

Hong Kong Future Aerospace Technology Talent Training Program 2024/2025



Dec 2024 – Mar 2025

Hong Kong
Productivity CouncilCantonese/ English/
MandarinSecondary School
Students

Objective

To align with the government's, the Hong Kong Productivity Council will launch "Hong Kong Future Aerospace Technology Talent Training Program 2024/2025" funded by the Innovation and Technology Commission.

Through this program, students will integrate and apply their knowledge to design and build their own space station, fostering their interest and potential in aerospace science and engineering. Students can participate through "6 Aerospace Technology Training Courses," "Field Trips," and "2 Practical Workshops."

- Learn about different aerospace technologies and related skills
- Use acquired knowledge to **collaboratively design and build a Space Station Model** which incorporates unique creative ideas
- Enhance analytical thinking, programming skills, and interest in scientific research
- Understand the development and achievements of national aerospace technology, and learn about the contributions of Hong Kong experts to national aerospace engineering

Exclusive Chance! Register promptly! **Limited Spots!**

*All participants will receive a **certificate issued by the Hong Kong Productivity Council** at the Award Ceremony.

**Participants must achieve an 80% attendance rate in the '6 training sessions' to gain priority for the 2 Practical Workshops and Field Trip.

Registration

Please scan the QR code to fill out the online registration form.
Successful registrants will receive a confirmation email.



Disclaimer :

Any opinions, findings, conclusions or recommendations expressed in this material/event (or by members of the project team) do not reflect the views of the Government of the Hong Kong Special Administrative Region, the Innovation and Technology Commission or the Vetting Committee of the General Support Programme of the Innovation and Technology Fund.

Agenda

6 Aerospace Technology Training Courses

Content	Learn about different aerospace technologies and related skills
Time and Date (Tentative)	Date: 23, 27 Dec 2024 & 25 Jan 2025 Time: 10:00 - 13:00 14:30 - 17:30 Location: HKPC Mode: Online and Onsite
Target	Secondary School Students Onsite 90 people, online 160 people (10 people per school)
Research Topic (Tentative)	1. Natural Language Recognition-Coding Skills: Python-written mode 2. Water Cycle in Space 3. Solar Power System 4. Radar and Radiation System 5. Agriculture in Space 6. Construction of Space Station

2 Practical Workshops

Content	Use acquired knowledge to collaboratively design and build a Space Station Model
Time and Date (Tentative)	Date: 15 & 22 Feb 2025 Time: 09:00 - 12:00 14:00 - 17:00 Location: HKPC Mode: Online and Onsite
Target	Secondary School Students Onsite 90 people, online 160 people (10 people per school)
Research Topic (Tentative)	1. Sound Recognition System 2. Water Cycle in Space Station 3. Solar Power System 4. Radar and Radiation Detection 5. Plant Cultivation in Space 6. Space Station and Landscape Construction

Field Trips (Optional to participate in two field trips or choose either one)

Content	Visit Zhuhai Aerospace Land to learn introductory aviation knowledge and understand the development of national aviation	Content	Visit Space Science and Technology Institute (Shenzhen) to learn about manned aerospace technology, technology transformation and aerospace science education
Time and Date (Tentative)	Date: 1 Mar 2025 Time: 08:00 - 18:00 Location: Assemble and Disband at HKPC	Time and Date (Tentative)	Date: 8 Mar 2025 Time: 08:00 - 18:00 Location: Assemble and Disband at HKPC

*Award Ceremony is tentatively scheduled to be held at the HKPC on 15 Mar 2025. Details will be announced later.

Supporting Organisations



ASIAN ROBOTICS LEAGUE
亞洲機器人聯盟



航天科创
AEROSPACE TECHNOLOGY & INNOVATION



HONG KONG
COMPUTER SOCIETY
香港電腦學會



深圳筑梦苍穹航天文化科技有限公司
SHENZHEN ZHUMENG CANGQIONG AEROSPACE CULTURE TECHNOLOGY CO., LTD



中国科学院空间应用工程与技术中心
Technology and Engineering Center for Space Utilization, Chinese Academy of Sciences

Enquiry : Ms Ann Tang | 2788 5792 | aerospacegp@hkpc.org
Ms Jancis Sin | 2788 6268 | innospace@hkpc.org