



# ADVANCED DIPLOMA IN MECHANICAL ENGINEERING

The course is focused on the latest development in the mechanical engineering industry. It helps the students to gain theoretical and practical knowledge and skills in various aspects of mechanical engineering for those who wish to pursue or further advance their careers in this industry. As an integral part of the course, students shall undergo on-the-job training for 6 months in an established mechanical engineering establishment company. Failing which, students will prepare and submit an industry project within 2 months.

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# ADVANCED DIPLOMA IN MECHANICAL ENGINEERING

<b>AWARDED BY</b>	Global School of Technology and Management	
<b>REGISTERED</b>	Registered with Committee for Private Education (CPE)	
<b>GRADUATION</b>	In Singapore	
<b>MODULES</b>	<b>ENG509</b>	<b>Control System and Instrumentation Engineering</b>
	<b>ENG510</b>	<b>Sustainable Industry, Design &amp; Manufacturing Technology</b>
	<b>ENG511</b>	<b>Computer Aided Engineering</b>
	<b>ENG512</b>	<b>Thermodynamics and Heat Transfer</b>
	<b>ENG507</b>	<b>Numerical Analysis</b>
	<b>ENG513</b>	<b>Dynamics and Vibrations</b>
	<b>ENG514</b>	<b>Industrial Design and Product Case Studies</b>
	<b>ENG515</b>	<b>Group Design &amp; Innovation Project</b>
	<b>ADIA518/ ADIP509</b>	<b>Industry Attachment/ Industry Project</b>
<b>ASSESSMENT</b>	Coursework and Examination	
<b>INTAKES</b>	Every 2 months	

	<b>FULL TIME</b>	<b>PART TIME</b>
<b>APPLICATION FEES</b>	\$218 (non-refundable)	\$109 (non-refundable)
<b>COURSE FEES</b>	\$11,990	\$8,720 (2 Instalments) OR \$9,428.50 (12 Instalments)
<b>MATERIAL FEES</b>	Waived	Waived
<b>FEE PROTECTION SCHEME</b>	Borne by GSTM	Borne by GSTM
<b>MODE</b>	<b>Weekdays:</b> 9:00AM - 12:00PM OR 1:00PM - 4:00PM	<b>Weekdays:</b> 7:00PM - 10:00PM <b>Weekend:</b> 10:00AM - 1:00PM OR 2:00PM - 5:00PM OR 6:00PM - 9:00PM
<b>DURATION</b>	10 months Institutional Learning and 6 months Industry Attachment (IA)	12 months Institutional Learning and 6 months Industry Attachment (IA)
<b>OTHER FEES</b>	<b>ADMINISTRATIVE FEE (APPLICABLE TO INTERNATIONAL STUDENTS)</b>	
	<ul style="list-style-type: none"> <li>• Medical Insurance: \$109</li> <li>• International Student Administrative Fee: \$218</li> <li>• Administrative Fee for Student Pass Application: \$87.20</li> <li>• ICA Application Fee: \$45</li> <li>• *ICA Issuance Student Pass Application Fees: \$60 / \$90</li> </ul>	
	<b>Total Fees</b>	<b>\$519.20 / \$549.20</b>

#### NOTES

- All fees are inclusive of 9% GST
- ICA - Immigration and Checkpoints Authority
- IA - Industry Attachment
- IP - Industry Project
- \* As stated in the In-Principle Approval letter from Immigration and Checkpoints Authority (ICA) Singapore.

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## ACADEMIC REQUIREMENTS

- Completion of GSTM Specialist Diploma in Mechanical Engineering; Or
- Polytechnic Diploma in Mechanical Engineering; Or
- Other PEI qualification (e.g. BCA Diploma that are equivalent to GSTM's Specialist Diploma); Or
- Matured students: At least 30 years old with at least 8 years relevant working experiences will be considered.

## ENGLISH LANGUAGE REQUIREMENT

- A pass in English at GCE 'O' Level, or IELTS 5.5 and or equivalent; Or
- Completed a prior Diploma or equivalent where the medium of instruction is English

## IMPORTANT NOTES

- International Student's application for jobs OR Training Work Permit in Singapore is subject to the approval from the Ministry of Manpower of Singapore (MOM). GSTM DOES NOT GUARANTEE any success rate of approval.
- INDUSTRY ATTACHMENT (IA) is part of students' educational development. This enables theoretical learning in the classroom to be applied to practical learning situations and encourages application of theory and knowledge in appropriate context. IA applies to all students.
- Students who are already working may produce a letter from their respective employers to show minimum six months work experience in the relevant industry (subject to School's approval) for EXEMPTION to IA.
- The INDUSTRY PROJECT (IP) applies only when a student is unable to secure an IA with any organisation OR school's approval for EXEMPTION to IA. In the absence of an IA, the student has to complete an industry project lasting 2 months.
- The IP (5000 words) topic must in related field and approved by the school. Students have a maximum of 2 months to complete the project after approval.
- The IP provides an opportunity for students to integrate their knowledge through application to a practical-based classroom project by selecting the student's choice of industry. Preferably, this project focuses on an identified management issues and/or opportunities of an organisation.