The equation for success

\{ \text{motivate} \}
\sum \text{aspire}
\int \text{empower}

Bachelor of Engineering
(Mechanical Engineering)
(Part-Time)

School of Mechanical & Aerospace Engineering
A School of the College of Engineering
Students are conferred the same B.Eng. (Mech) degree as their full-time counterparts.

- This degree is accredited by Engineering Accreditation Board, Institute of Engineers Singapore, a signatory to the Washington Accord.
- Students enjoy face-to-face interaction with experienced faculty and full access to the sophisticated range of facilities available on campus.
- Students also learn through an extensive number of laboratory classes and the final-year project.
- Normal duration of study - 5 years.
  
  Minimum period of candidature - 4 years.
  
  Maximum period of candidature - 8 years.
- Classes are held on weekday evenings from 7pm to 10pm.

Part-Time Education
Full-Time Success

Key Features of the Programme
This degree programme is designed to produce well-rounded mechanical engineers with essential skills to undertake challenges in the new knowledge-based economy.

The curriculum provides a holistic approach to learning by combining the basic elements of physical sciences with an in-depth coverage of engineering principles. A specialisation in innovative design or manufacturing engineering further strengthens graduates seeking employment in related sectors of the economy. Students also learn analytical techniques, experimental methods, practical problem solving skills, innovation in design and processes to complement the theoretical content of their syllabi.
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<td>• Engineering Graphics</td>
<td>• Control Theory</td>
<td>• Environmental Sustainability</td>
<td>• Engineering Design</td>
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<td>• English Proficiency *</td>
<td>• Engineering Mathematics</td>
<td>• Fluid Mechanics</td>
<td>• Final Year Project</td>
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<td>• Introduction to Electrical Circuits &amp;</td>
<td>• Heat Transfer</td>
<td>• Fluid Dynamics</td>
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<td>• Fundamental Engineering Materials</td>
<td>Electronic Devices</td>
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<td>• ME Elective 1</td>
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<td>• Mechanics of Materials</td>
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- Specialisations in
  - Innovative Design
  - Manufacturing Engineering through ME Electives in Year 4 and 5.

* To be taken by students who have not passed the Qualifying English Test administered by NTU.
What Our Graduates Say

“I am thankful that MAE offers this part-time Mechanical Engineering programme as it gives working professionals like me an opportunity to obtain a prestigious degree from a local university. This part-time degree is highly regarded by most employers as the syllabus is identical to the full-time programme and taught by dedicated faculty. I felt a great sense of achievement at having successfully juggled my studies, work and family life. As the saying goes, “All good things come to those who go after them.””

Au Seng Chong
Mechanical Engineering (Part-time) Graduate
Betchel Book Prize Winner

“NTU’s part-time Mechanical Engineering programme is taught by highly-qualified professors who are willing to go an extra mile to guide and nurture their students. They are also a great source of inspiration as they share with us their life experiences and tribulations. Taking a part time degree is never an easy task; it is about balancing work and studies which requires a lot of self discipline and dedication. On the day I graduated from NTU, I felt a great sense of achievement. My career prospect is now better with this Engineering degree.”

Susan Yeo Hui Kuan
Mechanical Engineering (Part-Time) Graduate

“Pursuing a rigorous degree programme like Mechanical Engineering can be a challenging prospect when you are working full time. For me, it helped that MAE has systems in place to facilitate the planning of my work and studies. My professors and course mates were also very encouraging - a very important factor that kept me doggedly focused on my studies. With a curriculum that is current and relevant to my work in the oil and gas industry, I am certainly much better prepared for the challenges ahead!”

Lily Hee Li Li
Mechanical Engineering (Part-Time) Graduate
Tuition Fee Subsidy

The Ministry of Education offers Singapore citizens and Singapore permanent residents a tuition fee subsidy of 55% and 20% off each semester's fee respectively. To qualify, candidates must meet the following criteria:

- Have not previously received a government subsidy/sponsorship for a first degree;
- Be at least 21 years of age; and
- Have either 2 years of full-time work experience or is currently employed on a full-time basis.

Admission

A relevant diploma such as Manufacturing/Mechanical Engineering, from one of the five local polytechnics in Singapore is required. Final year polytechnic students are also eligible to apply.

Application Period

Applications are invited from December each year to January the following year.

For more information on admission requirements and tuition fees, please visit: admissions.ntu.edu.sg