



FUTURE LEADER

CONSTRUCTION PROFESSIONAL

||

INTERPERSONAL SKILLS



DELIVERING RESULTS

+

MANAGEMENT KNOW-HOW



PASSION FOR EXCELLENCE

+

TECHNICAL KNOWLEDGE



PROBLEM SOLVING

Industry and Academic Partners

MEngSt Construction Management runs with the full support of leading construction and project management companies in New Zealand. The Department of Civil and Environmental Engineering at The University of Auckland has strong links to industry and is the pre-eminent provider of construction education in New Zealand. All programmes are designed and developed in co-operation with leading construction companies. This ensures graduates obtain the precise skills and expertise employers want. The Fletcher Construction Company Ltd is supporting the programme, along with other leading construction companies.



For further information

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Master of Engineering Studies Construction Management

Problem Solving

Passion for Excellence

Delivering Results

Introduction

Construction projects are becoming more complex, and as a consequence modern management principles need to be brought to the fore to deliver successful project outcomes. These management approaches need to link closely with the implementation of technical solutions. The role of the professional manager in the construction industry is a challenging one, requiring skilful managers with a command of technical problem solving skills coupled with modern construction management knowledge and know-how. This programme has been developed in response from calls from leading organisations to help equip future leaders to meet these challenges.

What is the MEngSt (Construction Management) programme?

- A specialised taught programme at post-graduate level.
- One year full-time, or part time over 2-4 years. Approximately half of the students on our programme are working part time, sponsored by their employers.
- Eight papers are taken from a range of topics in construction management. There are 3 core papers and a range of electives. Papers range from Project Management, Cost Engineering, and Risk Management for Engineers, to Logistics etc (See table).
- Optional projects can be taken to study a subject in greater depth, and such projects may be undertaken in conjunction with the student's industrial sponsor.
- One of the optional papers, called Work Based Learning, is aligned to the IPENZ professional competencies and this helps students start preparing towards CPEng.

Who is the programme for?

For engineers and other professional people pursuing a career in the construction industry who are looking to acquire an in depth knowledge and skills in subject areas relating to construction management.

The programme is designed for individuals with some industrial experience, who already have a bachelor degree or equivalent. Typically people attracted to the programme have worked for a few years in the construction environment, and are looking to acquire new skills for the next career step. Others are seeking to change the direction of their career or to supplement their academic credentials.

The programme is relevant for people in all construction sectors, from the infrastructure, engineering and building sectors. It is equally relevant for individuals working for constructors, owners, and professional service providers.

Core Courses	Elective Courses
Project Management	Cost Engineering
Advanced Project Management	Engineering Risk Management
Construction Management	Work Based Learning
	Civil Engineering Administration
	Project (Research or Industry Based)
	Asset Management
	Engineering Construction Logistics
	Engineering Decision Making
	Simulation in Construction
	Business School Papers
	Engineering Technical Papers

Why undertake a Master in Engineering Studies degree specialising in Construction Management?

Graduates from the programme are confident women and men, equipped with skills and knowledge to meet the challenges they will face in their future careers. Our graduates typically:

- Have well developed critical thinking skills.
- Hold in-depth knowledge of new concepts from leading research.
- Are able to apply a range of management skills, approaches and techniques.
- Are attractive to employers who are looking for professionals who are passionate about their discipline, and have taken to necessary steps to compliment their technical training with a management qualification.

Where, When and How do I find out?

- There are two enrolments each year, with semesters starting in March and July.
- Each Semester is 12 weeks of teaching.
- Classes are typically held weekly during semesters at the Engineering Faculty. A number of our papers are designed to enable students working part time to study via distance learning. Block mode teaching may also be available (see website for further details).

Tuition Fees:

For updated fees information refer to:
www.auckland.ac.nz/fees

Admission requirements are Bachelor of Engineering (Honours) or equivalent and some industry experience. Applicants must also have a satisfactory level of English proficiency.

To apply follow the online application procedure from
www.auckland.ac.nz/apply now

