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Certificate in Telecomms Policy, Regulation & Management 2012
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*Are competitive markets in electronic communications emerging in Africa?
 What are the key current issues for ICT sector policy and regulation?
 Where is Internet governance going in 2012? How do we make ex-ante
 regulation for the digital economy? How do we harness the value of the
 new undersea cable ecosystem for socio-economic development?*

Please forward to colleagues who might benefit from attending...

The 2012 offering of this highly-acclaimed, accredited course, commences on 14 May 2012.

Comprising three week-long modules spread over May, June and July of 2012, this intensive, comprehensive programme will equip you to with the professional development expertise to engage with policy and regulation in the ICT sector.

Contact Kamentha Govender (+ 27 11 717-4595 or Kamentha.Govender@wits.ac.za) to book your place. Or just visit our website at <http://link.wits.ac.za/training/tc1.html>.

The LINK Centre's Certificate in Telecommunications Policy, Regulation and Management will give you an in-depth understanding of these issues - and more. Spread over three week-long sessions between May and July 2012, the skilled and experienced staff of the LINK Centre, University of Witwatersrand, supported by guest lecturers and industry practitioners, each expert in their fields, will help you analyse and get to grips with the electronic communications landscape.

Significance

The certificated course is designed to address the constantly evolving issues and concerns inherent in the dynamic and fast-paced electronic communications sector in Southern Africa and on the African continent. Changes are driven by rapidly growing demand for Internet-based content and therefore for broadband access at the household level, in the economy, in schools and universities, in urban and rural areas. A paradigm shift is therefore needed in policy and regulation as it pertains to e-development in 21st century African economies. Changes are occurring in the broadband ecosystem and in electronic communications markets, including in the undersea cable and terrestrial fibre

markets, in the market for spectrum and other historically scarce resources. Globalisation of knowledge and convergence in markets has intensified the challenge to remain informed of current developments, trends and practices in policy and regulation.

Who should attend?

This course is vital to an understanding of both the present and the future of the electronic communications sector, and should be attended by decision-makers, researchers and professionals in the electronic communications sector, including those working in government policy departments, national and regional regulatory authorities, regulatory departments of electronic communications operators, electronic communications service providers, lawyers, consultants, journalists, union officials and NGOs involved in telecommunications, broadcasting and the Internet.

Objectives

By the end of the course, the successful student will be able to:

- describe the structure and process of policy formulation, legislation and regulatory practice in South Africa and various African countries;
- demonstrate an understanding of the relevant theory that applies to the policy and regulatory environment for the electronic communications and broadcasting sectors;
- demonstrate an understanding of the innovations in information and communications technologies and the implications for policy and regulation that arise from such innovation;
- understand the essential drivers of sector reform locally and internationally, including the impact of globalisation and convergence;
- critically analyse the electronic communications environment in any chosen African country with reference to theories, international models and best practice approaches.

Content Overview

A Certificate in Telecommunications Policy, Regulation and Management at NQF level 6 is awarded to candidates who attend a total of three modules (120 hours) and who successfully complete the required individual and group assignments. The syllabus outline set out below is subject to change to keep abreast of developments in the sector. Detailed outlines for individual modules as delivered in 2011, giving session titles, outcomes and required and recommended readings, are available on the LINK Centre website via <http://link.wits.ac.za/training/tc1.html>.

Module 1: Technologies and Markets

- Evolution of basic electronic communications technologies: the PSTN and its underlying technologies, digitisation, transmission, switching, next-generation networks;
- Wireless communications: fixed and mobile wireless, WLL, GSM, 3G, CDMA, satellite, WiFi, WiMax, LTE, Bluetooth, mobile broadband;
- Numbering and numbering plans, number portability, carrier pre-select, eNum;
- Spectrum planning and management, and the assignment of frequency;
- Signal distribution, digital and analogue broadcasting technologies;
- Internet, VoIP, VANS and the NGN;

- Electronic communications markets in South Africa and Africa: status, performance and trends;
- Broadcasting market trends, drivers and the migration to digital broadcasting ;
- Internet and broadband market trends, developments and drivers;
- Convergence, multimedia, the NGN and the future of communications.

Module 2: International Telecommunications Trends, Organisations and Developments

- Globalisation, the knowledge economy and e-development;
- Global trends in regulatory reform: liberalisation, privatisation, ICT regulation in a converging environment;
- Global e-governance structures, institutions and obligations: WTO, GATS, World Bank, ITU, WIPO, ICANN;
- Regional regulation of electronic communications: ATU, SATCC, CRASA, NEPAD;
- ICTs and development – the digital divide, ICT and gender, ICT and labour, ICT4E and other ICT4D concerns;
- ICT development initiatives and institutions (GK, dotForce, UN ICT TT, WSIS, Measuring the Information Society);
- Universal access and service.

Module 3: Telecommunications and Broadcasting Policy, Law and Regulation

- Overview of ICT sector reform;
- Electronic communications sector policy and regulation: rationales, principles and approaches;
- Relevance of constitutional and administrative law;
- Competition law for the electronic communications and broadcasting sectors;
- Legislative, regulatory and institutional frameworks governing electronic communications and broadcasting in South Africa and selected African countries;
- Licensing: the objectives, typology, procedures, content and monitoring of licences;
- Interconnection, facilities leasing, infrastructure sharing and local loop unbundling: principles, law and regulation;
- Pricing and tariff regulation;
- Quality of service and consumer protection.

Methodology

An interactive and intensive teaching methodology is used, comprised of several learning methods, including lectures, syndicate group work, case studies, structured learning group discussions and presentations from local and international experts in the field. In this way participants will develop a strong practical focus directly applicable to their own institutions.

The course is evaluated via one individual and two group assignments. Group assignments are professionally presented by the group. External examiners are drawn from the academic and practitioner community.

Fees

R 25 000 per participant for the full course (excluding VAT).

The fee includes tuition, course packs and instructional materials, and lunches and refreshments. Individual modules may be taken on their own as executive courses at a fee of R 12 000 per module per participant (excluding VAT). A small fee discount is available for bulk enrolments.

Schedule 2012

TPRM 2012 is a block release course divided into three modules, each running for one week, spread over three months. Participants may attend individual modules as stand-alone executive courses.

Certificate in Telecommunications Policy, Regulation & Management		
Module	Title	Dates
Module 1:	ICT Technologies and Markets	14 – 18 May, 09:00 - 17:00
Module 2:	International ICT Trends, Organisations and Developments	18 – 22 June, 09:00 - 17:00
Module 3:	Telecommunications and Broadcasting Policy, Law and Regulation	23 – 27 July, 09:00 - 17:00

Venue

All lectures are held at the Wits Professional Development Hub (pdh), cnr Empire Road & Jan Smuts Ave (entrance Empire Road), Milpark. Lectures run daily from 09:00 to 17:00 with breaks for lunch and teas.

Directions and a map are available via <http://link.wits.ac.za/training/pdh-map-directions.pdf>. Participants needing accommodation (for own account) in the vicinity, can access a map with relevant information via <http://link.wits.ac.za/training/tc1.html>.

To Register

Contact Kamentha Govender (+ 27 11 717-4595 or Kamentha.Govender@wits.ac.za) to register or for more information.

Please note: because this course is offered at NOF level 6, you will be required to submit proof of your eligibility by providing a copy of your matriculation certificate or school-leaving certificate if you are from outside South Africa.

About LINK

The LINK Centre is the leading public policy, regulation and management educational body in the area of information and communication in Southern Africa. LINK focuses on capacity building in the public sector and development arenas through quality training, applied research and consultancy services necessary to maximise the benefits of the Information Society and the Knowledge Economy. Visit the LINK website at <http://link.wits.ac.za> for more information.

Information

The course web page is available at <http://link.wits.ac.za/training/tc1.html>.

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