



GROUP ON CAPACITY BUILDING INITIATIVE  
30 April – 1 May 2012

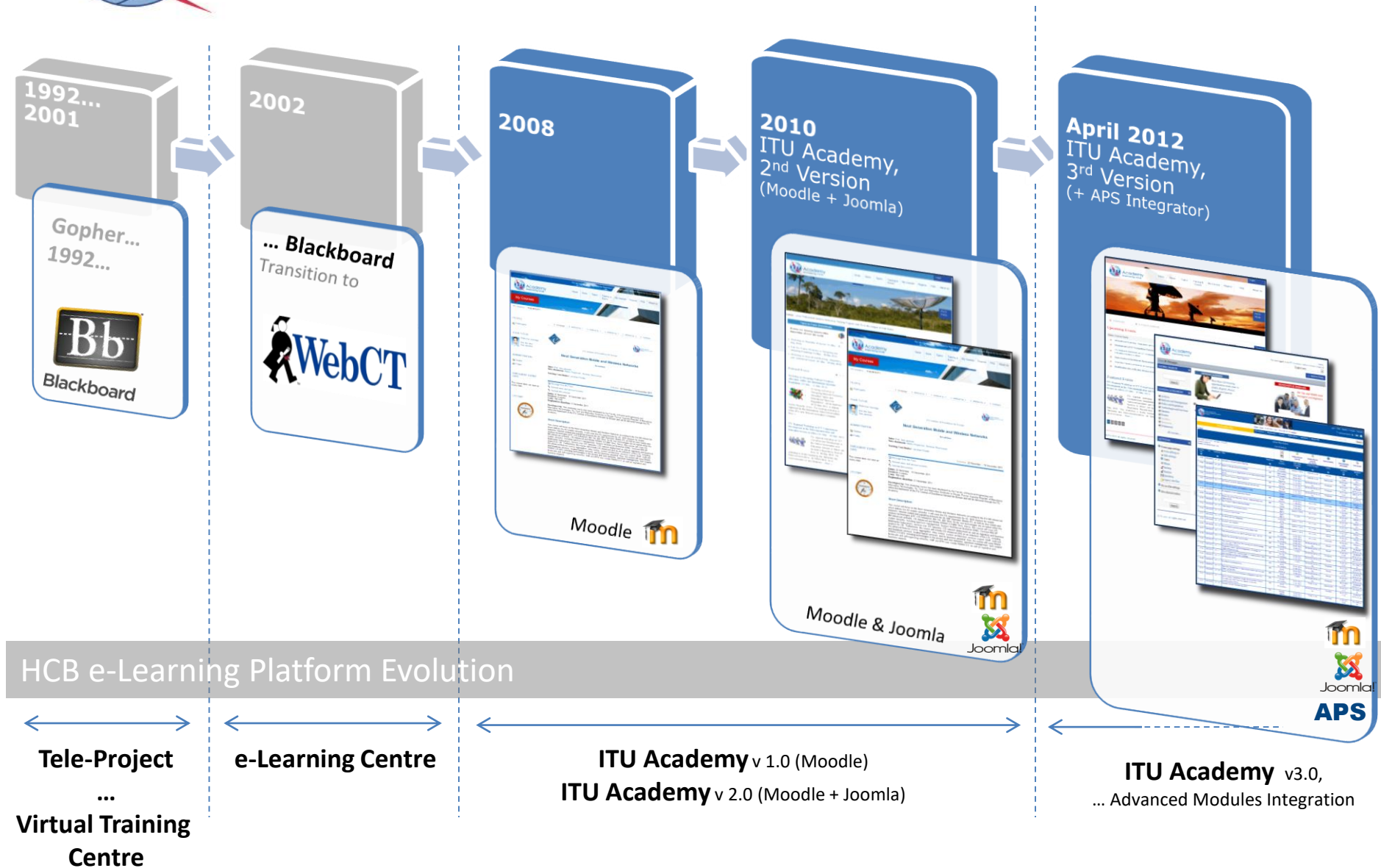
Boris Williams

- Historical Background
- Definition
- Structure
- Feature





# Academy Historical Background

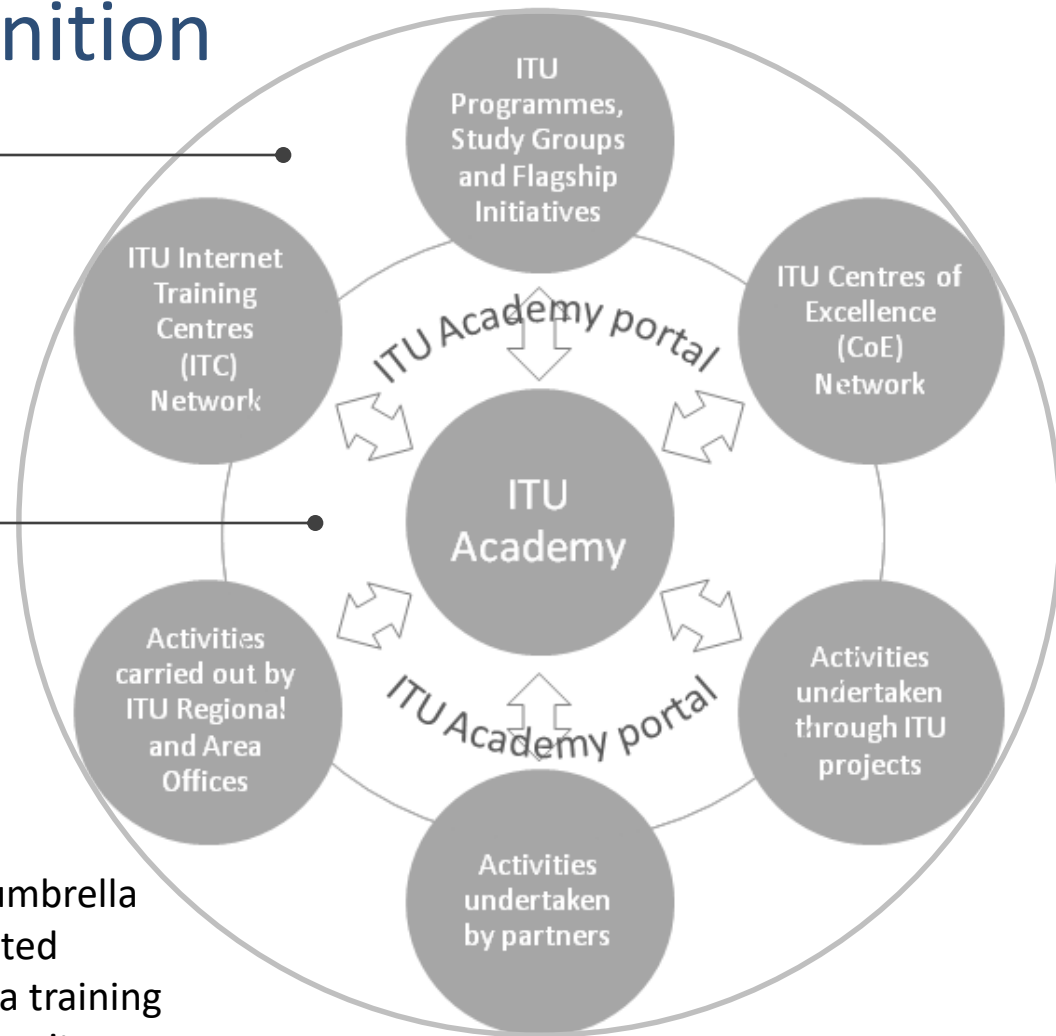




# Academy Definition

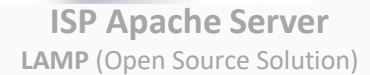
Strategic Level

Operational Level



## Definition:

ITU Academy is a platform that serves as an umbrella framework which is supported by sophisticated applications, that overall work to carry out training interventions, designed to implement the capacity building programs over all different regions as a key element for the development of telecommunications throughout the globe. ( Put definition on a separate slide. Needs to be reworded. I have a draft for you at [link](#) )



## Home page...



The screenshot shows the ITU Academy website with the following elements:

- Navigation Bar:** Home, News, Topics, Training & Events, My Courses, Regions, FAQ, About Us. A "Login" link is in the top right corner.
- Main Content Area:**
  - List of Events:** A callout points to the "List of Events" section.
  - Courses Learning Management System (Moodle):** A callout points to the "Courses" section.
- Upcoming Events:** A red callout points to the "Upcoming 6 Events" section, which displays a table of events.
 

Status	Course Name	Start Date
WORKSHOP	International Roaming - Regulatory and Policy Issues	07.05.12
WORKSHOP	Development of ICT Competence Frameworks for Teachers	09.05.12
WORKSHOP	Atelier Régional sur le développement des télécommunications/TIC et de l'économie numérique	14.05.12
WORKSHOP	Open Access to the Internet: Reasonable Network Management and Business Models	14.05.12
WORKSHOP	Train-the-Trainers workshop on Designing and Delivering E-learning	14.05.12
WORKSHOP	Modélisation des coûts des réseaux et services orientés vers les NGN	14.05.12
- Featured Events:** A red callout points to the "Featured Events" section, which highlights the "Designing and Delivering E-learning" workshop (14 May - 18 May 2012).
- Featured News:** A red callout points to the "Featured News" section, which highlights the "Network Technologies in New Delhi" workshop.
- Translation:** A red callout points to the "Translation" section, which includes a language selection dropdown and a world map for activities by region.

**Page Footer:** © ITU 2011 all rights reserved. Contact for this page: ITU Academy Support





# Training & Events...

Huge administrative task to keep training courses up to date with supporting materials

Requires close cooperation with regional HCB coordinators

A screenshot of the ITU Academy website's "Training & Events" page. The page has a blue header with the ITU Academy logo and navigation links: Home, News, Topics, Training & Events, My Courses, Regions, FAQ, and About Us. Below the header is a red banner with the text "ITU Academy - Training & Events". The main content area is titled "Training & Events" and contains a table of upcoming training and events. The table has columns for Code, Title, Region, Country, and Start Date. The table lists 20 training events, each with a unique code, title, region, country, and start date. The page also features a search bar, a language selection dropdown, and a world map showing activities by region. The page is framed by a red border.

Home News Topics Training & Events My Courses Regions FAQ About Us

ITU Academy - Training & Events

ITU Academy is intended to assist developing countries by making available ICT education training and development opportunities at the highest possible levels of quality.

Home Training & Events Training & Events

Training & Events

UPCOMING TRAINING & EVENTS WORKSHOP DISTANCE LEARNING PAST TRAINING & EVENTS

Code	Title	Region	Country	Start Date
12DL12897ARB-E	Telecom policies and Regulations	MUL	ITU Academy	25.11.12
12WS12912ASP-E	New Value Chain in Mobile Application Services	ASP	Viet Nam	22.11.12
12DL12255ASP-E	Universal Access to Broadband	MUL	ITU Academy	05.11.12
12WS12845AFE-E	Strategic Account Management	AFR	South Africa	04.11.12
12WS12846AFE-E	Network Security	AFR	Uganda	04.11.12
12WS12895TBD-E	Conformity Assessment	ARB	Tunisia	01.11.12
12WS12270CIS-R	Organization of Work with Personal Data	CIS	Russian Federation	01.11.12
12WS12867CIS-R	Interconnect-Regulation of Internetworking of Telecom Providers: best practices and prospects	CIS	Kazakhstan	25.10.12
12WS12889LSP-P	Universal Access and Services and Financing	AFR	Cape Verde	24.10.12
12WS12863AFE-E	Regulatory Challenges of Value Added Services	AFR	Kenya	22.10.12
12WS12888LSP-P	Quality of Services (QOS)	AFR	Mozambique	17.10.12
12WS12860AFF-F	Convergence Fixe Mobile et les Réseaux de la 4ème Génération	AFR	Togo	15.10.12
12WS12154TBD-E	Value added ICT for Business Sector	ARB	Algeria	01.10.12
12WS12862AFE-E	Management Service and Pricing	AFR	Uganda	01.10.12
12DL12914ASP-E	Digital Media Broadcasting Technologies	MUL	ITU Academy	01.10.12
12WS12911TBD-E	Developing Creative Content for Rural Community	ASP	Malaysia	24.09.12
12DL12896ARB-E	Connectivity in rural area	MUL	ITU Academy	11.09.12
12WS12857AFE-E	Communications par Satellite (ITSO)	AFR	Togo	10.09.12
12WS12887LSP-P	Monitoring and Supervision	AFR	Sao Tome and Principe	03.09.12
12WS12907TBD-E	Wireless Broadband Network Planning	ASP	Thailand	01.09.12

1/3 20

search... Search

Select your language

Select Language

Activities By Region

More info...



# TOPICS...

Knowledge resources, video, news, courses, blogs...

Building knowledge management platform which allows recycling of training materials

Intend to continue to build out topic areas

Requires ongoing help from ITU Subject Matter Experts

Home

News

Topics

Training & Events

My Courses

Regions

FAQ

About Us

ITU Academy

empowering minds

ITU Academy is intended to assist developing countries by making available ICT education training and development opportunities at the highest possible levels of quality.

Home

Topics

What is IPTV?

Internet Protocol Television (IPTV) delivers multimedia content to a home entertainment system over an IP-based packet network (broadband connection using Internet protocols). In addition to providing traditional broadcast TV, IPTV can provide 2-way interactive services. IPTV is typically bundled with other services like non-linear video services such as Video on Demand (VOD), voice over IP (VOIP) or digital phone, and internet access.

ITU Interoperability Event on IPTV - G.

by futelecommunication

0:40 / 7:35

IPTV definition

ITU-T defines IPTV as multimedia services such as television/video/audio/text/graphics/data delivered over IP-based networks managed to support the required level of quality of service (QoS)/ quality of experience (QoE), security, interactivity and reliability. The definition of IPTV services encompasses not only simple TV services but also services that involve a combination of communication and video delivery, such as interactive advertising, video telephony, and email services. Among the wide variety of IPTV services, studies target the provision of IPTV basic services in the form of linear TV (ordinary broadcast-type services) and video on demand (VoD). A set of Recommendations for the provision of IPTV basic services over Next Generation Networks (NGN) has been established as Recommendation Y.2007 (NGN Capability).

IPTV changing television

With television moving from a one-way channel towards digital, two-way networks, a new time and place-shifted, interactive and personalized experience has changed TV. Viewing habits and web experiences are merging, and people are using search engines to find the content they want and then just click on it. Viewers are already participating in programming and content production which is increasingly also making watching TV an individual and personalized experience. Interactivity, along with content, is now a driving force. The future will entail watching TV anywhere – on all types and sizes of screens – a new mass market for TV programming, advertising, interactive games and other services. As such IPTV presents new opportunities and challenges for the industry. The future of TV will most likely allow for a multitude of new competitors and business models.

With IPTV the user can select non-linear video services such as Video on Demand (VoD) content and watch a movie at his or her convenience and pace rather than at a broadcast scheduled time (linear video). Extensions to the IPTV experience are bringing a new dimension to TV watching from the traditional "lean back and watch" to enabling "lean forward and interact" services to engage the user. The 2-way features of IPTV include camera selection while watching sporting events; interactive voting during televised debates, gaming and interaction with advertisements. By pressing a button on the TV remote a user can click to request additional information on a product being advertised which provides a direct connection to the advertiser. Users can watch broadcast (linear TV), VoD or use a personal video recorder (PVR) to watch at a later time. The features work not only on traditional Standard Definition TV (SDTV) and High Definition TV (HDTV) sets but also on computers and mobile phones. Thus the content shared can be from traditional broadcast stations but since IPTV is based upon the Internet Protocol (IPv4 or IPv6), Content Distribution Networks (CDN) and small community network stations can provide content from all over the world. As IPTV expands to incorporate thousands of external content sources with different attributes, the IPTV ecosystem moves from a provider managed network and service to also providing support of un-managed content and in-house networks.

IPTV and Internet TV

The "Open Internet" via a broadband connection is, in principle, capable of providing the same kind of services as IPTV, such as VoD, TV channels, interactive content etc. However, Open Internet services are usually provided on a "best effort" basis. This is in some ways similar to the motor car highway, which can be subject to congestion when traffic is heavy. An IPTV network provides greater certainty of quality, and operating it may be more 'user friendly'. However, the use of the Open Internet may be less expensive for users. There are currently many Open Internet systems being developed, and thus market fragmentation may limit the success of such systems. This is in some ways similar to IPTV past where standards fragmentation slowed down take up. The market itself may create winners and losers, but it is still too early to tell. Thus, in the future, Internet TV may be a competitor to IPTV, but equally such services may be included in a bundle of IPTV services.

search...

Search

Select your language

Select Language

Activities By Region

World Map

More info...

Related Events

Workshop on Transition From Analog to Digital

Workshop On Digital TV

Distance Learning on Internet Governance - Processes, Topics and Institutions for Americas

More...

Related News

ITU Successfully Hosts Workshop on Converged IP Network Technologies in New Delhi, India.

Workshop on Advanced Internet Technologies for Europe Successfully Held

Related Topics


IPTV

IPv6



# MOODLE

Access to the courses...



You are logged in as ITU Academy Administrator (Logout)

English (en)

[<< Back to Home](#)

[Home](#) > [Site pages](#)

### GLOBAL SEARCH

### COURSE CATEGORIES


- Archive
- Business and Management
- Policy and Regulation
- Technologies and Services
- Events
- SandBox
- Resources
- [Unknown]

[All courses ...](#)

### SETTINGS


- Front page settings
  - Turn editing on
  - Edit settings
- Users
- Filters
- Backup
- Restore
- Questions
- Legacy site files
- My profile settings
- Site administration

### DISTANCE LEARNING



More than 150 training opportunities every year, in Arabic, English, French, Russian and Spanish.

### WORKSHOPS & SEMINARS



For Top and Middle-level managers and engineers.

### Frequently Asked Questions

### upcoming events

Status ID	Course Name	Start Date
12WS12000ASP-E	International Roaming - Regulatory and Commercial Issues	06.05.12
12WS12148ARB-EF	Development of ICT Competition Policies	08.05.12
12WS12842AFF-F	Modélisation des coûts des réseaux et services orientés vers les NGN	13.05.12
12WS12880LSF-P	Open Access to the Internet: Regulation and Business Models	13.05.12
12WS12796AFR-E	Atelier Régional sur le développement de compétences en TIC dans les secteurs des télécommunications/TIC et de l'Education pour les Pays d'Afrique	13.05.12
12WS12879LSF-S	Train-the-Trainers workshop on Designing and Delivering E-learning	14.05.12
12WS12904ASP-E	Designing National Frequency Allocation Tables and International Spectrum Regulations	19.05.12
12WS12706AMS-E	Train the Trainer - Teaching in a distance learning ICT environment	31.05.12
12DL12177AMS-S	Telecommunications over electrical Power Lines - PLT V2	03.06.12
12DL12182AMS-E	Integrated Human Capital Management: A Strategy for Organizational Success	03.06.12

1 2 3 4 5 6 Next >

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