



Ralong Business Technology Academy
Pioneer of Continuing Education



UOW
COLLEGE
HONG KONG
香港伍倫貢學院

Part of
UNIVERSITY
OF WOLLONGONG
AUSTRALIA



Executive Course

Low Altitude Economy – The New Global Productivity Force

Faculty of Science and Technology

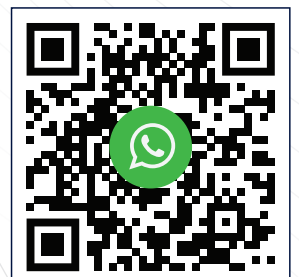
☎ 2707 3232
📷 UOWCOLLEGEHK
📘 UOWCOLLEGEHK
✉ uowchk-fst@uow.edu.au

UNIQUE LAE executive
course by UOWCHK and
Ralong for Hong Kong

Starting point for LAE and
LAT business development

Experience real case studies

Dates: 6, 13, 20 September 2025
Time: 09:30 – 12:30, 14:00 - 18:00
Medium: English suppl. with Cantonese
Fee: HKD 8,800
Venue: UOW College Hong Kong
(Tai Wai MTR Exit B)



About the course

This executive course aims to introduce and explore the emerging field of the Low Altitude Economy (LAE) and Low Altitude Technology (LAT), highlighting its transformative impact on global productivity. It provides a comprehensive understanding of the technological, business, and governmental aspects of LAE, preparing participants to engage in this new economic frontier. This is a UNIQUE LAE executive course by UOW College Hong Kong and Ralong for Hong Kong professionals.



Target audience

This course is designed for:

- Management professionals
- Decision-makers
- System designers
- Drone controllers
- Business development professionals
- Government officials
- Event organizers
- Intelligent city advocates
- IoT creators and innovators

Supported by:



Content

Day 1: Foundations of LAE and LAT

- Introduction to LAE: Transition from IT to IoT as a new productivity era
- National strategies and economic implications of LAT
- Overview of key system solutions:
 - GNSS infrastructure
 - Industrial-scale AI-IoT application systems
 - Digital twin platforms: bridging the meta and physical worlds
 - Airspace infrastructure for LAE

Day 2: Drone Applications and Career Pathways

- Real-world drone application scenarios:
 - Logistics, delivery, inspection, rescue, public security, transportation
- Guest presentation: Drone operator from Mainland China and/or HKSAR government Sandbox Program winner
- Live drone demonstration (UOW campus)
- Discussion:
 - Entry points into LAE as a professional or entrepreneur
 - Integrated technology development and business opportunities
 - Career paths in aviation and related sectors
 - Cross-regional collaboration: Hong Kong, Greater Bay Area, Australia

Day 3: Standards, Ecosystems, and Innovation

- Standards and compliance in LAE
- Business case studies with aviation perspectives
- Enabling technologies and ecosystem overview:
 - Interplay between technology, business, government, and society
- Introduction to Systematic Innovation for solution engineering
- Open Book Examination (2 hours, afternoon session)

Course instructor



Dr. Daniel Lau (劉傑) is Director of Technology at Apex-Sphere Ltd. and U Resonance Ltd., specializing in AI-IoT, GNSS, and smart city solutions. He also leads Raymedy Bio-Energy InnoTech Ltd. in digital healthcare innovation. With a background in semiconductors, optoelectronics, and life sciences,

Daniel has held roles at IBM, Bio-Rad, and CityU, and co-founded Ralong Business Technology Academy. As Founding President of the Hong Kong Optoelectronics Association, he helped establish Hong Kong's position in the global photonics industry.