

**ADVANCED DIPLOMA OF PLANT ENGINEERING**

<p><b>MODULE DETAILS</b></p>	<p><b>Module 2: Facility Management</b></p> <p>Nominal duration: 3 weeks (24 hours total time commitment)</p> <p>This time commitment includes the preparation reading, attendance at each webinar (1 hour plus 15-30 minutes for discussion), and the time necessary to complete the assignments and further study.</p>
<p><b>MODULE PURPOSE</b></p>	<p>This module serves as an introduction to facility management. Facility management (also referred to as facilities management or FM) is an interdisciplinary field devoted to the coordination of space, infrastructure, people and organization, often associated with the administration of office blocks, arenas, schools, convention centres, shopping complexes, hospitals, hotels, and Industrial plants.</p>
<p><b>PRE-REQUISITE MODULE(S)</b></p>	<p>Module 1: Introduction to Plant Engineering</p>
<p><b>ASSESSMENT STRATEGY / CONDITIONS OF ASSESSMENT</b></p>	<p>To evaluate the achievement of the learning outcomes; written assignments, group projects and practical exercises are set. The Training and Assessment Matrix (TAM) documents the assessment criteria included in these assessments, based on the learning outcomes. The Training and Assessment Strategy (TAS) documents the overall training strategy for this Advanced Diploma course. The conditions of assessment are outlined in the Assessment Guidelines, TAM and TAS. Written assignments, group projects and practical exercises are required to meet assessment criteria outlined in the Assessment Guidelines, TAM and TAS.</p>
<p><b>SUMMARY OF LEARNING OUTCOMES</b></p>	<ol style="list-style-type: none"> <li>1. Examine and discuss Facility Management in terms of organization planning and real estate</li> <li>2. Examine and discuss Facility Management in terms of sustainability, design-build and emergency preparedness</li> <li>3. Examine and discuss Facility Management in terms of security, operations and management practice</li> </ol>

## ADVANCED DIPLOMA OF PLANT ENGINEERING

<b>Learning Outcome 1</b>	<b>Examine and discuss Facility Management in terms of organization planning and real estate</b>	
<b>Assessment Criteria</b>	1.1	Discuss the background and organization of the facility management function
	1.2	1.2 Examine the planning, programming and budgeting functions related to facility management
	1.3	Describe facility management in terms of real estate issues

<b>Learning Outcome 2</b>	<b>Examine and discuss Facility Management in terms of sustainability, design-build and emergency preparedness</b>	
<b>Assessment Criteria</b>	2.1	Discuss facility management in terms of sustainability
	2.2	Describe the design-build cycle
	2.3	Examine and discuss facility emergency preparedness
<b>Learning Outcome 3</b>	<b>Examine and discuss Facility Management in terms of security, operations and management practice</b>	
<b>Assessment Criteria</b>	3.1	Discuss the issues around facility security management
	3.2	Analyse the functions of facility operations and maintenance
	3.3	Describe the attributes of facility management practice

### **Delivery mode**

A combination of asynchronous and synchronous e-learning delivery comprising a judicious mix of interactive online web conferencing, simulation (virtual labs) software, remote online labs, online videos, PowerPoint slides, notes, reading and study materials (in PDF, HTML and Word format) accessed through the Moodle Learning Management System (LMS).