

UFS FORM 5: SHORT LEARNING PROGRAMME

SECTION A: CATALOGUE

CODE: HEQC/HO6/SCI/SPBFM (Credit bearing SLP)

TITLE: Intermediate programme in Facilities Management

QUALIFICATION TITLE: B.Sc. Learning area Quantity Surveying
B.Sc. Learning area Construction Management

NQF LEVEL: 6 (new)

CREDITS: 80

NOTIONAL LEARNING HOURS: 800

FORMAL CONTACT TIME: This is an open-learning programme and will have three contact sessions of two days each in the format of workshops and lectures = 48 hours

LEARNING ASSUMED TO BE IN PLACE:

- Full matriculation endorsement. Mathematics in higher grade with at least a F symbol or standard grade with at least a D symbol for 2008
- National Senior Certificate. Mathematics on achievement level 4 from 2009.
- Evidence of relevant prior learning may also be considered
- The general regulations of the University of the Free State will also be applicable
- Completed minimum 60% of the credits for Introduction to Facilities Management

LEARNING OUTCOMES:

After successful completion of the short learning programme the learners should be able to:

- recognize the underlying reasons why a quantity surveyor should execute his work in a systematic and meticulous manner and cultivate specific behavioural patterns that are characteristic of a professional quantity surveyor/construction manager
- apply the dissecting, specification and quantification of process items in terms of trade item definition in respect of simple- and complex constructions and be able to basically execute the function.
- apply the basic principles of building economy and the building environment
- do basic estimates
- price elementary bills of quantities
- assist in the process of building cost management
- develop insight into the importance of building services in the construction of projects
- identify and quantify the elements of building services and how they fit into the building.
- implement the basic structural principles in solving complex structural problems
- evaluate the use of services and buildings

- execute a maintenance strategy
- manage the financial planning and application regarding maintenance
- apply the basic construction and services technology regarding buildings and the maintenance imperatives thereof

BRIEF DESCRIPTION OF CONTENT:

The following units will be offered to achieve the stated learning outcomes:

Descriptive Quantification	(Equivalent to module DQF204:16)
Building Economics	(Equivalent to module COE204:16)
Construction Science	(Equivalent to module CSC304:16)
Engineering Science	(Equivalent to module EGS202: 8)
Facilities Management	(FAM206:24)

Full curriculum is attached.

CRITICAL OUTCOMES SUPPORTED BY SHORT LEARNING PROGRAMME:

Candidates will:

- Identify and solve problems within the field of Facilities Management using critical and creative thinking
- Work effectively with others as members of a team, a group, an organisation and a community
- Organise and manage themselves and their activities responsibly and effectively e.g. by collecting, analysing, organizing and critically evaluating information
- Communicate effectively using visual, symbolic and/or language skills in various modes
- Demonstrate an understanding of the world as a set of related systems by recognising that problem-solving contexts do not exist in isolation
- Use science and technology effectively and show responsibility towards the environment and the health of others
- Demonstrate an understanding of the world as a set of related systems by recognizing that problem-solving contexts do not exist in isolation

METHODS OF ASSESSMENT:

Formative assessment: Facilitator continuous assessment through submission of assignments and tests.

Summative assessment: A final examination of three hours will be written at the end of the unit.

ASSESSMENT CRITERIA:

This part refers to assessment criteria in respect of the specific learning outcome of the course that has been described. These statements set the guidelines for developing the following assessment tasks:

- Understand the underlying reasons why a quantity surveyor should execute his work in a systematic and meticulous manner and cultivate specific behavioural patterns that are characteristic of a professional quantity surveyor/construction manager
- Apply the dissecting, specification and quantification of process items in terms of trade item definition in respect of simple- and complex constructions and be able to basically execute the function.
- Apply the basic principles of building economy and the building environment
- Do basic estimates
- Price elementary bills of quantities
- Assist in the process of building cost management
- Develop insight into the importance of building services in the construction of projects
- Identify and quantify the elements of building services and how they fit into the building.
- Implement the basic structural principles in solving complex structural problems
- Apply and evaluate the use of services and buildings
- Execute a maintenance strategy
- Manage the financial planning and application regarding maintenance
- Apply the basic construction and services technology regarding buildings and the maintenance imperatives thereof

ORGANISED FIELD: 12

(1 = Agriculture and Nature Conservation)

(2 = Culture and Arts)

(3 = Business, Commerce and Management Studies)

(4 = Communication Studies and Language)

(5 = Education, Training and Development)

(6 = Manufacturing, Engineering and Technology)

(7 = Human and Social Studies)

(8 = Law, Military Science and Security)

(9 = Health Sciences and Social Services)

(10 = Physical, Mathematical, Computer and Life Sciences)

(11 = Services)

(12 = Physical Planning and Construction)

APPROVAL DATE: November 2007

REVIEW DATE: 2009

DEPARTMENTAL OR PROGRAMME “HOME”

Department of Quantity Surveying and Construction Management. This programme is financially self-sustainable.

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