

Integrated Facility Management

This course has a long standing excellent reputation within the Facility Management (FM) industry for producing competent FM professionals. This can be proven by the high internship take-up rates during the course, the good job placement of its graduates, as well as its strong network of support from admission to graduation.

Steve Lockwood, CFM, IFMA Fellow
Director Accreditation and Academic Affairs (2017)
International Facility Management Association (IFMA) Foundation



Integrated Resorts, airports, business towers, factories, shopping complexes, hospitals, schools – these facilities house an overwhelming amount of human activity. Who are the people who manage these facilities to ensure that businesses benefit? Who provides residents with the greatest human comfort at the least cost to the environment? Welcome to the world of Facility Management.

This course will train you as a professional who will manage the various physical facilities in today's modern landscape – in terms of not only a building's features and structure, but also its amenities, aesthetics and functionality, as well as how users interact with them. These facilities include Integrated Resorts, airports, events & convention centres, business & financial facilities, leisure and entertainment hubs, hospitality and tourism attractions, as well as residential heartlands. You can also take additional Cluster Electives in two very promising industries: Aviation Facilities and Hospitality Facilities.

As the first diploma course to be conferred the Best FM Training Institution (Innovation Excellence) Award by the International Facility Management Association (IFMA), and also the first diploma course in the world to be accredited by IFMA Foundation

as an Accredited Degree Programme, this course will give you a worldwide competitive edge.

Career Opportunities

Armed with multi-disciplinary skills, you will find employment in the facilities management or development teams in the airport, hospitality and tourism, events and conventions, leisure and entertainment, integrated resorts, business and financial sectors.

On top of your diploma, the attained competencies will enable you to pursue numerous certifications recognised by the industry. These include the Facility Management Professional (FMP) certification by the International Facility Management Association (IFMA), the Fire Safety Manager (FSM) certification by the Singapore Civil Defence Force (SCDF), the Certified Associate in Project Management (CAPM) certification by the Project Management Institute (PMI), as well as the Associate Certified Project Engineer (Assoc. CPE) certification from the Institution of Engineers Singapore (IES).

Graduation Requirements

Cumulative Grade Point Average : min 1.0

TP Fundamentals Subjects : 36 credit units

Diploma Core Subjects : 77 credit units

Diploma Cluster Elective Subjects : 12 credit units

Total Credit Units Completed : min 125 credit units

Application

Apply during the Joint Admissions Exercise following the release of the GCE O Level results. For other categories of local applicants, please refer to the section on “Admission and Requirements”. For international students, please refer to the section on “Information for International Students”.

Entry Requirements for Singapore-Cambridge GCE O Level Qualification Holders

To be eligible for consideration for admission, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements of this course. CCA cannot be used to meet the minimum entry requirements.

For details on GCE O Level Minimum Entry Requirements, refer to page 125.

Note: Applicants should not be suffering from severe vision impairment.

Course Structure

TP FUNDAMENTALS (TPFun) SUBJECTS				
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS	
ECS1005	Communication & Information Literacy	1	2	
ECS1006	Workplace Communication	1	2	
ECS1007	Persuasive Communication	1	2	
EGS1002	Global Studies	1	3	
EGS1003	Managing Diversity at Work*	1	3	
EGS1004	Global Citizenship & Community Development*	1	3	
EGS1005	Expressions of Culture*	1	3	
EIN1001	Innovation & Entrepreneurship	1	2	
GCC1001	Current Issues & Critical Thinking	1	2	
LEA1011	Leadership: Essential Attributes & Practice 1	1	1	
LEA1012	Leadership: Essential Attributes & Practice 2	1	1	
LEA1013	Leadership: Essential Attributes & Practice 3	1	1	
LSW1002	Sports & Wellness	1	2	
MCR1001	Career Readiness 1	1	1	
MCR1002	Career Readiness 2	1	1	
MCR1003	Career Readiness 3	1	1	
TGL1001	Guided Learning	1	3	
ESI3001	Student Internship Programme	3	12	

* Students must choose one of these three subjects or TGL1001 Guided Learning.

DIPLOMA SUBJECTS – CORE SUBJECTS

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
EBD1004	Virtual Design & Facility Planning	1	3
EBT1003	Facilities Operations & Maintenance	1	4
EER1001	Electrical Services for Facilities	1	4
EFM1002	Workplace Safety & Health for Facility Management	1	4
EMA1002	Engineering Mathematics 2	1	4
EMA1003	Engineering Mathematics 1	1	4
ESE1006	Computer Programming for Problem Solving	1	4
ESE1007	Engineering Analytics	1	3
EBD2005	Security & Surveillance	2	4
EBD2009	Building Information Modelling Collaboration	2	3
EBM2004	Project Management	2	4
EBM2005	Fire & Life Safety Management	2	4
EBZ2006	Service Quality & Management	2	4
EFM2004	Contract Management	2	4
EGB2002	Air Conditioning & Mechanical Ventilation	2	4
EBM3005	Energy Management & Audit	3	4
EFM3001	Sustainable Facility Management	3	4
EGB3003	Total Building Performance	3	4
EMP3002	Major Project	3	8

DIPLOMA SUBJECTS – CLUSTER ELECTIVES

You can opt to take Cluster Electives when offered. These optional subjects will stretch your potential and help you to meet your aspirations.

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
<u>Aviation Facilities Elective Cluster</u>			
EAM1001	Airport Operations & Management	1	4
EAT2006	Airport Systems	2	4
EAM3002	Airport Administration	3	4
<u>Hospitality Facilities Elective Cluster</u>			
BHT1010	Introduction to Hospitality & Tourism	1	4
BHT2003	Club & Resort Business	2	4
BHT2005	Event Management	2	4

DIPLOMA SUBJECTS – SPECIAL ELECTIVES

You can opt to take Special Electives when offered. These optional subjects, taken in addition to the diploma cluster electives, will stretch your potential and help you to meet your aspirations.

SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
EED3009	Special Project 1	3	2
EED3010	Special Project 2	3	2
EED3011	Higher Engineering Skills 1	3	2
EED3012	Higher Engineering Skills 2	3	2