

SPACE OPERATIONS 2.0

9 TO 11 FEBRUARY 2026 (3-DAYS) IN SINGAPORE

A HIGH-INTENSITY COURSE FOR INDUSTRY EXECUTIVES AND POLICYMAKERS

Space – The 2 Trillion-dollar Industry

This high-intensity course aims to provide industry executives and policymakers with interdisciplinary background knowledge to guide their governments, enterprises, and their individual careers into the space economy.

Future projections suggest that the global space economy may grow to as much as \$2 trillion by 2040. Once the domain of governments, private companies are expected to take the lead, driving innovation through increased investment and strategic collaboration between commercial and government entities. While the future looks promising, several prominent firms have failed and significant risks remain.



THE SPACE ECONOMY

Understand how the space sector has shifted from a government-led, national security focus to a booming commercial industry. Appreciate the different roles of government agencies and private companies in shaping the global and national economies.



MARKET DYNAMICS

Analyse the key market drivers for the space market, and the impact of reusability, cost reduction, and the new "data as a service" business model.



KEY SPACE SYSTEMS

Space Transportation: The concepts of reusability and rocket engines.

Remote Sensing: The role of spectral bands and data analysis.

Telecommunications: The importance of signal strength and constellation configuration.



FUTURE MARKETS

Be able to describe and analyse the future of in-space manufacturing, space tourism, advanced life support systems and human spaceflight programmes and their transition toward public-private partnerships.



POLICY AND LEGAL FRAMEWORKS

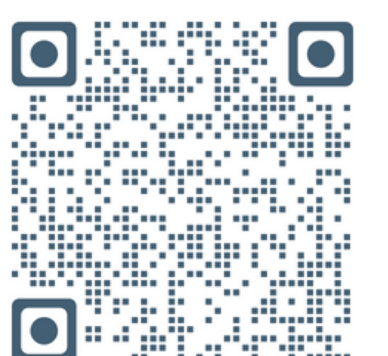
Assess the policy and legal constraints that affect space innovation and commercial activities.



Dr. Andrew (Andy) Aldrin is the Executive Director of Space Programs Embry-Riddle World Wide, CEO & President of the Board, Aldrin Family Foundation. Dr. Aldrin has a distinguished career in industry and government research, including executive positions at Boeing, United Launch Alliance and Moon Express.

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