Corrigendum	U081
Date	December 17, 2007
Sponsor	IT Specialist Certification (ITSC) Working Group
Document	X074 **IT Specialist Certification: Conformance Requirements** **Version 1.0**
Rationale	During company review of the IT Specialist Certification Conformance Requirements, a substantial change request was submitted to add a new stream for Business Information Management. The ITSC Working Group felt that this was too large a change to be processed as part of the company review and instead submitted the new stream for review as a Corrigendum to ensure it received full member review.

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Change Number	U081/1
Change	In Section 2.4.1, change:

Testing
IT Specialists in this Stream will have expertise in the planning, design, management, execution, and reporting of tests using appropriate testing tools and techniques, and conforming to agreed standards, to ensure that new and amended systems, together with any interfaces, perform as specified together with the business. Typical examples of the deliverables are testing strategies, test plans, test cases, test reports, and quality metrics.

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Business Information Management
IT Specialists in this Stream have expertise in making available, integrating, and optimizing structured and/or unstructured data in order to present or distribute information for use and analysis by the business. Specialties are Business Intelligence and Content Integration. Typical examples of the deliverables are strategy maps, information models (logical, physical, dimensional, etc.), data warehouses, balanced scorecards, and reports.

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Change Number   U081/2

Change   Insert a new Section 3.5.7 as follows:

3.5.7   Business Information Management

IT Specialists in this Stream have expertise in making available, integrating, and optimizing structured and/or unstructured data in order to present or distribute information for use and analysis by the business. Specialties are Business Intelligence (BI) and Content Integration (CI). Typical examples of the deliverables are strategy maps, information models (logical, physical, dimensional, etc.), data warehouses, balanced scorecards, and reports.

Ref	Category	Skill	Description	Required Skill Level: Level 1	Required Skill Level: Level 2
ITSCBI01	Method	Use a Development Methodology	Ability to make effective use of at least one development method relevant to the BIM stream (e.g., RUP, DSDM).	Applied	Deep
ITSCBI02	Strategy	Compare BIM Tools	Advise and support clients (internal or external) with comparison and selection of BIM tools and/or products.	Applied	Deep
ITSCBI03	Strategy	Identify Organizational Change	Identify and communicate the organizational changes needed for the successful implementation of BI or CI systems; for example, new roles, responsibilities, and the new organizational structures required for governance and management.	Applied	Deep
ITSCBI04	Context	Identify Business Process Change	Identify and communicate the changes to business processes needed for the successful implementation of BI or CI systems.	Applied	Deep
ITSCBI05	Technique	Identify Business Requirements	Identify business requirements for a BI or CI system and identify the pros and cons of different technical solutions.	Applied	Deep

Ref	Category	Skill	Description	Required Skill Level: Level 1	Required Skill Level: Level 2
ITSCBI06	Strategy	Understand Concepts for Managing Information	Understand the information lifecycle and have expertise in managing information concepts such as KPI, Dashboard, BPM, Workflow, Collaboration, Search, and Retrieval.	Applied	Deep
ITSCBI07	Tooling	Use ISV Products, Technologies, & Methods	Know and effectively use ECM ISV products, technologies, and methodologies. (Vendors may include IBM, Microsoft, Oracle, Documentum, OpenText, etc.) (CI) Or: Know and effectively use appropriate database design, administration, and management tools for information management solutions. (BI)	Applied	Deep
ITSCBI08	Technique	Use CI or BI-specific Techniques	Effective use of one or more of the (business) classification, access control, and security techniques. (CI) Or: Design Data Warehouse architectures through the effective use of at least one architecture framework. (BI)	Applied	Deep
ITSCBI09	Tooling	Use Storage Models and/or Infrastructure	Effective use of relevant storage models, audit trail, and/or system infrastructure tools to manage an information solution infrastructure.	Applied	Deep

Ref	Category	Skill	Description	Required Skill Level: Level 1	Required Skill Level: Level 2
ITSCBI10	Technique	Design Complex Databases	Design complex databases, using data modeling techniques like ERD, dimensional, and/or data vault modeling.	Applied	Deep
ITSCBI11	Strategy	Expertise with KPIs	Define Key Performance Indicators (KPIs) in collaboration with the decision-makers within an organization.	Applied	Deep
ITSCBI12	Technique	Create and Analyze Information	Expertise in the creation of reports and information analyses, based on KPI data, to meet client requirements.	Deep	Deep
ITSCBI13	Tooling	Use BIM Tools	Effective use of at least one BI or CI-specific tool to meet client needs in data integration, ETL, content ingestion, and/or federation.	Deep	Deep
ITSCBI14	Technique	Manage Performance	Manage performance of information management solution environments to meet clients' needs for high data volumes, (near) real-time loading, and quick analysis results.	Applied	Deep

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