BLACKBIRD FOR TRAINING

Advanced Course in Regulation in the Telecommunications Sector

Cairo (Egypt)

20 - 24 December 2026

Advanced Course in Regulation in the Telecommunications Sector

Code: GC32 From: 20 - 24 December 2026 City: Cairo (Egypt) Fees: 4900 Pound

Introduction

The telecommunications sector is among the most dynamic and rapidly evolving industries worldwide. The expansion of fifth-generation networks, Internet of Things ecosystems, satellite communications, and digital platforms has made effective telecommunications regulation more critical than ever. Regulation plays a central role in ensuring fair competition, protecting consumers, managing scarce resources such as spectrum, and enabling sustainable sector growth.

This intensive five-day program delivers a comprehensive understanding of telecommunications regulation by consolidating the full scope of a traditional ten-day course into a focused, high-impact learning experience. Through a combination of conceptual frameworks, international case studies, and practical workshops, participants will gain the knowledge and tools required to analyze, design, and apply regulatory policies covering licensing, competition, interconnection, tariff regulation, quality of service, cybersecurity, and spectrum management in line with international best practices.

Course Objectives

By the end of the Regulation in the Telecommunications Sector program, participants will be able to:

- Understand the principles, objectives, and scope of telecommunications regulation
- Analyze national and international regulatory frameworks
- Evaluate competition policies and market liberalization strategies
- Address regulatory issues related to licensing, interconnection, and spectrum management
- Assess consumer protection mechanisms and quality of service requirements
- Examine the regulatory impact of emerging technologies such as 5G, Internet of Things, satellite communications, and digital platforms
- Apply practical tools for regulatory analysis and policy decision-making

Course Outlines

Day 1: Foundations of Telecommunications Regulation

- Evolution of the telecommunications sector and digital transformation
- Objectives and scope of telecom regulation
- Key stakeholders: governments, regulators, operators, and consumers
- Policy, regulation, and legislation: roles and boundaries
- International standards and global regulatory frameworks
- Comparative overview of international regulatory models

Day 2: Legal, Institutional Frameworks, and Licensing

- Legal foundations of telecommunications regulation

- Establishing independent and effective regulatory authorities
- Licensing and authorization regimes
- Fixed, mobile, and service-based licensing models
- Universal service obligations
- Market liberalization and privatization strategies
- Case study on licensing and regulatory governance

Day 3: Competition Policy, Interconnection, and Tariff Regulation

- Promoting fair competition in telecommunications markets
- Anti-monopoly and anti-collusion regulatory measures
- Market dominance and regulatory remedies
- Interconnection and access regulation
- Cost-based pricing and tariff regulation models
- Roaming regulation and benchmarking practices
- Case study on competition in mobile markets

Day 4: Spectrum Management, Consumer Protection, and Quality of Service

- Spectrum allocation, assignment, and planning
- Auctions, spectrum trading, and efficiency considerations
- Spectrum challenges for 5G and future technologies
- Consumer rights and regulatory protection mechanisms
- Quality of service standards and performance indicators
- Data protection and privacy in telecommunications
- Complaint handling and enforcement mechanisms

Day 5: Emerging Technologies, International Cooperation, and Practical Application

- Regulatory challenges of 5G, Internet of Things, and satellite services
- Regulation of digital platforms and over-the-top services
- Cybersecurity within telecommunications regulation
- International and regional regulatory cooperation frameworks
- Policy harmonization and cross-border coordination
- Practical workshop: Designing a comprehensive telecom regulatory framework
- Simulation exercise and action planning

Why Attend This Course: Wins & Losses!

- A complete and integrated understanding of telecommunications regulation
- Practical expertise in competition policy, licensing, and spectrum management
- Strong analytical skills for regulatory decision-making
- The ability to address regulatory challenges posed by emerging technologies
- Enhanced confidence in applying international regulatory best practices
- Practical experience through case studies and regulatory simulations

Conclusion

The Regulation in the Telecommunications Sector program offers a concentrated yet comprehensive learning experience that captures the full depth of a traditional ten-day course within a five-day intensive format. It equips participants with both strategic insight and practical tools to navigate the complex regulatory landscape of modern telecommunications markets.

In an industry defined by constant technological and commercial change, mastering regulatory frameworks is no longer optional—it is essential. This program empowers professionals to design, evaluate, and implement effective regulatory policies that promote fair competition, protect consumers, and support innovation and sustainable growth in the telecommunications sector.

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