas
- Tender for construction projects
- Understand and apply structural principles

Elective unit standards

- Understand and apply building construction methods
- Understand and apply principles relating to the installation of services in building

Fundamental unit standards

- Demonstrate the ability to use a database for business purposes
- Produce and use spreadsheets for business
- Produce presentation documents for business
- Produce word processing documents for business
- Apply knowledge of statistics and probability to critically interrogate and effectively
- Describe, represent, analyse and explain changes in shape and motion in 2- and 3- dimensional space with justification
- Measure, estimate & calculate physical quantities & explore, critique & prove geometrical relationships in 2 and 3 dimensional space in the life and workplace of adult with increasing responsibilities
- Use mathematics to investigate and monitor the financial aspects of personal,
- Work with a wide range of patterns and inverses of functions and solve related