



**Hanna Consulting Group, Inc.**

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*Presents on-Site Training*

# **Construction Scheduling for Managing Projects: Basic and Advanced Principles and Practices**

**Dr. Awad Hanna, Ph.D., P.E.**

President, Hanna Consulting Group, Inc.  
Professor, University of Wisconsin, Madison

Hanna Consulting offers customized, integrated packages of training products designed to meet and exceed customer needs on-site.

Construction projects both large and small are complex endeavors, involving many tasks, systems and often-disparate subcontractors. Proper front-end planning and scheduling is an essential tool to coordinate and assemble all necessary elements and tasks.

This course covers both introductory and advance knowledge on construction scheduling. Introductory knowledge includes:

- \* *How to create Work Break down Structure (WBS)*
- \* *How to create logical links between activities*
- \* *How to identify calculate critical project activities and the critical path of the schedule*
- \* *How to use project slack or float to balance resources expenditures*

Advanced knowledge includes:

- \* *Resource leveling and how to better allocate labor resources*
- \* *How to track labor cost by using manpower loading chart*
- \* *Simplified methods for tracking project schedule*
- \* *Schedule compression and the impact of schedule compression*
- \* *How to identify scheduling missive*

**If you are interested please contact Hanna Consulting at (608) 513-9690 or (608) 246-0221**