

### **Software Project Estimation**

*\_(1 Day)*

Provide a sound basis for your project plans!

Estimation is not just guessing about what you will build. In the CMMI (Capability Maturity Model Integration)<sup>®</sup>, the Software Engineering Institute (SEI) defined a software estimation process that works. In this course, you will learn the principles of that process and figure out how to make it work on your projects.

During this course, you will:

- Learn the CMMI's Software Estimation practices
- Become familiar with how to perform each step in the process
- Determine how to implement that process on your projects

Who should attend this course?

- Managers of software development
- Software team leads
- Software developers
- Specialists in software development processes and quality assurance

Course Outline:

Day 1

- The CMMI Goal: "Establish Estimates"
- Practice 1.1: "Estimate the Scope of the Project"
  - Making Practice 1.1 practical on our projects
- Practice 1.2: "Establish Estimates of Work Product and task Attributes"
  - Making Practice 1.2 practical on our projects
- Practice 1.3: "Define Project Life Cycle"
  - Making Practice 1.3 practical on our projects
- Practice 1.4: "Determine Estimates of Effort and Cost"
  - Making Practice 1.4 practical on our projects
- Using Software Project Estimation on our projects

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