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016: Emerging Trends in Telecommunications Regulations - 6.0 CEUs

CEU: 6.0 **Duration:** 18hours 50minutes **Tuition:** $5,700



Teachers:

- Shirley Crews (Taylor, Management Consultant and OD Professional Licensed Executive Coach)
- Dr. Anthony Rodriguez (Texas Southern University)

Course Topics:

- Regulation Managers
- Managers & Leaders

Program Locations & Dates:

- Houston, TX USA: May 4-8
- Amsterdam, Netherland: Aug 3-7
- Paris, France: Sep 7-11
- Houston, TX USA: Oct 5-9

Program Tags:

- Telecommunication

About Course

This course on Emerging Trends in Telecommunications Regulations equips regulatory professionals, policymakers, and telecom executives with modern strategies for governing the rapidly evolving telecommunications landscape. It covers licensing frameworks, spectrum management, interconnection policy, universal access, and the regulatory implications of new technologies such as mobile broadband, VoIP, and WIMAX.

Course Overview

In this course, participants will learn the key elements to promote sound competition in the telecommunications sector; review the key determinants for effective network interconnectivity, licenses, universal access, and spectrum management; and develop planning tools for enforcing regulation and dispute resolution. The seminar provides exposure to the key “emerging” elements to effectively regulate and license competition in the telecommunications sector. Learn the impact of mobile wireless, 3G, broadband, VoIP and WIMAX on current regulations.

Learn the key network interconnection strategies for better clarity on service and pricing requirements. Learn how to create universal access plans and funding mechanisms. Learn the elements of spectrum management, allocation, and auctioning. Learn

about special topics, including convergence, WTO, and dispute resolution mechanisms.

Develop your own telecommunications reform Action Plan for your regulatory body, utility, ministry, or service provider. Use your new laptop computer for Internet research, access to course materials during and after the course, case study analysis, simulation exercises, and to create your Action Plan. Network and build professional relationships with your fellow participants and leading telecommunications regulatory specialists, utility officials, attorneys, and service providers from around the world.

Course Objectives

This course aims to empower regulatory professionals and telecom leaders to:

- Strengthen regulatory frameworks that encourage fair competition in telecommunications
- Understand the policy tools for spectrum allocation and universal access
- Manage interconnection and pricing agreements with clarity and legal precision
- Apply modern approaches to dispute resolution in telecom settings
- Prepare and present a national or organizational telecommunications reform Action Plan

Learning Outcomes

- Evaluate telecommunications licensing models across technologies and jurisdictions
- Analyze and apply interconnection strategies for pricing and access efficiency
- Design universal access programs and funding mechanisms to bridge the digital divide
- Develop regulatory strategies for emerging technologies such as VoIP, mobile broadband, and WIMAX
- Create a comprehensive telecom reform plan using research, simulations, and practical case studies

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Course Outline

- Next Generation Telecommunication Competition Policies and Licensing Requirements
- Regulating mobile wireless, WLL, 3G, mobile broadband, GSM, WIFI, CDMA, VoIP, WIMAX, and satellite
- Licensing frameworks for radio, television, wireless (data, voice, and multimedia), and satellite services
- Pricing regulations and tariff modeling techniques
- Network Interconnection Strategies and Techniques
- Universal Access Planning, Investment and Funding Mechanisms
- Spectrum Management Regulation for Mobile Operators
- Special Topics: Convergence, WTO principles, and Telecom Dispute Resolution Mechanisms
- Simulation Exercise: Drafting a National Telecommunications Reform Action Plan

Why This Course Matters

Naomi Chirwa
Telecom Policy Analyst, Zambia
"The course helped us reshape our interconnection strategy to align with modern spectrum policies. It's very practical and timely."

Andrés Molina
ICT Regulator, Chile
"This course gave me insight into crafting balanced licensing regulations for emerging technologies like VoIP and WIMAX. Highly recommended."

Ravi Kumar
Telecom Consultant, India
"With the pace of telecom innovation, this course was exactly what we needed to stay ahead of regulatory trends."

Course Content

Module 1: Regulatory Frameworks in Telecommunications
Understand modern regulatory policies that foster competition and market fairness.

- **Introduction to telecom competition policies**
- **Licensing regimes and global best practices**
- **Emerging regulatory trends**

Module 2: Interconnection and Pricing Strategies
Explore network interconnection and pricing regulation for fair access.

- **Interconnection techniques and standards**
- **Pricing regulations and tariff modeling**
- **Service-level agreements and enforcement**

Module 3: Spectrum Management and Emerging Technologies
Gain tools to manage and allocate spectrum amidst rapid technological change.

- **Spectrum allocation and auction design**
- **Regulating 3G, 4G, 5G, VoIP, and WIMAX**
- **Technology neutrality and policy challenges**

Module 4: Universal Access and Inclusion Strategies
Design frameworks for universal access and rural connectivity.

- **Universal service funds and access plans**
- **Digital inclusion policies and ICT strategies**
- **Case studies in underserved regions**

Module 5: Convergence, Dispute Resolution, and Reform Planning
Resolve telecom conflicts and prepare actionable reform strategies.

- **Convergence of telecom, IT, and media**
- **WTO principles and cross-border regulation**
- **Telecom reform Action Plan development**

Target Audience

Deputy Managers, Managers, Directors and Key Staff of Regulatory Authorities, Agencies, and Commissions; Communication Ministry Officials; Telecommunication and ICT Enterprise and Utility Managers; Telecommunication Economists, Financial Analysts, Accountants, Managers and Lawyers; Finance and Investment Officials responsible for investment promotion; Staff of Bilateral and International Organizations.

Certificate of Completion

Upon successful completion of the course **"Emerging Trends in Telecommunications Regulations"**, participants will be awarded a Certificate of Completion. This certificate affirms their expertise in current telecom regulatory practices and their preparedness to lead reform initiatives, implement spectrum strategies, and design inclusive policies that respond to rapid technological change. It serves as a mark of distinction for professionals shaping the future of telecommunications.

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