

# GLOBAL ENGINEERS LEADERSHIP.

PROGRAMME

OPENING MINDS  
DISCOVERING POSSIBILITIES  
CREATING OPPORTUNITIES

Organized by:



In Collaboration with:





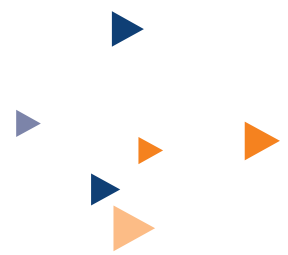
This programme is specially created by IES and NTUC in collaboration with NUS for engineer-leaders to develop a deeper appreciation and awareness of future technological and geo-political trends for better decision-making in an unpredictable and volatile business environment. This five-day, in-person programme covers a wide spectrum of topics and comprises the NUS short course **Engineering Leadership in Uncertainty**, and the **IES/NTUC Curated Dialogue Series** dealing with **Challenges Brought About by Technological Disruptions**

Participants can expect to hear from and network with prominent speakers from the public and private sectors during the programme. ***Participants are required to present a capstone project at the end of the programme.***

#### **Key Highlights**

- Programme Theme : **Challenges Brought About by Technological Disruptions**
- Target Audience: **C-Suites, VPs, Directors, General Managers and their equivalent**
- Five-day, in-person programme at NUS
- Mix of participants from regional and local organisations
- Better appreciation and awareness of future engineering trends in the global environment
- Open windows of opportunities to connect with other business leaders
- Mindset shift towards a global perspective

# PROGRAMME OVERVIEW



PREVIEW

**22 SEP**  
2024

Fireside Chat with an Industry Leader / Networking Cocktail Reception

## Creative Problem Solving

Problem solving skills are essential for engineer-leaders. They are constantly faced with the challenge of leading their team to solve unfamiliar problems in the quest of technological and other innovations. In this session, participants will connect the theories and practices in creative problem solving to derive solutions for their business problems.

DAY 1

**23 SEP**  
2024

DAY 2

**24 SEP**  
2024

## A World in Flux

The World Economy faces a perfect storm: Geopolitics and Climate Change are altering the global landscape. Rapid AI adoption has brought change and raised questions regarding uncertainty. In this session, participants will examine what has changed and what it means for the engineering profession.

## Innovations and Disruptions to the Engineering Industry : AI

How is generative AI, such as ChatGPT, disrupting the engineering industry and why should leaders pay attention to them? What are the implications for organisations in the engineering sector?

## Dialogue with a Singapore Senior Government Official

DAY 3

**25 SEP**  
2024

DAY 4

**26 SEP**  
2024

## AI and Our Future: Boon or Bane?

Is AI a boon or bane for our future? In this session, participants will join academia and practitioners to discuss AI applications, governance, ethical and social issues around harnessing AI.

## Project Presentations and The 'Conduct' of Leadership

In this session, participants will present their opportunity and risk snapshots, per their group topics. Each group will do a 30-minute presentation, followed by Q&A and feedback from the judges.

As a wrap-up to the programme, participants will experience how leadership and management comes into play in an unconventional setting, drawing learnings from the activity back to how they can be a better conductor and lead their organisation to achieve the desired business outcomes.

## Closing Dinner / Panel Discussion With Leaders

DAY 5

**27 SEP**  
2024

# APPENDIX

## FEES & FUNDING

The Global Engineers Leadership Programme comprises:

- A. NUS course: Engineering Leadership in Uncertainty (ELIU), and
- B. IES/NTUC Curated Dialogue Series (CDS)

SkillsFuture funding is available for eligible Singapore citizens and permanent residents for ELIU.

Please refer to the table below for pricing details.

	International Participant	Singapore Citizen <sup>1</sup> 39 years old or younger	Singapore Citizen <sup>1</sup> 40 years or older eligible for MCES <sup>2</sup>	Singapore PRs	Enhanced Training Support for SMEs <sup>3</sup>
<b>A. Engineering Leadership in Uncertainty</b> Full Programme Fee	\$S\$6,000	\$S\$6,000	\$S\$6,000	\$S\$6,000	\$S\$6,000
SSG Funding (Refer to <a href="#">Funding Page</a> for Claim Period)	-	(\$S\$4,200)	(\$S\$4,200)	(\$S\$4,200)	(\$S\$4,200)
Nett Programme Fee	\$S\$6,000	\$S\$1,800	\$S\$1,800	\$S\$1,800	\$S\$1,800
9% GST on Nett Programme Fee	\$S\$540	\$S\$162	\$S\$162	\$S\$162	\$S\$162
<b>Total Nett Programme Fee Payable, Incl. GST</b>	<b>\$S\$6,540</b>	<b>\$S\$1,962</b>	<b>\$S\$1,962</b>	<b>\$S\$1,962</b>	<b>\$S\$1,962</b>
Less Additional Funding if Eligible Under Various Scheme	-	-	(\$S\$1,200)	-	(\$S\$1,200)
<b>Total Nett Programme Fee for Engineering Leadership in Uncertainty, Incl. GST, after additional funding from the various funding schemes</b>	<b>\$S\$6,540</b>	<b>\$S\$1,962</b>	<b>\$S\$762</b>	<b>\$S\$1,962</b>	<b>\$S\$762</b>
<b>B. IES/NTUC Curated Dialogue Series</b>	\$S\$6,400	\$S\$6,400	\$S\$6,400	\$S\$6,400	\$S\$6,400
9% GST on IES/NTUC Curated Dialogue Series	\$S\$576	\$S\$576	\$S\$576	\$S\$576	\$S\$576
<b>Total fees payable (A + B) (Including GST)</b>	<b>\$S\$13,516</b>	<b>\$S\$8,938</b>	<b>\$S\$7,738</b>	<b>\$S\$8,938</b>	<b>\$S\$7,738</b>

**Singapore Citizens or Singapore PRs eligible for the SSG grant must attain at least 75% training attendance and passed all prescribed assessments.**

- All self-sponsored Singaporeans aged 25 and above can use their \$500 SkillsFuture Credit to pay for the Engineering Leadership in Uncertainty programme. Visit <http://www.skillsfuture.sg/credit> to select the programme.
- Mid-Career Enhanced Subsidy (MCES) - Singaporeans aged 40 and above may enjoy subsidies up to 90% of the Engineering Leadership in Uncertainty programme fee.
- Enhanced Training Support for SMEs (ETSS) - SME-sponsored employees (Singaporean Citizens and PRs) may enjoy subsidies up to 90% of the Engineering Leadership in Uncertainty programme fee. [Click Here](#) for more information.
- Eligible organisations (excluding government entities) may apply for the absentee payroll funding for Singaporean/permanent resident participants attending the Engineering Leadership in Uncertainty programme during working hours. The absentee payroll funding is computed at 80% of hourly basic salary capped at \$4.50 per hour or \$7.50 per hour for SME. For more information, visit [Enterprise Portal for Jobs & Skills](#)
- Eligible individuals may apply for training allowance for the Engineering Leadership in Uncertainty programme, capped at \$6/hr under the WSS scheme, visit [WSG](#) for more information..
- NTUC Training Fund (SEPs) – All self-employed (i.e. freelancers and sole-proprietors-with-no-employee) Singaporeans and Permanent Residents are eligible to apply for the NTUC Training Fund (SEPs) from NTUC's Employment and Employability Institute (e2i). [Click here](#) for more information.