



## Training Class Managing Automation Projects

Automation engineers understand how to develop databases, build HMI screens, generate code, perform factory and site acceptance tests, and start up projects. However, running a successful project demands more than technical skills. Projects must be planned and the plan must be executed.

This class teaches automation engineers how to apply good project management techniques specifically to automation projects. Attendees will learn how to develop an automation project plan, implement tasks according to the plan, track the work, control the scope and changes, and report the true status of the automation project.

### Course Outline:

- Your most important decision
- What you should control
- Development of a well thought-out organizational structure for the automation team
- Automation project planning for each project phase
  - Scope development
  - Work breakdown structure – WBS
  - Estimating
  - Procurement activities
  - Development of a plan for construction
  - Scheduling
  - Change management
  - Documentation requirements
  - Staffing
- Automation project execution
- Development and implementation of performance measurements
- Understanding and communicating with your client and/or system owner

### Group Exercises:

There are small group activities to develop a project plan and execute the plan.

### Class prerequisite:

Attendees should have a minimum of 5 years of experience in automation.  
This class is also a good refresher for experienced automation project managers.

**Length:** 1 day, 8:00 am – 5:00 pm