

Course Description

Technical Analysis and Design AMS1061

21-28 PMI Professional Development Units (PDUs)
21-28 IIBA Continuing Development Units (CDUs)
21-28 Education Hours

Overview

Technical Analysis and Design is the sweet spot of knowledge, communication, process, and is key to translating business needs into cost effective IT systems. It encompasses a wide set of skills used to translate business requirements of many types into effective technical designs and technical solutions. Those involved from any perspective in producing technical documentation, configuration, models, alternatives, and solutions must keep up with industry best practices to remain efficient and to keep the organization competitive. We help by presenting best practices, typical and interesting problems, and exercises designed to unlock creativity in applying rote and evolving solutions in a variety of effective ways.



Learning Objectives

- Systems Thinking
- Object Oriented Analysis & Design
- Service Oriented Analysis & Design
- Data Analysis: Timing, Volume, Purposes
- Traceability and Lean Documents
- Identify and Flag for Reuse
- Integration and Interfaces
- Identify & Communicate Risk
- User Interface Design
- Architecture
- Integration and Interfaces
- Design for Testing Overview
- Database Design Overview

Format

This course is highly interactive and adaptive to class interests and needs. A lecture/discussion approach is used and is accompanied by individual and team exercises with team reports.

Duration

4 Days

Who Should Attend

Technical Business Analysts, Data Analysts, Requirements Definition Specialists, Developers, Systems Analysts, Test Engineers, or anyone charged with managing, understanding, and/or improving technical design would benefit from attending this course.