

Advanced Diploma in Facilities Management

OVERVIEW

Facilities Management is rapidly developing in Singapore over the past years. In addition to existing establishment, new infrastructure and building facilities continue to grow in number leading to a strong demand for facilities management professionals now and years to come. The Advanced Diploma in Facilities Management provides students a career path of development in this emerging industry, which in turn helps the development of the economy of Singapore as a whole.

PROGRAMME OBJECTIVES:

This Advanced diploma is designed to provide students with the knowledge and skills to work in the areas of Facilities Management including Operational Management, Human Resource Management and Space Management. Emphasis will be placed on Operational Management, including Building services operations and maintenance, building maintenance and refurbishment, project management and facilities maintenance management to meet the vocational needs of the industry. The course is designed to train students in both facilities and project management to meet the market's need.

DURATION COMPONENTS:

Classroom Training Hours: 30 Hours Per Module

ASSESSMENT METHODS:

70% Coursework & 30% Examination

PROGRAMME OUTCOMES:

Upon completion of this course, the student will able:

- to develop applied knowledge and skills in facilities management for property management practitioners to effectively integrate users' and organizations' needs for physical assets; and
- to provide in-depth academic training with a balanced and comprehensive scope that forms a solid foundation for further career advancement in the Facilities Management discipline; and
- To

AWARDING BODIES:

Global School of Technology and Management

NUMBER OF MODULE:

8

TOTAL CONTACT HOURS:

264

MODULE SYNOPSIS:

BES301 Building - Electrical Services

The module is aim to introduce the basic supply and distribution of Electricity, principles of grid supply and controls to buildings, types of cables and conduits used in electrical supplies and lighting systems and emergency supplies in buildings

FM302 Facilities Management

This module is focus on facilities management principles and scope and its importance to business Organization, 5 models of FM and issues of decision making on outsourcing of FM services.

AMM3Asset Maintenance Management

This module is introducing students with understanding of the potential of assets if there are properly used and maintained, how to achieve greater value through economic evaluation of options, AMM planning process, control and life cycle costing.

SPM304 Space Planning Management

This module is introducing the space planning management including the planning control act 1990, process of consulting and contracting services, cost estimates of construction and installation works and the management issues in space planning and methods of forecasting space needs.

SPM305 Sustainable Practice

This module is introducing students to the principles and practical applications of sustainability from science/engineering, construction and the built environment perspectives. Students will examine the major environmental issues and trends happening in modern society including global warming, its causes and effects, ozone depletion and its importance and the use of basic heat and energy generation, exchange, storage and use.

MEF306 Managing of Equipment Facilities

The students will learn an overview of facilities management, purpose and strategy of maintenance, how to organize a maintenance function and its structure, facilities operation and maintenance building system including basic M&E services and intelligent building system and energy management system.

PAM308 Property Asset Management

Students will be equipped with am understand the role of property management in the corporate sector including the functions of asset management and nature and skills required of property management.

DB308 Building Defects

This module is focus on technology aspects of building maintenance and various building defects and the implications for the building owner including the types of defects, characteristics, causes and remedial measures to rectify problems