Techno-Economic Analysis for Broadband Networks

Overview
Value analysis studies are an integral part of every strategic marketing and business plan related with new products and services in the ICT industry. They are commonly used to compare important parameters such as capital and operational expenditures (CapEx, OpEx), life-cycle costs, revenue streams, discounted cash flows, and techno-economic evaluation measures such as the net present value (NPV) and the internal rate of return (IRR).

Such studies offer a measurable output and can be used to support the decision making process related with the business or the market that a company should be in, the potential of certain technology solutions, or, the future of internal R&D projects, etc. In this course the methodologies and tools for technology/product planning and value analysis based on techno-economic evaluation measures will be described and analyzed.

Each session is followed by a series of real life and project based case studies for participants to implement value analysis as part of a new ICT product business plan.

Who should attend
This Executive Seminar is addressed to managers/engineers/professional scientists working for operators and equipment manufacturers involved in network, system and subsystem design, operation and maintenance of telecommunications networks as well as business development and strategy planning.

Prerequisites
- No mandatory prerequisites
- Experience in related fields is recommended

Dates & Duration
- February 26, 27, 28, 2014
- 3 days
- 24 teaching hours

Instructors
Course Led by Dr. I. Tomkos, AIT Professor

Training Methodology
- Lecturing and Group discussion
- Project Based Case studies

Course outline
Strategic Technology Planning
- Scenario planning (topology, customers, service bunch profile etc.)
- Technology Foresight and Forecasting
- Market models: Predicting the Market

Business plans and value analysis
- Network planning process: The role of network value analysis
- Cost models
- Case Studies

Methodology for value analysis
- Techno-economic evaluation measures
- Modeling methodology for value analysis: Bottom-up model
- Sensitivity analysis
- Techno-economic evaluation tool: VPI access maker™
- Case Studies concerning Broadband Access Networks

Expression of Interest
execedu@ait.gr please send your contact info, including program title in email subject line

Registration Form

Venue
AIT, Building B7, INTRACOM Campus, 19 km, Markopoulou Av, Peania 190 02
How to Reach AIT: http://www.ait.edu.gr/ait_web_site/how_to_reach_us.jsp

Tuition Fee
Single Participation: 790,00€
This course is also available for in-house training for 4-10 participants @ competitive pricing
OAED funding may reach up to 100%, for more information please contact us.

Discount Policy Cancellation Policy

Contact
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