

Bachelor of Engineering (Mechanical Engineering) (Honours)

CLP Power Academy
中電學院

IVE Engineering
工程




RMIT
UNIVERSITY



This Mechanical Engineering programme offers you the knowledge and skills including engineering sciences, mathematics, engineering design, and engineering professional practice needed by mechanical engineers around the world. It provides industry-relevant experience and a globally-accredited qualification.

Modules

CEF Codes[>]

Mechanics of Solids and Fluids 2	
Engineering Dynamics	
Heat Transfer	
Solid Mechanics 3	
Research Methods for Engineers	
Mechanical Design 2	
Computational Engineering Analysis	
Mechanical Vibrations	
Mechanics of Machines	
Finite Element Analysis	 36Z121656
Renewable Energy Systems	
Automatic Control	 36Z121648
Applied Heat and Mass Transfer	 36Z12163A
Engineering Capstone Project A	
Engineering Capstone Project B	
Electives* (Complete one of the following electives)	
Computational Fluid Dynamics	
Mechanical Design 3	
Professional Engineering Experience	

Professional Recognition

This programme is fully-accredited by **Engineers Australia (EA)**.

The part-time (PT) mode of this programme is fully-accredited by the **Hong Kong Institution of Engineers (HKIE)**. It is in the process of seeking full HKIE accreditation for the full-time (FT) programme.



QF Level 5

QR Registration No. | 14/003406/L5

Validity Period | 11/09/2014 - 10/09/2023

Study Mode and Duration

Full-time (FT), 2 years;
Part-time (PT), 3 years

Study Location

IVE (Tsing Yi)

Details & Apply



Fees

Application Fee : HK\$200

Registration Fee : HK\$3,500

Tuition Fee : HK\$208,700 by 6 (FT) or 8 (PT) instalments

Assessment


Assignment, laboratory exercise, project work and final examination.

10th THE WORLD UNIVERSITY RANKINGS
THE Impact Ranking globally (2020)

6th QS WORLD UNIVERSITY RANKINGS by subject
"Engineering - Mechanical, Aeronautical & Manufacturing"
subject area in Australia (2020)

Registration No. : 212248. It is a matter of discretion for individual employers to recognise any qualification to which this course may lead.

> For part-time mode only.

 This course has been included in the list of reimbursable courses under Continuing Education Fund. The mother course (Bachelor of Engineering (Mechanical Engineering) (Honours)) of this module is recognised under the Qualifications Framework (QF Level 5).

+ RMIT may alter the programme, curriculum or regulations at its discretion. Some of the electives may not be offered in a given year depending on factors such as enrollment and scheduling.