



Unleashing the Power of Function Point Analysis Using the Function Point WORKBENCH™: Online Training Course

⊗ Duration

Two half-day online sessions

⊗ Overview

CHARISMATEK Software Metrics' Function Point WORKBENCH™ is the world's leading tool software for Function Point Analysis. The WORKBENCH is much more than just a Function Point Count repository. It provides a range of features that both substantially enhance the Function Point Analysis process and aid in the overall management and control of software projects:

- The WORKBENCH incorporates a complete Functional Sizing Methodology. The embedded methodology provides full coverage for the leading IFPUG CPM 4.3 Functional Size Measurement Method (*the WORKBENCH is certified by IFPUG as Function Point Software Type 1*), helps ensure that all Function Point Counts are fully auditable and defensible and facilitates the WORKBENCH's sophisticated communication, and reporting functionality.
- WORKBENCH users perform their Function Point Analysis by building Functional Models of their projects' or applications' functionality within the tool's primary workspace. These models can be easily extended to address future enhancement projects and changes in project or application scope and can be customised using Count Views to highlight the size and nature of specific functionality of interest in a manner and with an ease that is simply not possible without the WORKBENCH.
- The WORKBENCH's automated counting features (*patented*) provide the most sophisticated facilities available to ensure that users perform their Function Point Counts as quickly, consistently and accurately as possible.
- The WORKBENCH goes beyond the typical '*simplicistic*' approach to top-down project **effort** and **cost** estimation. User defined '*Productivity Sinks*' allow multiple different productivity rates to be identified within a single project. Functionality can be allocated to specific Sinks to estimate the effort or cost of an individual Sink or of the entire project and to fully explore various '*what if*' scenarios. The generated Function Point Size can also be exported for use with a range of compatible estimation tools and techniques.
- The WORKBENCH includes a range of reporting options. Detailed and Analysis Reports address all relevant issues relating to an individual Function Point Count, including its breakdown by both standard and user-defined attributes. Portfolio Reports address issues relating to an organisation's software portfolios, including project growth as a result of '*scope creep*', change in application size over time, total delivered work product and total software portfolio size. The WORKBENCH – Publisher allows new and customised reports addressing an organisation's own specific requirements to be easily generated and utilised.

⊗ Course Objectives

At the completion of the course, participants will be able to utilise the Function Point WORKBENCH™ to:

- Perform, analyse and report on all their **Function Point Analysis** tasks;
- Build preliminary and detailed **Functional Models** of software projects and applications and communicate software functionality and related issues using those models.

⊗ Intended Audience

Function Point Analysts, Project Managers, Business Analysts and any other IT professionals charged with utilising Function Point Analysis for tasks including software requirements definition & negotiation, project benchmarking & estimating and project management & control.

⊗ Prerequisite Knowledge

Participants will have an effective knowledge of the IFPUG Function Point Analysis CPM 4.3 Functional Size Measurement Method.

Please note that this course **does not** teach IFPUG Function Point Analysis technique – that is assumed knowledge.

⊗ Delivery Mode

The training course is delivered via the Internet as a series of two half-day online sessions. Each session incorporates:

- A systematic and complete presentation of the Function Point WORKBENCH™ features and functions. The presentation covers all aspects of the IFPUG Function Point Analysis CPM 4.3 Functional Size Measurement Method;
- Exercises to familiarise new Function Point WORKBENCH™ users with the software's features. Complete exercise solutions are available as Flash audio-visual presentations for viewing off-line;
- Live Function Point WORKBENCH™ demonstrations;
- Course feedback providing clarifications and answers to queries raised by participants;
- A live presenter from CHARISMATEK.

Participants can also download all of the course materials from the CHARISMATEK website.

⊗ Course Content

➤ Session 1

Building the Functional Model

Preparing for the Function Point Count
Recording Logical Transactions
Recording Logical Files

Determining the Function Point Size

Sizing Logical Transactions
Sizing Logical Files
Assessing the Value Adjustment Factor

➤ Session 2

Application Baselines and Enhancement Projects

Creating an Application Baseline
Sizing an Enhancement Project
Updating an Application Baseline

Reporting and Analysing a Function Point Count

Annotating a Function Point Count Using Notes
Analysing a Function Point Count Using Labels
Reporting a Function Point Count
Function Point WORKBENCH™ Utilities

⊗ Course Deliverables

- Complete set of course slides;
- Exercise descriptions;
- Exercise solutions (Flash audio-visuals).