



## ADVANCED FACILITIES MANAGEMENT

ENDORSED BY



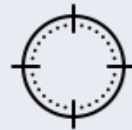
People. Infrastructure. The bottom line.

UNIVERSITY OF THE  
WITWATERSRAND,  
JOHANNESBURG



SCHOOL OF CONSTRUCTION  
ECONOMICS AND MANAGEMENT

# ADVANCED FACILITIES MANAGEMENT



## AIMS OF THE COURSE

The aim of the course is to enable the student to analyse the needs of an organisation with responsibility for the operation and sustainable use of facilities. It should also enable them to formulate an appropriate solution, based on ethical, professional and practical considerations, for the management of the facilities.



## COURSE CONTENT

The course is based on five areas of study

- Understanding an organisation's business needs.
- Developing a facilities management strategy.
- Defining facilities management solutions.
- Structuring the facilities management organisation.
- Sourcing facilities management.



## THEMES COVERED IN THE COURSE ARE:

- Organisational needs.
- Roles and responsibilities.
- Defining FM (Facilities Management) requirements.
- Design and Construction for Operability.
- Information Management.
- Facilities Management Organisation.
- Sourcing and service delivery options.
- Procurement and Contract Award.
- Maintenance Management.
- Contract Management.



## METHOD of ASSESSMENT

Successful completion is;

- Completion of a multi-part Project report (70%)
- and an Examination (30%)



## NUMBER OF NOTIONAL STUDY HOURS

125



## LEARNING OUTCOMES

At the end of the course, participants should be able to:

- Analyse the business strategy, plan, objectives and constraints of an organisation as the context for its core business activities, operational processes and facilities.
- Assess the core business activities of an organisation from the perspective of its use of facilities and the extent of its sustainable space.
- Differentiate core business activities and non-core activities to determine the scope of facility related support services.
- Critically review an organisation's current structure and use of facilities and the implications of a change in structure upon the need for and use of facilities.
- Analyse the wants and needs of an organisation's key stakeholders and their impact, both positively and negatively, on the use of facilities.
- Examine the obligations and duties arising from regulations and compliance with respect to the management of facilities and delivery of support services.
- Propose methods for assessing the environmental, social and economic performance of an organisation's facilities and their contribution to sustainability.
- Identify gaps between an organisation's facilities and support services and those required for safe, secure and efficient work and other activities or functions.
- Appraise the implications of outsourced, in-house and co-sourced service delivery for an organisation's facilities.
- Formulate a strategy for an organisation's facilities management and the key decisions for implementing tactical and operational plans for the facilities.
- Propose the structure of a facilities management organisation to take responsibility for the day-to-day management of the facilities.





# ADVANCED FACILITIES MANAGEMENT



## Meet Dr Brian Atkin

Brian is an independent consultant whose primary interest is in an integrated process for the delivery and operation of constructed facilities/assets. He is a member of British Standards Institution's FM Strategy Group and FM Technical Committee, as well as the ISO TC 267 on Facility Management. Brian is the technical author of many British and international standards and the co-author of Total Facility Management published by Wiley, now entering its fifth edition.

Over the years, he has served on advisory groups and steering committees covering innovation, competitiveness and information technology (including BIM), and has been actively involved in learning and development for major corporations and institutions. He has been appointed to professorships in the UK (University of Reading), Sweden (Lund University and The Royal Institute of Technology) and Australia (Queensland University of Technology). His publications are extensive and are to be found in both the academic and industry press.

## CONTACT

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