

# UFS FORM 5: SHORT LEARNING PROGRAMME

## SECTION A: CATALOGUE

**CODE:** HEQC/HO6/SCI/SPAFM (Credit-bearing SLP)

**TITLE:** Advanced programme in Facilities Management

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

**NQF LEVEL:** 7 (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 the Intermediate Programme in Facilities Management

### LEARNING OUTCOMES:

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

- implement the different cost estimating methods
- utilize available data and price schedules
- do cost planning, cost-management, cost control certification and payment procedures
- compile final accounts
- apply the basic building contract Law
- know the fundamental theory of building contract Law
- be able to interpret building contracts
- lead the parties to the closure of a sensible building contract
- implement different types of building contracts
- handle the administrative process of a building contract

- compile the specification of a building project as well as do certain working drawings on his level
- apply the principles underlying feasibility studies in property development
- develop organisational structures for different types of facilities management enterprises, specifically discounting procurement and outsourcing imperatives
- evaluate client needs, plan and execute space and general services implications
- determine best practice capital expenditure and other financial implications in view of life cycle costing
- execute risk management, post occupancy evaluation and benchmarking as managerial tools
- interpret and apply the pertinent acts and regulations applicable to the built environment.

### **BRIEF DESCRIPTION OF CONTENT:**

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

Building Economics	(Equivalent to module COE304:16)
Construction Contracts and Management	(Equivalent to module CCM306:16)
Building Science	(Equivalent to module BSC304:16)
Property development	(PDE 302:8)
Facilities Management	(FAM306:24)

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
- Reflect on and explore a variety of strategies to learn more effectively and
- Be culturally and aesthetically sensitive across a range of social contexts

## **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:

- Implement the different cost estimating methods
- Utilize available data and price schedules
- Do cost planning, cost-management, cost control certification and payment procedures
- Compile final accounts
- Apply the basic building contract Law
- Know the fundamental theory of building contract Law
- Be able to interpret building contracts
- Lead the parties to the closure of a sensible building contract
- Implement different types of building contracts
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## **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.

## **DEVELOPER/CO-ORDINATOR:**

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