



### Key Features

- NZQA approved qualification
- State of the art laboratories
- 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-7:00 PM  
Monday to Saturday

### Physical Address

Level 3, 520 Queen Street, Auckland CBD,  
New Zealand



*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*



**INTERNATIONAL  
COLLEGE of AUCKLAND**

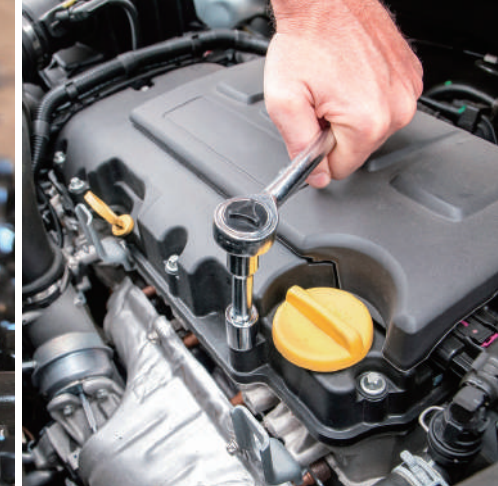
Admissions and Fees

Email: [enrol@ica.ac.nz](mailto:enrol@ica.ac.nz) Phone: +64 (0)9 309 9558

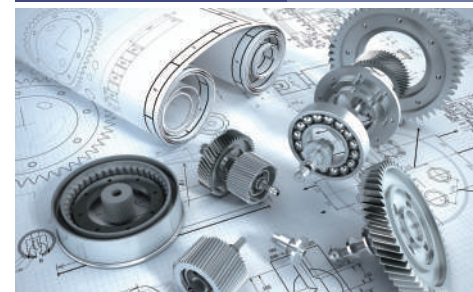
Technical Enquiries

Email: [faiz@ica.ac.nz](mailto:faiz@ica.ac.nz) Phone: +64 (0)9 309 9558 - ext 115

[www.ica.ac.nz](http://www.ica.ac.nz)



Looking for an opportunity to advance  
your career in Mechanical Engineering?



**STUDY** **DIPLOMA IN MECHANICAL ENGINEERING**

- ① Mechatronics and Control Systems
- ② Automotive Engineering

(LEVEL 7)



## Diploma in Mechanical Engineering (Level 7)

If you want to be a part of the Engineering industry as an expert in Mechatronics and control Systems OR advance your career as an Automotive engineer Join ICA, the only education provider in New Zealand delivering Diploma in Mechanical Engineering at level 7.



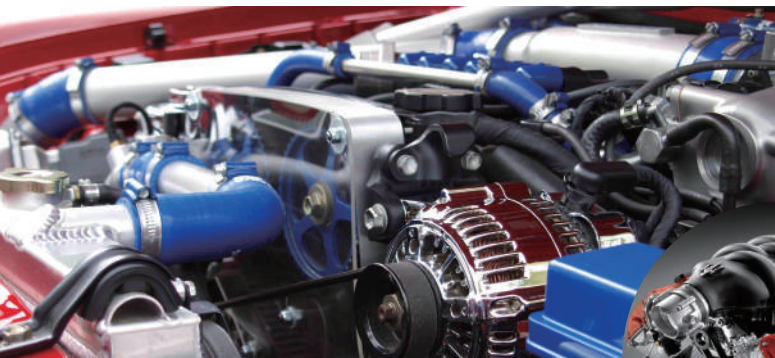
## ② Automotive Engineering

### Entry Criteria

Applicants must have a Diploma in Mechanical Engineering (Level 5) or equivalent knowledge and skills.  
For international students: IELTS (academic=6.0 score with no band less than 5.5).

### Semester 1

DME500 Engineering Mathematics



## ① Mechatronics and Control Systems

### Entry Criteria

Applicants must have a Diploma in Mechanical Engineering (Level 5) or equivalent knowledge and skills.  
For international students: IELTS (academic=6.0 score with no band less than 5.5).

### Semester 1

DME500 Engineering Mathematics  
DME604 Analogue and Digital Electronics  
DME605 Mechatronics Systems and Design

### Semester 2

DME722 Actuators and Sensors

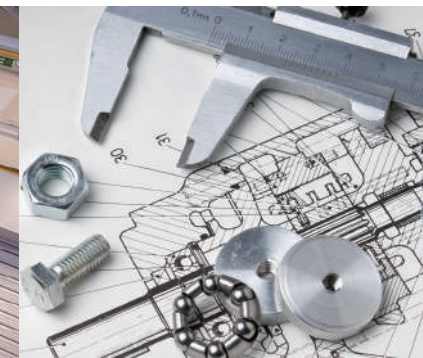
DME723 Electromechanical Systems and Devices  
DME725 Real Time Embedded Systems

### Semester 3

DME600 Engineering Management and Lean Methodology  
DME501 Engineering Drawing and Graphics  
DME720 CAD/CAM

### Semester 4

DME700 Final Project  
DME721 Industrial Automation and Robotics  
DME724 Building Services and Technology



DME502 Mechanics of Machines and Workshop Practices  
DME602 Materials and Manufacturing Processes

### Semester 2

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

### Semester 3

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

### Semester 4

DME700 Final Project  
DME714 Automotive Instrumentation and Sensors  
DME715 Alternative Vehicles