



CITY GRADUATE SCHOOL



QUALITY • TRADITION • RECOGNITION

MME

Master of Mechanical Engineering

City Graduate School

The purpose of higher education is to prepare adults to excel in the field that they have chosen to study. As future leaders and professionals, they must also be prepared to meet all expectations of the real working environment. At City University, Malaysia (City-U), we believe and adopt a holistic approach for developing dynamic professionals. Since its inception in 1984, City-U has produced more than 35,000 graduates, who are now with various reputable organisations worldwide. Our history and years of experience as one of the oldest private education providers in Malaysia positions us as a provider of high quality affordable tertiary studies.

The Right Reasons to Master your Destiny at City Graduate School



We have three decades of tertiary education experience in Malaysia



Flexible study mode, full time or part time basis



Extensive support and supervision of coursework via lectures and mentoring system



Flexible payment schemes that make courses more affordable

- Student oriented environment and conducive learning facilities
- Complete course materials and quality texts

- Dynamic administrative team and customer service
- Lecturers with corporate background and experience



Master of Mechanical Engineering

(N/521/7/0115)(MQA/FA5684)07/2020

The Master of Mechanical Engineering Programme is designed for qualified students seeking to enhance their knowledge and opportunities in their respective career. The curriculum is relevant to the most recent academic and industrial needs thus providing a relevant platform to prepare for future doctoral (PhD) studies or professional mechanical engineering practice.



STUDENTS INTAKE



ENTRY REQUIREMENTS

- Bachelor's degree in Mechanical Engineering or in other engineering fields with at least CGPA of 2.50; OR
- Bachelor's degree in Mechanical Engineering or in other engineering fields but have not attained CGPA of 2.50 with a minimum of five (5) years working experience in the relevant fields.
- For international students, IELTS & TOEFL or equivalent is required.



DURATION

Full Time : 1 Year
Part-Time : 2 Years

AWARDING BODY

City University, Malaysia

LECTURES DELIVERY MODE

- On-going facilitation for 30 hours / 3 hours per week, per module, by experienced lecturers with corporate backgrounds
- 40 credit hours: 10 modules (28 credits) and one project paper (12 credits)
- Minimum of once a week per module undertaken and maximum of twice a week per 2 subjects undertaken
- Evening classes from 6:30 pm-9:30 pm for a duration of 14 weeks (14 sessions)
- Project Paper component of minimum 15,000 words

METHOD OF ASSESSMENTS

- Assignments may be individual or in groups
- Each module may consists of 1 to 2 assignments
- Each module may also consists of an examination or a test
- Examination marks range from 30% to 60% for each module

PROGRAMME CONTENT

Coursework Units

- Engineering Computational Methods
- Advanced Applied Mechanics
- Control System Automation
- Advanced Thermodynamics
- Engineering Computer Aided Design
- Finite Element Analysis
- Advanced Heat Transfer
- Research Methodology

Elective Subjects (Choose 2)

- Computational Solid Mechanics
- Advanced Vibration Analysis
- Mechanical Engineering Design
- Computational Fluid Dynamics
- Renewable Energy
- Materials Failure Analysis

Project Paper / Dissertation