COURSE OUTLINE:

Module	Topic	Subtopics
Lesson 01	Overview of Frameworx	• Frameworx overview • Core elements • Network Virtualization Basics
Lesson 02	Architecture Models used by Service Providers	• eTOM - Enhanced Telecoms Operations Map • Business Process Modeling • SID (Shared Information and Data) Framework • Telecom Operation Map (TAM) • Integration Framework (TNA) • Input to Enterprise Data Model • Functional Architecture Framework • IT Architecture Framework • System Maps and Local Architecture • Enterprise Architecture using the eTOM and SID • Enterprise Architecture Framework • Target Architecture Roadmaps • Network and Service Management Requirements • Role of NGOSS • Role of eTOM • Impact of SID • eTOM and SID Models • Architect and create links between eTOM and SID • Role of TAM • Role of TNA • NGOSS and SOA Roadmaps • NGOSS and eTOM/ITIL Mapping
Lesson 03	Introduction to NGOSS	• Business processes • Business process flows • Business application contracts • Shared data and information • Reference code and interfaces • NGOSS: Lifecycle • NGOSS: Views - Goals, Policy, Process & Information • NGOSS: Management & Framework Services • NGOSS: Security & Compliancy • NGOSS: Case Study
Lesson 04	Overview of Frameworx	• TM Forum and Frameworx overview • Core elements • Methodology and lifecycle • Frameworx and key components • Business Process Framework (eTOM) • Information Framework (SID) • Integration Framework (TM Forum Interfaces and Business Services)

		• Applications Framework (TAM)Progress
Lesson 05	eTOM	• eTOM Business Process Framework • eTOM in NGOSS • Case Study: Modeling an End-to-end Flow • Using eTOM for Business-to-Business Interaction • Linking eTOM and SID • eTOM in EU Collaborative • eTOM in a Merged Business
Lesson 06	NGOSS and the SID	• Benefits of SID and NGOSS • SID Concepts and Key Definitions • SID as a Framework of Frameworks • SID Objectives • Views of the SID • A business view • A systems view • The SID as an information model Independent of platform, language and protocol • Multiple data models • Entities • Associations • Attribues • Business views and behaviors • SID Framework • SID domains and Aggregate Business Entities (ABE) • Root Business Entities • Business Interaction & Agreement • Customer • SID and eTOM • Using the SID Rational Rose models • Using and Extending the SID • SID Business ViewKey
Lesson 07	Business View of the SID	• Domain-Specific Addenda • Common Business Entities • Addendum • Customer • Product • Service • Resource
Lesson 08	The SID Business Framework	• Product • Market/Sales • Enterprise • Strategic Product • Portfolio Plan • Product Specification • Applied Customer Billing • Rate • Supplier/Partner Performance • Market Strategy and Plan

		· Product Usage Statistic
		· Supplier/Partner Payment
		· Market Segment
		· Product Performance
		· Resource Specification
		· Supplier/Partner Bill Inquiry
Lesson 09	The SID System Framework	· SID Concepts and Principles · Party · Location (Place) · Interaction · Agreement · Calendar · Project · Policy · Customer · Customer Order · Product, Service, Resource · Product Offering · Product · Service · Resource
Lesson 10	The Application Framework	· Business and operations applications · TAM used with the solution framework