

LANDSTRONAUT®

PEOPLE
Human capability

SYSTEMS
Integrated environments

RESILIENCE
Continuity & adaptation

LAND TO SPACE(TM)
Land · Orbit · Space

COURSE COMPLETION

Landstronaut 101 Certificate of Completion
Granted by Landstronaut University(TM)

Landstronaut 101(TM)

The two-day curriculum establishes a common introductory foundation for virtual and live participants. Day 1 builds understanding of the Landstronaut® ecosystem, human-centered systems, professional capability, and the Land to Space(TM) Continuum. Day 2 moves participants into leadership, resilience, capability development, lifecycle execution, and market-entry pathways.

SIX EDUCATIONAL PILLARS

01	Human-Centered Convergence(TM)
02	Professional Capability
03	Leadership
04	Resilience
05	Human Systems
06	Landstronaut Development

LIFECYCLE

DISCOVER	DECIDE	ARCHITECT	DEPLOY	EVOLVE	NAVIGATE
----------	--------	-----------	--------	--------	----------

DAY 1

UNDERSTAND THE LANDSTRONAUT® ECOSYSTEM

Foundation: People · Systems · Resilience · Land to Space(TM)

01

Becoming a Landstronaut

Introduces Landstronaut® as an interdisciplinary professional and operating concept. Participants examine the relationships among people, habitats, infrastructure, economies, environments, technology, and the expanding Land to Space(TM) economy.

02

Human-Centered Convergence(TM)

Introduces the integration of technology, infrastructure, economics, governance, environments, and human capability into a coordinated system. Participants examine development through human performance, usability, adaptability, survivability, and long-term societal value.

03

The Land to Space(TM) Continuum

Establishes Land · Orbit · Space as an interconnected development continuum. Participants explore terrestrial infrastructure, satellite-enabled systems, orbital capabilities, emerging space infrastructure, and the economic and professional relationships connecting these environments.

04

Human Systems + Professional Capability

Examines people, organizations, technology, infrastructure, and operating environments as interconnected systems. Participants identify the knowledge, skills, abilities, professional competencies, and institutional capabilities required to transfer knowledge from education and research into enterprises, governments, laboratories, infrastructure programs, and missions.

05

Discover · Decide · Architect

Introduces the first three stages of the Landstronaut® lifecycle. Discover addresses research, intelligence, foresight, and opportunity identification. Decide introduces assessment, standards, readiness, maturity, and capability-based decision making. Architect introduces human integration, systems engineering, infrastructure, technology integration, and architecture.

DAY 1 APPLIED LAB

Map Your Land to Space(TM) Opportunity

Participants select a challenge or opportunity from their university, community, profession, enterprise, industry, or country and map its human, infrastructure, economic, workforce, systems, technology, and resilience requirements.

APPLY, BUILD & ENTER THE LAND TO SPACE(TM) ECONOMY

Application: Leadership · Resilience · Capability · Market Entry · Landstronaut Development

06

Leadership for Complex Environments

Introduces leadership, governance, decision-making, accountability, organizational coordination, and command principles for complex, distributed, technology-enabled, and resource-constrained environments.

07

Resilience & Resilience Continuity(TM)

Examines resilience as an operational capability spanning people, organizations, infrastructure, economies, systems, and technology. Participants explore how capabilities anticipate disruption, withstand stress, maintain essential functions, recover, adapt, and evolve throughout their lifecycle.

08

Deploy · Evolve · Navigate

Completes the Landstronaut® lifecycle. Deploy addresses implementation, integration, commissioning, and operational transition. Evolve covers sustainment, maturation, modernization, and lifecycle improvement. Navigate introduces artificial intelligence, enterprise automation, operational intelligence, multi-domain coordination, and Position, Navigation and Timing across Land, Orbit, and Space.

09

Capital · Workforce · Systems · Technology

Examines the four capability resources supporting Land to Space(TM) development: Capital Deployment, Workforce Development, Systems Autonomy, and Technology Innovation. Participants learn how financing, professional capability, infrastructure, intelligent systems, data, automation, and technology maturity influence progression from opportunity to sustainable operating capability.

10

Landstronaut Development & Market Entry

Connects participants to professional and commercial pathways across resilient infrastructure, energy, construction, artificial intelligence, automation, FinTech, telecommunications, education, agriculture, advanced manufacturing, mobility, smart environments, satellite-enabled services, research, entrepreneurship, and emerging space markets.

DAY 2 APPLIED LAB

Architect Your Land to Space(TM) Pathway

Participants convert their Day 1 opportunity into an introductory capability pathway identifying the need, people, professional capabilities, infrastructure, capital, workforce, systems, technology, resilience requirements, stakeholders, market opportunities, and next actions.

FROM PARTICIPANT TO LANDSTRONAUT

The program integrates the six educational pillars of Human-Centered Convergence(TM), Professional Capability, Leadership, Resilience, Human Systems, and Landstronaut Development with the complete lifecycle.

DISCOVER	DECIDE	ARCHITECT	DEPLOY	EVOLVE	NAVIGATE
----------	--------	-----------	--------	--------	----------

CERTIFICATION

Landstronaut 101 Certificate of Completion

Participants who satisfy the completion requirements for both days earn the Landstronaut 101 Certificate of Completion, granted by Landstronaut University(TM). The same curriculum and completion standard apply to Live and Virtual Certification participants.

Program completion may also include a complimentary one-year membership to the Global Resilience Infrastructure Forum(TM), extending the MasterClass into resilience-focused knowledge exchange, professional engagement, and global infrastructure dialogue.

LANDSTRONAUT 101(TM)

Understand the ecosystem. Develop capability.
Architect your pathway. Navigate what comes next.