



# Euroconsult Training Service Offer

## MODULES

### SPACE TECHNICAL & ENGINEERING FUNDAMENTALS



End-to-end technical and engineering space industry fundamentals



1 to 3 day(s)



Middle program management, operators and technicians

### SATELLITE PROJECTS & PROGRAMS MANAGEMENT



Space program management: from business planning to risk management assessment



1 to 2 day(s)



Executives, senior and middle program management

### SPACE LEGAL, REGULATORY & SPECTRUM MANAGEMENT



Legal, regulatory and frequency challenges impacting business plans, investment and programs



1 to 3 day(s)



Executives, senior and middle program management

### SPACE INDUSTRY & MARKET DYNAMICS



Space industry policy and market perspectives and trends



1 to 2 day(s)



Executives, senior and middle program management

## KEY CUSTOMER BENEFITS

- **Fully flexible** learning solutions, either customized or pre-packaged
- Access to a unique line-up of **seasoned industry experts** with extensive sectorial experience
- Combined access to the most appropriate set of **training venues, industry visits** and **curated support services**
- A **bespoke learning experience** enabling both demonstrable knowledge transfer and networking opportunities

## A TAILORED LEARNING ENVIRONMENT

- Online e-learning platform
- Multilingual courses available
- Remote
- In-house or off-site
- Blended learning

WANT TO LEARN MORE? CONTACT US AT: [TRAINING@EUROCONSULT-EC.COM](mailto:TRAINING@EUROCONSULT-EC.COM)



## MODULE BREAKDOWN

### 1. SPACE TECHNICAL & ENGINEERING FUNDAMENTALS

- 1.1 General introduction to space missions
- 1.2 Space environment & associated constraints
- 1.3 Satellite system design, integration & tests
- 1.4 Satellite platform & subsystems
- 1.5 Quality control & assurance
- 1.6 Launch vehicles & satellite/launcher interfaces
- 1.7 Launch campaign & launch phase
- 1.8 Satellites control operations: From deployment to deorbitation
- 1.9 Satellite communications systems overview
- 1.10 Satellite communications systems: HTS
- 1.11 Satellite communications systems: Flexible & reconfigurable systems
- 1.12 Satellite communications systems: Constellations
- 1.13 Telecom satellite missions' operations
- 1.14 Satellite Earth observation systems overview
- 1.15 Satellite optical Earth observation systems
- 1.16 Satellite radar Earth observation systems
- 1.17 Space sector's professions & skills

### 2. SATELLITE PROJECTS & PROGRAMS MANAGEMENT

- 2.1 Satellite mission technical roadmap: From concept to operations
- 2.2 Satellite project business plan definition
- 2.3 Satellite project financing
- 2.4 Satellite program tender management
- 2.5 Satellite program contract negotiations & management
- 2.6 Satellite industrial contract management
- 2.7 Satellite program risk management & insurance

### 3. SPACE LEGAL, REGULATORY & SPECTRUM MANAGEMENT

- 3.1 Introduction to space laws and regulations
- 3.2 Satellite communications regulation
- 3.3 Satellite Earth observation regulation
- 3.4 Orbital resources regulation and management
- 3.5 Orbital debris regulation and management

### 4. SPACE INDUSTRY & MARKET DYNAMICS

- 4.1 Introduction to the global space industry and markets
- 4.2 Governments' space policies, governance and financing
- 4.3 Satellite manufacturing market & players
- 4.4 Space launch service market & players
- 4.5 Ground segment market & players
- 4.6 Satellite communications services market
- 4.7 Satellite Earth observation services market
- 4.8 Satellite navigation services market
- 4.9 "New space" markets & players

## DESIGNED FOR



GOVERNMENT



MANUFACTURERS



SATELLITE OPERATORS



LAUNCH SERVICE PROVIDERS



SERVICE PROVIDERS



FINANCIAL INSTITUTIONS