



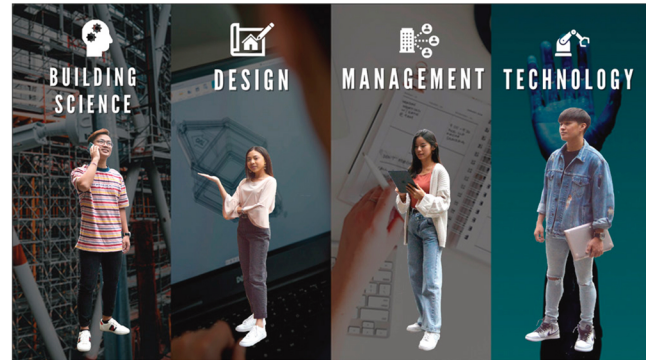
Integrated Facility Management

Overview

Buildings today are becoming more technologically advanced and fanciful, and the built environment sector is getting exciting as Singapore moves towards becoming a smart nation. But beyond the physical spaces that are used to house businesses and people are the vital facility management (FM) professionals who are the backbone that all facilities require.

This course will equip you with the necessary multi-disciplinary skill-sets to manage the amenities, aesthetics and functionality of modern facilities in today's landscape, such as Jewel, Marina Bay Sands, Changi Airport and Gardens by the Bay. Identified as the biggest growth area in the built environment, the ever-growing FM industry is opening up rich and exciting career and further studies opportunities for you!

You can also choose to take Hospitality Facilities, Aviation Facilities or Smart Facilities as a cluster elective, so as to gain more specialised career opportunities!



Career Opportunities

Given today's rapidly evolving landscape with new and better infrastructure and technology constantly being developed, you will have many exciting career opportunities in facility management, as well as events management, hospitality & tourism and aviation.

Exciting jobs for you include:

- Event Managers
- Facility Management Executives / Managers
- Fire Safety Managers
- Procurement / Contracts Executives
- Project Executives / Managers

Entry Requirements

5 GCE 'O' Level subjects comprising:

English Language (EL1)	(Grades 1-7)
Mathematics (E or A Maths)	(Grades 1-6)
One of the following subjects *	(Grades 1-6)
Any two other subjects (except CCA)	--

* *Biology, Biotechnology, Chemistry, Combined Science, Computing / Computer Studies, Design & Technology, Electronics / Fundamentals of Electronics, Physics / Engineering Science, Science (Chemistry, Biology), Science (Physics, Biology), Science (Physics, Chemistry) / Physical Science.*

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

Diploma Core Subjects

Year 1:

- Air Conditioning & Mechanical Ventilation
- Building Information Modelling Collaboration
- Electrical Design & Installation
- Engineering Mathematics 1 & 2
- Facilities Operations & Maintenance
- Security & Surveillance
- Virtual Design & Facility Planning
- Workplace Safety & Health for Facility Management

Year 2:

- Computer Programming for Problem Solving
- Contract Management
- Data Visualisation & Analytics
- Energy Management & Audit
- Fire & Life Safety Management
- Project Management
- Sustainable Facility Management

Cluster Electives:

- Aviation Facilities
- Hospitality Facilities
- Smart Facilities
- TP-NUS University Pathway Programme

Year 3:

- Major Project
- Service Quality & Management
- Building Performance Modelling



Further Studies

You can gain admission into a wide range of degree programmes at local and overseas universities such as those in USA, UK, Australia and New Zealand. Advance standing for specific modules or up to 2 years exemption may be given depending on the relevance of the degree programme.

Success Stories

Outstanding FM Training Provider 2022

TP's Diploma in Integrated Facility Management (IFM) has won the Outstanding FM Training Provider Award, conferred by the Singapore International Facility Management Association (SIFMA). The award recognises an Institute of Higher Learning for excellence in its facility management training programme, taking into account the curriculum and its industry relevance, teaching methodology, assessment model, as well as the career success of its alumni. The award is a testimony to the high quality and value of TP's IFM diploma course.

Mr Song Kwok Yuen, Director of TP's School of Engineering, received the award from SIFMA President, Mr Frank Ngoh, at the Facilities Management Expert Summit on 1 Dec 2022.



Core Strengths

The curriculum and training of this course are mapped to internationally recognised facility management competency areas such as Real Estate, Finance, Planning & Project Management, Human & Environmental Factors, Communications, Technology and Design.

FM Best Training Institution

This is the only Facility Management (FM) diploma course in Singapore to be conferred “FM Best Training Institution” under the Singapore Training Institute Innovation Excellence Award given by the International Facility Management Association (IFMA) in 2016.

Accredited Degree Programme

This is also the first diploma course in the world to be accredited by the IFMA Foundation as an Accredited Degree Programme, which means that you will have worldwide recognition.



Student Life & Facilities

Your life on campus will be varied and vibrant. Sporting competitions, artistic pursuits, adventure learning programmes, team building games, student club gatherings, as well as the annual Campus Care Network Day carnival when students and staff join forces to raise funds, are some of the many colourful and exciting activities that will pepper your life as a student.

Located in a picturesque environment that is close to nature, the campus provides you with the ideal setting for work, play and recreation.



Always at the forefront of technology, the School emphasises innovation, creativity, problem-based learning and a practical, hands-on approach. With a wide range of modern and well-equipped facilities, and a rigorous and industry-relevant curriculum, we are well positioned to prepare you for a bright future.

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#TPEngine

School of Engineering

*The information in this brochure is accurate at the time of printing
For the latest information, please refer to our website
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