

# NEXT GENERATION ISSUES FOR TELECOMMUNICATIONS REGULATION

## A TRAINING COURSE

Washington, DC  
December 6 - 17, 2010



**ALL COURSE PARTICIPANTS RECEIVE A LAPTOP COMPUTER!**

### COURSE HIGHLIGHTS:

- Learn the key “next generation” 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
- Network and build professional relations with your fellow participants and leading telecommunication regulatory specialists, utility officials, attorneys, and service providers from around the world

### REGISTER ONLINE!

[www.ip3.org](http://www.ip3.org)

*“Changes in today’s telecommunications industry are rapid and far reaching, affecting consumers of wireless, land, and Internet services alike. It is imperative that the appropriate regulations are in place to ensure fair competition and consumer protection, while at the same time allowing for this dynamic growth to take place. Take this course to ensure you are ready to face these ‘next generation’ challenges.”*

*Tommy White  
Director  
IP3*

Course Sponsor



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# COURSE LEARNING OBJECTIVES

The global telecommunications industry is characterized by constant change. Public and private telecommunications enterprises have to meet ever demanding public needs while providing service at reasonable cost. 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.

Through presentations by expert instructors, site visits, and simulation exercises, participants will be better prepared to plan and execute strategies to unbundle, negotiate and regulate large-scale telecommunications and information technology transactions in their own countries.

## COURSE CONTENT

### Module I: Next Generation Telecommunication Competition Policies and Licensing Requirements

- Regulating next-generation communications: mobile wireless, WLL, 3G, mobile broadband, GSM, WIFI, CDMA, VoIP, WIMAX and satellite
- Determining the licensing needs of the various services: radio, television, wireless (data, voice, and multimedia - VoIP and WiMax), and satellite
- Pricing regulations and tariff modeling

### Module II: Network Interconnection Strategies and Techniques

- Developing or upgrading guidelines and rules on network interconnection
- Determining national, regional, and international roaming market structures
- Determining what rights and obligations apply for interconnectivity and interoperability
- Developing a pricing structure

### Module III: Universal Access Planning and Investment

- Developing a universal access policy
- Connecting rural communities through universal access programs
- Licensing as a strategy to rapidly expand mobile communications and broadband access
- Creating a universal service fund for rural Internet and communication development

### Module IV: Spectrum Management Regulation for Mobile Operators

- Economic and tariff issues in spectrum management
- Frequency spectrum auctioning, pricing and efficient resource allocation
- Understanding and complying with ITU specifications and licensing recommendations

### Module V: Special Topics in Telecommunications and Information Technology Regulation

- Internet Protocol (IP) Multimedia Subsystems architectural framework integration
- Convergence of broadcast and mobile technology
- Developing incentives to increase Internet access and expand broadband
- Forms and methods of compliance with WTO Agreement on basic telecommunications
- Developing dispute resolution methods

### Module VI: Site Visits

### Module VII: Action Planning

## WHO SHOULD ATTEND

Commissioners, Directors and Key Staff of Regulatory Authorities, Agencies and Commissions  
Communications 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 Multilateral International Organizations

## DATE, LOCATION & COST

**DATES:** DECEMBER 6-17, 2010  
**LOCATION:** WASHINGTON, DC  
**TUITION:** \$4,750  
**COURSE CODE:** 1037-WA  
**CEUs EARNED:** 6.0 CEUs

## TECHNOLOGY AND LEARNING AT IP<sub>3</sub>

Since our founding, IP<sub>3</sub> has proudly recognized the importance of technology in our capacity building programs. We have provided thousands of participants with laptop computers and relevant software packages which have been integrated into computer-based problem/case study solving exercises; simulated financial, economic, and legal modeling sessions; Internet-based research activities; communication tools; and Action Planning programming. In this course, each participant will receive a new mobile Intel® Pentium® 4 or Celeron® laptop computer to take advantage of this integration of learning technologies offered during the course and after their return to the office.

## INSTITUTE FOR PUBLIC-PRIVATE PARTNERSHIPS

The Institute for Public-Private Partnerships (IP<sub>3</sub>) is an international training and consulting entity that focuses on advancing public-private partnership programs and opportunities, regulation operations and management initiatives, and competitive utility management reform in the environmental (waste/sanitation and solid waste), energy, transportation, technology, municipal service, health, and education sectors. Since 1994, we have trained over 30,000 professionals from over 150 countries worldwide.

### For More Information and to Register:

THE INSTITUTE FOR PUBLIC-PRIVATE PARTNERSHIPS (IP<sub>3</sub>)

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