

Course Outline for SSAD

Day 1 - Analysis Introduction

1. Structured Systems Analysis

Why "Structured" Systems Analysis ?

The Structured (Systems) Specification (Document)

The Tools of Structured Analysis

2. Data Flow Diagrams (Flow of Data)

Workshop - Dataflow Diagrams

Day 2 - Analysis (Continued)

3. Processing Specifications (Mini-Specs)

Workshop - Mini-Specs

4. Data Dictionary (Definition of Terms)

Workshop - Data Dictionary

Case Study - Structured Analysis

Workshop - Case Study - Structured Analysis Tools

Day 3 - Design

5. Structured Design

Why "Structured" Systems Design ?

Graphic Tools

6. Tools - The Structure Chart

Workshop - The Structure Chart

7. Qualities of a Good Design

Workshop - Quality Analysis

Case Study - Structured Design

Workshop - Case Study - Structure Design Tools

Day 4 - Design (Continued)

Case Study - Structured Design (Continued)

Workshop - Case Study - Structure Design Tools

8. Transform Analysis/Transaction Analysis

Workshop - Transaction Analysis

Day 5 - Case Study

Case Study - Presentation

Workshop - Case Study - Structure Design Tools

9. Implementation

Packaging

Implementation

Optimization

10. Management Aspects of the Structured Approach

11. Case Study Workshop

Workshop - Case Study - Presentation Preparation

12. Course Summary

Note: If client wants hands-on exercises using internationally standard tools that they have, the same can be included in the curriculum but details of the tool need to be provided to the tutors *a priori*.

