



Diploma in Construction Management

(R2/582/4/0009) (08/24) (A 3428)



Introduction

Construction management is the overall planning, coordination, and control of a construction process from the start to the end. The objectives of project management are to produce a project that meets client requirements on budget and schedule, and at acceptable risk, quality, and safety. Project managers often earn their positions by proof of efficient management on similar value projects. The development of team building is essential for their success in managing projects. This results in high quality construction with steady and harmony progression. Good construction staff avoid mismanagement of construction materials, project site untidiness, and construction defects, hence the increase of project total cost would be avoided.

What is Construction Management?

Construction management is a professional service that provides a project's owner(s) with effective management of the project's schedule, cost, quality, safety, scope, and function. Construction management is compatible with all project delivery methods. No

matter the setting, a Construction Manager's (CMs) responsibility is to the owner and to a successful project.

Construction managers work across a broad range of interrelated disciplines on residential, commercial and infrastructure projects. Construction managers are tasked with planning, coordinating, budgeting and supervising construction projects from inception to completion. These projects can range from public, residential, commercial and industrial structures.

About The Programme

This programme is management-oriented and prepares you for a range of professional roles in the building and infrastructure construction industry. You will be taught by a dedicated team of professionals with qualifications and experience in construction related disciplines.

You will study subjects relating to:

- Construction Technology
- Quantity Measurement and Cost Estimating
- Project Planning and Management
- Strategy and Financial Management
- Contract Administration
- Building Law
- Cost Planning

- Cost Management
- Implementation of IT in Construction (including building information modelling)
- Professional Communication and Interpersonal Skills.

You will also have the opportunity to participate in supervised visits to construction sites and international study trips. In addition to your study, you will be strongly encouraged to undertake work experience within the industry prior to graduating.

Construction management is a promising career with growing job opportunities.

It can be seen that employment of construction managers is projected to grow faster than the average for all occupations.

With overall construction activity expanding, the demand for construction managers is expected to grow as well. It has been reported, "over the coming decade, population and business growth will result in the construction of new residences, office buildings, retail outlets, hospitals, schools, restaurants and other structures." Improvements to and replacements of the national infrastructure, such as roads, bridges and sewer pipe systems, will also help the employment growth of construction managers.

Course Structure

Course Subjects :

Year 1

- English 1
- Mathematics & Statistics
- Construction Technology 1
- Construction Materials 1
- Technical Drawing
- Site Surveying
- English 2
- Construction Technology 2
- Effective Communication / Bahasa Kebangsaan
- Structure
- Measurement 1
- Construction Economics 1
- Building Services 1
- Construction Materials 2
- Office Automation
- Kerajaan dan Dasar Awam Malaysia

Year 2

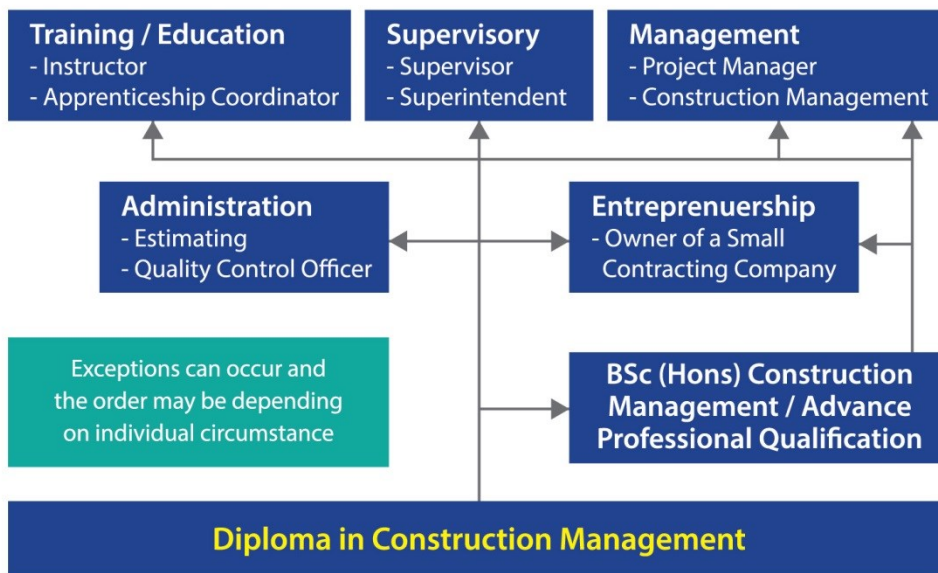
- Building Services 2
- Construction Technology 3
- Pricing & Estimating
- Construction Project Management
- Construction Law 1
- Measurement 2
- Construction Planning & Control
- Malaysia Studies / Pengajian Malaysia 2
- Interactive Multimedia / Photographic & Digital Imaging
- Contractual Procedure
- Construction Economics 2
- Measurement 3
- Construction Law 2
- Organizational Behaviour

Internship (12 Weeks)

MPU Subjects :

- *Effective Communication / Bahasa Kebangsaan A*
- *Kerajaan dan Dasar Awam Malaysia*
- *Malaysia Studies / Pengajian Malaysia 2*
- *Interactive Multimedia / Photographic & Digital Imaging*

Career Pathway



Study Duration

2 years 6 months including Internship

Entry Requirements

SPM / SPMV / 'O' Levels

Minimum 3 Credits
(Including Mathematics, BM & English)

UEC (United Examination Certificate)

3Bs Pass with 3Bs
(Including Mathematics, BM & English)

OTHER

Other equivalent qualification recognized by Ministry of Education Malaysia

Accredited & Recognised by :

1) KPT (R2/582/4/0009)

2) MQA (A 3428)



Modules are subjected to change without prior notice. Terms & conditions apply.

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