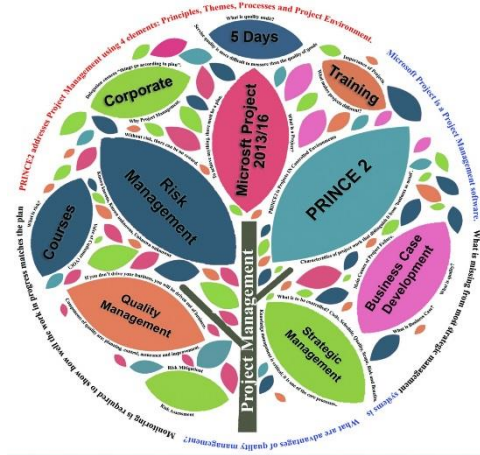




## Agile Project Course Outline



- **Course Duration options:**
  - ✓ **Face-to-face training** – 6 weeks (2 days a week @ 2 hours per session)
  - ✓ **5 day training** (Mon – Friday)
- **Cost:** £300 UK and US\$300 for international

There are two project management approaches; **Predictive** and **Adaptive**.

In predictive, there is detailed upfront planning because project team has a full understanding of product to be produced i.e. building a bridge. This comprehensive documentation is used to produce the required product.

However, in adaptive; there is no clarity on product to be produced; i.e. software, hence it is not possible to have detailed upfront planning. Instead, create 2 or 3 samples and show them to the customer. The customer chooses the one most appropriate and give feedback. The team uses this feedback to create next version; and this cycle continues. This adaptive development approach is called Agile.

There are a number of Agile development processes; namely, DSDM, XP, Crystal, SCRUM etc. This training will focus on Agile DSDM Project Management. After learning DSDM, it is very easy to understand SCRUM, the most simple and popular Agile system.

### **Course Outline**

This course is divided into 3 parts:

- Part 1 – Predictive Approach vs Adaptive Approach
- Part 2 – DSDM process, organisational structure and documentation products
- Part 3 – DSDM in practice

## Part 1 – Predictive Approach vs Adaptive Approach

- The Predictive Approach
- The Adaptive Approach
- Development cycles
- Incremental/Iterative model
- MoSCOW Prioritisation technique
- The 8 DSDM Principles

## Part 2 – DSDM Process, Organisational Structure and Documentation Products

- Agile DSDM Life-Cycle development phases
- Agile DSDM configuration management
- Agile DSDM organisational structure roles/responsibilities
- Agile DSDM documentation products
- Agile DSDM Iterative development process (delivery and timebox plans)
- Implementation of MoSCOW Prioritisation in Agile DSDM

## Part 3 – DSDM in Practice

- DSDM benefits and Agile Manifesto
- DSDM Project layer activities
- DSDM Delivery layer activities
- The four pillars of DSDM
  - **Processes** – analysis of practical implementation of phases; from Pre-project to Post-Project
  - **People** – projects are complicated, so as people; hence significance of strategic analysis of systems, tools and roles for best optimisation.
  - **Products** – compilation of documentation in projects at the same time assessing impact between detailed, just enough and upfront planning.
  - **Practices** – effective practices not only help organisations adapt, but improves performance, transparency, knowledge/skills and business processes.