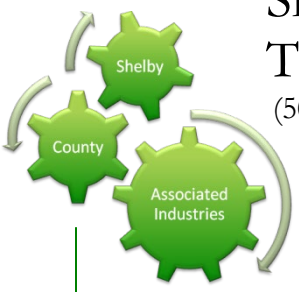

Shelby County Associated Industries
Training Consortium
(502) 633-5068 | scidf.com/associated-industries

# Project Management

Deadline to register is Aug. 31, 2022
**Time:** 8:30 a.m. – 4:30 p.m.
**Date:** Sept. 15 and 16, 2022 (2-day course)
**Location:** Stratton Community Center
**Rate:** $250 for SCAI members, $500 for non-members

**Instructor:** Doug Semenick, Semenick and Associates
This course is designed over two consecutive days to provide hands-on instruction in the fundamentals of project management. Participants will learn the five project management processes and nine knowledge areas in alignment with Project Management Institute (PMI) Standards. In small groups, participants will construct their own project scope and plan to help develop an understanding of planning, tracking, and communication issues necessary for successful project management. This combination of fundamentals and project development training is designed to maximize knowledge, understanding, and skill transfer to the worksite.

Learning Objectives:

- Demonstrate an understanding of the five project management processes and the project life cycle as it applies to a sample project.
- State clearly (written) a sample project scope, including the three project constraints, three objectives, and three deliverables.
- Diagram a sample project Work Breakdown Structure, Network Diagram, and identify the Critical Path.
- Demonstrate an understanding of time and cost estimation (PERT technique) and Earned Value by performing appropriate calculations.
- Calculate forward and backward passes to determine project floats and the critical path.
- Identify four sources of risk and respond in the written project plan.
- Demonstrate an understanding of resource leveling in response to changes that occur during the project.
- Construct a Standard Activity Bar Chart for a sample project to demonstrate an understanding of the relationships between tasks and durations.
- Crash a project schedule to get a project behind schedule back on track.
- Identify the appropriate steps in problem solving and decision-making.
- Examine and practice effective communication skills for overall project success
- Construct a project termination checklist to successfully close-out a project.
- Develop an Action Plan to extend the learning experience