MASTER OF ENGINEERING
PROGRAM IN MECHANICAL ENGINEERING (INTERNATIONAL PROGRAM)
M.ENG. (MECHANICAL ENGINEERING)

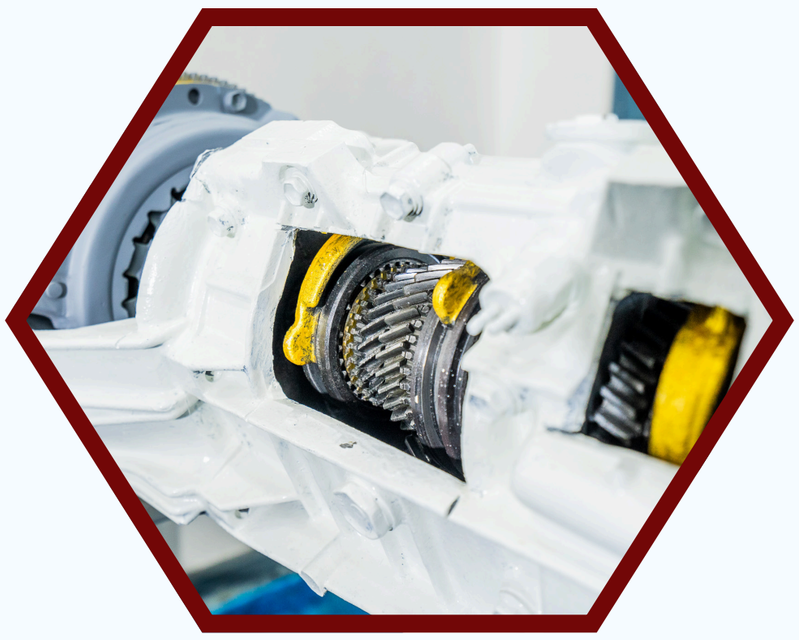
Program Objectives

- To produce master's-level engineers, scholars, and researchers with the knowledge and skills necessary to apply research, create new knowledge, and develop technology in mechanical engineering.
- To enhance capabilities and foster advancements in research, development, and technology transfer within the field of mechanical engineering.
- To develop graduates who demonstrate global competencies, uphold strong ethical standards, and possess a sense of responsibility and social awareness.
- To produce graduates who excel in self-directed learning and are committed to lifelong learning.

The M.Eng Program in Mechanical Engineering aims to produce highly competent graduates to meet the evolving demands of the mechanical engineering industry, especially in research and development, which is the core driving force behind technological advancements in the modern industry that is undergoing rapid technological changes. Therefore, to ensure that the program's learning outcomes align with the needs of the industry and are accredited with quality standards as a guarantee of students' knowledge and abilities upon graduation.

Eligibility of applicants

- Accepting both Thai and international students and,
- Must have completed a bachelor's degree or be currently studying in the final semester of a Bachelor of Engineering degree, or an equivalent degree in Mechanical Engineering or related fields such as Aeronautical Engineering, Automotive Engineering, Marine Engineering and Marine Mechanics, Mechatronics Engineering, Energy Engineering, Manufacturing Engineering, Industrial Engineering, Agricultural Mechanical Engineering, etc., from an institution approved by the office of the Civil Service Commission, or
- Must have completed a bachelor's degree from the Faculty of Industrial Education, in Mechanical Education, or the Faculty of Science and Technology in a related field.



Career of the Graduates

1. Mechanical Engineer: in industry.
2. Researcher in the field of mechanical engineering or related fields such as mechanical design engineering, Fluid and aeronautics engineering, thermal and energy engineering, robotics and automation system engineering, and automotive engineering, etc.
3. Lecturer in Institute of Science and Technology.

Program Learning Outcome (PLOs)

PLO 1: Able to design, improve, and develop mechanical engineering systems.

PLO 2: Able to conduct research from various sources and engage in continuous learning.

PLO 3: Able to communicate academically and work collaboratively with others.

PLO 4: Demonstrate ethical, responsible, and professional behavior.

PLO 5: Able to leverage mechanical engineering knowledge for practical business applications.

Program Structure

- **<u>Plan 1</u> Academic (Thesis 24 Credits)**

- Compulsory Courses	7 credits
- Electives Courses	6 credits
- Thesis	24 credits
Total requires credits	**37 credits**

Tuition Fee

Regular semester (rate specified in the program)*

- Tuition fee 14,500 THB / semester
- Course fee 1,300 THB / credit
- Thesis fee 2,600 THB / credit

Revised Curriculum B.E. 2568

Department of Mechanical Engineering, King Mongkut's University of Technology Thonburi
126 Pracha Uthit Rd, Bang Mot, Thung Khru, Bangkok 10140

More info: +662 470 9123-4
narakis.mora@kmutt.ac.th paweena.sup@kmutt.ac.th