

A scientist can discover a new star but he cannot make one.
He would have to ask an engineer to do it for him.

Gordon Lindsay Glegg

## KEY FEATURES

- ► NZQA approved qualification
- ► State-of-the-art laborataries
- ► Highly qualified faculty
- ▶ Recognition of prior learning up to 50%
- ► Industry oriented programme
- ► Flexible class timings

## INTAKES

AFTER EACH 10 WEEKS Visit our campus any time between 9 am - 7 pm (Monday to Saturday)

Our Address:

ICA HOUSE Level 3, 520 Queen Street

Auckland CBD, New Zealand



For Admissions, Fees & Technical Enquiries
Email: enrol@ica.ac.nz
Call +64 (0) 9309 9558

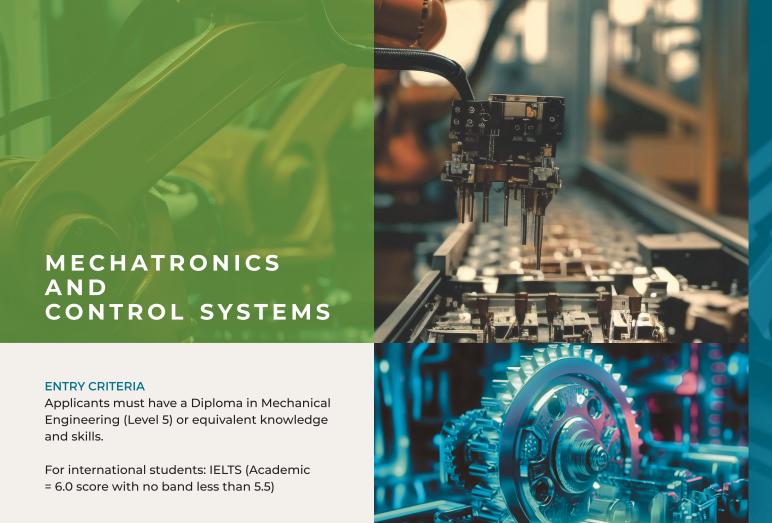


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### SEMESTER 1

DME500 Engineering MathematicsDME604 Analog & Digital ElectronicsDME605 Mechatronics Systems & Design

#### SEMESTER 2

DME722 Actuators & Sensors

DME723 Electromechanical Systems & Devices
DME725 Real Time Embedded Systems

### **SEMESTER 3**

DME600 Engineering Management & Lean

Methodology

DME501 Engineering Drawings & Graphics

DME720 CAD/ CAM

### **SEMESTER 4**

DME700 Final Project

DME721 Industrial Automation & Robotics
DME724 Building Services & Technology

# AUTOMOTIVE ENGINEERING

### **SEMESTER 1**

DME500 Engineering Mathematics
DME502 Mechanics of Machines & Workshop
Practices
DME602 Materials & Manufacturing Processes

## **SEMESTER 2**

DME711 Automotive Engine & Combustion DME712 Vehicle Dynamics & Stability DME713 Automotive Body Engineering & Structures

## **SEMESTER 3**

DME600 Engineering Management & Lean Methodology DME501 Engineering Drawing & Graphics DME710 Automotive Systems & Design

### **SEMESTER 4**

DME700 Final Project
DME714 Automotive Instrumentation
& Sensors
DME715 Alternative Vehicles



Total Credits: 240
Duration: 2 Years (Full Time)
Total 80 weeks including holidays