

Base Beca

Ofrecimiento N°: 11390

Curso: The ABC of Telecommunications

Descripción:

ABOUT THE PROGRAM

1. Modality of the course: Online

2. Start and end dates of the course: 1 October 2013 to 1 December, 2013

3. Course duration: Self-paced online course expected to take 20-30 hours of online study.

4. Language of instruction: English

5. Coordinator of the course:

Mrs. Hélène Duran, e-mail: hduran@neotelis.com

6. Course Objectives:

- Present an integrated view of the telecommunications industry and its ecosystem
- Provide the key fundamental concepts of telecommunications networks and technologies
- Decode the language of telecommunications
- Review key current issues and trends in telecommunications and look to what the future holds in this exciting and rapidly-changing industry

7. Course Content:

-Module 1: Evolution of telecommunications technologies

-Module 2: Voice is king - Developing the Public Switched Telephone Network (PSTN)

-Associated technical concepts

?Transmission

?Switching

?Numbering

?Signalling

?Dedicated lines

?CPE

?Analog vs. Digital

-Module 3: The rise of data - Developing the Public Switched Data Network (PSDN)

-Associated technical concepts

-X.25/X.75

-Frame relay (FR)

-Asynchronous Transfer Mode (ATM)

- Module 4: Wireless gives wings for mobility - Developing the Public Land Mobile Network (PLMN)

-Associated technical concepts

-Antennas and towers

-2G, 3G, 4G mobile and beyond

- Wireless Personal Area Networks (WPAN)
- Roaming
- Module 5: The revolution - TCP/IP and the Internet
 - Associated technical concepts
- OSI & TCP/IP models
- Addressing
- Special services supporting IP
- Module 6: ?A new world ? Convergence? - Developing the NGN (part 1)
 - VoIP
 - Signalling
 - Numbering/addressing
 - Quality of Service (QoS)
 - Security
 - IP internetworking
- Module 7: A new world Convergence - Developing the NGN (part 2)
 - Broadband The new king on the block
 - Convergence All services on one network
 - Devices
 - Innovative services and application
 - *Triple and quadruple plays
 - *Mobile content services
 - *Television
 - *Other services
- Module 8: Industry structure ? Key participants
 - Policy-making, regulation and operation
 - Governments and regulators
 - Operators and service providers
 - Other participants
 - *Equipment manufacturers
 - *Businesses and consumers
 - *Telecommunication standards organizations
- Module 9: Industry outlook
 - Current hot issues
 - Major drivers
 - Global market evolution and trends
 - Challenges, impacts and opportunities in the telecommunications industry
 - The future of telecommunications

Disciplinas: INDUSTRIA
CIENCIA. INVESTIGACION. METODOLOGIA.

Fuente: O.E.A.

País: Uruguay

Ciudad: A distancia

Duración desde: 01/10/13 Duración hasta: 01/12/13 Fecha límite solicitud: 27/08/13

Idioma: English

Beneficios:

OAS/CITEL will pay US\$ 200.00, Neotelis will pay US\$ 200.00 and the Scholarship recipient will pay US\$ 200.00. The registration fee to the course for scholarship recipients will be of US\$ 600.00

Requisitos: ELIGIBILITY REQUIREMENTS:

- 1) Be a citizen or permanent resident of Uruguay
- 2) Participant profile: At least two (2) years of telecommunication/ICT experience working for an operator or a regulator
Participants should have at least Bachelors degree in Administration, Commerce, Economics, Engineering, Law or Science
- 3) To be considered for admission, scores must be submitted from either the Test of English as a Foreign Language (TOEFL) or the academic International English Language Testing System (IELTS). Exceptions may be made for applicants who hold a degree from a university located in a country in which English is the official language and also the language of instruction at the university. The minimum scores for admission consideration are:
 - Academic IELTS: an overall band score of 6.0 with no individual score below 5.0
 - TOEFL: 550 on paper-based or 80 on Internet-based test

Observaciones:

REQUIRED DOCUMENTS:

- Completed OAS Scholarship Application Form, please selected the course:
<http://www.oas.org/en/scholarships/professionaldev.asp>
- 1. After having read the course information thoroughly, click Continue/Continuar at the end of the page.
- 2. Complete application form.
- 3. After completing application form click Send/Enviar at the end of the page 5.
- 4. A copy of the application form will be sent automatically to your e-mail account.
- 5. Print and sign application form e-mailed to your account.
Submit this documents to the National Liaison Office (AUCI)

Además del formulario de inscripción de OEA deberán traer:

- 1) Formulario de recomendación
- 2) Objetivos de Estudios y Desarrollo/Study and Development Objectives
El formulario de recomendación y el de objetivos de estudio de la oea pueden ser solicitado a becas@auci.gub.uy o descargar en:
http://www.oas.org/es/becas/PDSP/Formularios_becas_PDSP.pdf
- 3) Fotocopia de cédula de identidad,
- 4) Curriculum vitae (en inglés)
- 5) Certificado de conocimiento de idioma inglés
- 6) Fotocopia del título
- 7) Carta de recomendación dirigida a la Agencia Uruguaya de Cooperación Internacional.
- 8) Formulario de becas AUCI (se solicita en becas@auci.gub.uy)

Toda la documentación debe ser traída a la sección becas AUCI (Torre Ejecutiva: Plaza Independencia 710 piso 7 oficina 703 en un original y dos copias