



Goal Driven Measurement Training

This 3-day course describes the goal driven measurement for identifying and defining indicators (graphical displays) and measures that directly support an organization's business goals related to product development, process improvement, and project management. Using lectures and exercises, participants learn how to determine **success**, **progress**, and **analysis** indicators that show traceability from an organization's high-level business goals right down to the precise data collected. With useful examples, real-life experiences from the field, participants walk away with the tools necessary to lead goal-driven software measurement processes at their own organizations. Relevant ties to the Measurement and Analysis process area of Capability Maturity Model[®] Integration (CMMI[®]) are also included.

Note: This is the Software Engineering Institute's (SEI's) course that ISD is authorized to teach.

Prerequisites

- Participants should be familiar with projects or processes from their home organizations for which measurements could provide guiding information.

Course Content

- Goal-driven software management
- Goal Identification
- Attributes of good indicators: representing data to communicate and inform
- Success indicators
- Strategies and activities to achieve the goals
- Analysis and progress indicators
- Identification and definition of the data elements needed to construct indicators
- Action plan creation+

Course Material Provided

- Goal Driven Measurement Guidebook (includes templates)
- Participant's notebook includes presentations, exercises and other useful materials discussed in class

Who Will Benefit

- Project managers and process managers
- Software engineering process group members
- Process improvement working group members
- Software measurement team members
- Professionals who need reliable quantitative information to guide supporting, planning or tracking software systems

Course Duration

- 3 days