

PRACTICAL SYSTEMS AND SOFTWARE MEASUREMENT (PSM) COURSE (2 DAYS)

The Practical Systems and Software Measurement course is intended to convey the experiences in using software measurement to improve the performance of software intensive systems. It will help participants understand how software measurement really works and how it can help them in their work.

The course provided a comprehensive overview of the PSM approach to measurement for software-intensive systems. Measurements help project teams address the relationships and trade-offs between cost, schedule, and technical objectives and incorporates a practical application on day two.

The SQI is a registered Transition Partner for the Practical Software Measurement Support Centre.

Practical Systems and Software Measurement

- Provides an overview of the Practical Systems and Software Measurement technical guidance
- Explains how measurement helps manage a software intensive project
- Defines the characteristics of an effective measurement process.
- Gives practical using the PSM method
- Provides a sample to work with the Insight Tool

Who should Attend?

- Program and Project Managers
- SQA Teams
- Test Teams
- Software Development Team Leaders

Benefits of attending

Participants at previous workshops found the exercises provide valuable experience in the practical application of measurement on software development projects. The course is recognised by the Australian Computer society under the Practising computer Professional (PCP) program.

The Software Quality Institute and the PSM Support Centre issue a Certificate of Completion for those who complete the workshop.

Course outline

- The goal of the PSM Introduction
- Overview
- Tailoring Software Measures
- Applying Software Measures
- Implementing a Software Measurement process
- Insight Tool Demonstration
- Insight Tool Practical Application
- Course summary

If possible, attendees should bring a Laptop Computer for the Insight exercises.

Presenter

Terry Rout is an Associate Professor in the School of Computing and Information Technology at Griffith University, Queensland, Australia, and is associated with the Software Quality Institute there. He lectures in the areas of software engineering, software quality, and project management. He is the project editor for ISO/IEC 15504-Software Process Assessment. He is a registered CMMI[®] Instructor and qualified SCAMPISM Lead Appraiser, and is a charter member of the newly established International Process Research Consortium.