

## Course Application for E-Cube-I Scholarship 2021

Course name	Master of Engineering in Mechatronics Engineering (M.Eng.)
Course Details	<p>Students in the Mechatronics Engineering program, offered through the Mechatronics and Robotics Engineering Department, produce the intelligent devices by combining mechanical, electrical, computer, and other engineering principles. Graduates from our department are shaping the future by designing robots for the manufacturing industry, biomedical devices, rehabilitation robots, service robots, smart vehicles, autonomous farm equipment, and much more. These devices have mechanical and electrical components, sensors, and computer software - all working together, harmoniously. As automation and robotics increase around us, so the companies need engineers with specialized knowledge of these topics. The field of Mechatronics Engineering emerged out of this need to develop the best possible design while seamlessly merging mechanical and electronics knowledge. Mechatronics Engineers have the interdisciplinary knowledge necessary to oversee the design and development of such intelligent devices from beginning to end, rather than completing mechanical, electrical and control designs separately.</p>
Required-number of Undergraduate-Student	-
Required-number of Graduate-Student	Master Degree: 5 students
Course conditions	<p><b><u>Master of Engineering in Mechatronics Engineering (M.Eng.)</u></b></p> <ol style="list-style-type: none"> <li>1. Pass all courses as specified in the program (39 credits) and have a cumulative grade point average (GPA) of courses not less than 3.00.</li> <li>2. Present the thesis and pass the final oral examination by Dean's appointed committee where interested parties are opened to listen.</li> <li>3. Dissertation works must be accepted and published in ISI or SCOPUS; any other requirements must be in accordance with the announcement of RMUTT. (International Conference 1 paper and International Journal 1 paper).</li> <li>4. Meet the English language requirement of RMUTT</li> </ol>
Applicant qualifications (Specific qualifications)	<p><b><u>Master of Engineering in Mechatronics Engineering (M.Eng.)</u></b></p> <ul style="list-style-type: none"> <li>- The graduates of Bachelor of Engineering, Bachelor of Industrial Technology, Bachelor of Science in Technical Education, or related degree programs.</li> <li>- Graduated from the program of Mechatronics Engineering,</li> </ul>

	Instrumentation Engineering, Electrical engineering, Electronic Engineering, Computer Engineering, Mechanical Engineering, Production Engineering, Industrial Engineering, or related fields
Contact person	<p><b><u>Chairman of Mechatronics Engineering Department</u></b> Name: Assoc. Prof. Dr. Dechrit Maneetham Phone: (+66)25494746, (+66)25494755E-mail: dechrit_m@hotmail.com, dechrit_m@rmutt.ac.th</p> <p><b><u>Staff of Mechatronics Engineering Department</u></b> Name: Mr. Pharan Chawaphan Phone: (+66)25494746 E-mail: <a href="mailto:thanarat_c@rmutt.ac.t">thanarat_c@rmutt.ac.t</a></p>