

# 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 of the NUS short course **Engineering Leadership in Uncertainty**, and the **IES/NTUC Curated Dialogue Series**. Participants can expect to hear from and network with prominent speakers from the public and private sector during the programme. *Participants are required to present a capstone project at the end of the programme.*

#### **Key Highlights**

- Target Audience: SVPs, VPs, Directors, General Managers and its 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
- From local/regional to global mindset

# PROGRAMME OVERVIEW



DAY 1  
**30 OCT**  
2023

## A World in Flux

The World Economy faces a perfect storm : Geopolitics, COVID-19 and Climate Change are altering the global landscape. COVID-19 has permanently changed the way the world works, trades and lives. In this session we examine what has changed and what it means for the engineering profession.

**Opening Dinner / Fireside Chat with a Senior Government / Industry Official**

## Innovations and Disruptions to the Engineering Industry

What are the innovations and disruptions to the engineering industry and why should leaders pay attention to them? What are the implications for companies in the engineering sector?

DAY 2  
**31 OCT**  
2023

DAY 3  
**1 NOV**  
2023

## Creative Problem Solving

Problem solving skills are essential skills for engineer leaders. They are constantly faced with the challenge of leading their team to solve unfamiliar problems in the quest for 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.

## Managing Change

From a personal level to a professional level, change is constant. Some "cope" with change, others embrace it. How can leaders thrive in change management? In this section we discuss how to thrive in a "change management" in a digital, technology-influenced work place.

DAY 4  
**2 NOV**  
2023

DAY 5  
**3 NOV**  
2023

## Project Presentations and Tune in to Leadership

Participants will present their group projects.

As a wrap up to the programme, participants will work with musicians and faculty from the Yong Siew Toh Conservatory and experience how leadership comes into play at an orchestra, 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**

# 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
8% GST on Nett Programme Fee	\$S\$480	\$S\$144	\$S\$144	\$S\$144	\$S\$144
<b>Total Nett Programme Fee Payable, Incl. GST</b>	<b>\$S\$6,480</b>	<b>\$S\$1,944</b>	<b>\$S\$1,944</b>	<b>\$S\$1,944</b>	<b>\$S\$1,944</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\$6,480</b>	<b>\$S\$1,944</b>	<b>\$S\$744</b>	<b>\$S\$1,944</b>	<b>\$S\$744</b>
<b>B. IES/NTUC Curated Dialogue Series</b>	\$S\$6,400	\$S\$6,400	\$S\$6,400	\$S\$6,400	\$S\$6,400
8% GST on IES/NTUC Curated Dialogue Series	\$S\$512	\$S\$512	\$S\$512	\$S\$512	\$S\$512
<b>Total fees payable (A + B) (Including GST)</b>	<b>\$S\$13,392</b>	<b>\$S\$8,856</b>	<b>\$S\$7,656</b>	<b>\$S\$8,856</b>	<b>\$S\$7,656</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 [WSS](#) 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.