



SPACE CERTIFICATE

SHAPING THE FUTURE OF SPACE INDUSTRY

Innovations, Technological Disruptions and New Models for the Space Sector



LEARNING OBJECTIVES

- Develop a forward-looking understanding of the transformations shaping the space sector
- Design innovative collaborative solutions
- Expand your professional network within the space industry

As the space sector undergoes profound transformation, the SPACE CERTIFICATE provides a broader perspective on the scientific, technological and industrial shifts shaping its future. Drawing on the expertise of ISAE-SUPAERO and its partners, the programme connects research, innovation and industry, while a collaborative project enables participants to apply their learning, exchange perspectives and explore possible futures for the space sector.

PEDAGOGICAL APPROACH



TEACHING AND EXPERTISE

The programme runs over 12 days spread across 6 months and is structured into four learning modules. The two-day, face-to-face sessions include lectures, expert talks, case studies, industrial site visits, and work on a collaborative project. Sessions are delivered by ISAE-SUPAERO faculty, as well as academic, institutional and industry experts.

PROJECT-BASED APPROACH

Participants work in teams on a strategic and operational challenge addressing the future of the space sector, selected from a range of major issues facing the industry. They develop a well-grounded analysis, drawing on insights from the experts and professionals they meet throughout the certificate.

These projects include:

- **Professional deliverables**
- **A final presentation to a jury**

MICROLEARNING

Before each on-site training session, participants will engage in microlearning modules. Key topics will then be debated during face-to-face sessions.

AUDIENCE



- **Language:** French
- **Space professionals** (5+years of experience) with a collaborative mindset and established industry connections-keystone players in the space ecosystem
- **Professionals transitioning into the space sector**



EVALUATION & CERTIFICATION



- **Project** (40%): Relevance, innovation, feasibility, and presentation quality
- **Quizzes** (30%): Validation of acquired knowledge
- **Participation** (30%): Attendance and workshop contributions

Certificate of Competency issued by ISAE-SUPAERO, listing validated skills.

JANUARY - JUNE 2027 SESSION

MODULE 1 - UNDERSTANDING THE NEW ERA OF SPACE

Develop a comprehensive understanding of the sector's evolution and the major scientific, technological, geopolitical and industrial challenges shaping its future.



JANUARY
7-8

ISAE-SUPAERO

Analysis of political and economic challenges
Mapping the space ecosystem

Projects: Launch

MODULE 2 - INNOVATIONS THAT WILL TRANSFORM THE SPACE SECTOR

Explore emerging technologies and their impact on the space sector, today and in the future:

- AI / cybersecurity / autonomous robotics / big data
- Quantum technologies
- Advanced manufacturing / new materials

FEBRUARY
4-5

IRT ST-EXUPÉRY

Exploring emerging innovations
Visits to research laboratories
Expert talks and discussions

MARCH
4-5

ISAE-SUPAERO

Projects: Innovation analysis and opportunities

MODULE 3 - FROM INNOVATION TO INDUSTRIAL SCALE

Understand how space industry players move from innovation to industrialisation:

- Investment decisions
- Production methods
- Supply chain
- Industrial transformation

APRIL
1-2

AIRBUS

Expert presentations
Case studies
Industry insights and testimonials
Industrial site visits

APR
29-30

COMAT CONNEKTICA

Projects: Foresight roadmap and investment decisions

MODULE 4 - SHAPING THE SPACE INDUSTRY OF TOMORROW

Explore the future transformations of the space sector by bringing together academic, industry and institutional perspectives, with a focus on sustainability and CSR, new industrial models, skills and training, and collaboration.

CLOSURE

JUNE
3-4

ISAE-SUPAERO

Expert presentations
Questions and discussions

Projects: presentations

Skills assessment
Participant feedback



This certified program is designed by **ISAE-SUPAERO** and supported by the **COMETES program (France 2030)**.

Sessions are led by ISAE-SUPAERO faculty and researchers, as well as experts from partner companies and institutions.



Registrations: before October 10, 2026

CONTACT

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TOTAL TRAINING HOURS: 84

42h: Lectures & workshops
21h: Team project & mentoring
9h: Company visits
9h: Personal work
3h: Microlearning

FEES

- Launch price*: 1,000€
- Contributor rate: 500 €

*2026-27: launch price.
Standard pricing (€5,000) will apply from the 2027-2028 session.