



## Hanna Consulting Group, Inc.

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*Presents on-Site Training*

# **Cost and Schedule Tracking Utilizing Manpower Loading Curves and Earned Value Approach**

**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.

This course will demonstrate a comprehensive “Job Tracking System” for medium and large contractors.

- \* *Learn how to develop Man-Power Charts and how to man the job for optimum efficiency and better productivity.*
- \* *Learn how to track job progress using Man-Power Loading Charts (Base vs. Earned vs. Actual)*
- \* *Learn how to accurately measure job percent complete at any point of time using earned value concept*
- \* *Benchmarking Productivity Indicators:*
  - *What are the optimum percent complete and its corresponding percent of man-hour during the initial “Build Up” stage*
  - *When to peak and what is the number of men at the peak and what is the percent of man-hours at the peak*
  - *What are the optimum percent complete and its corresponding percent of man-hours during the last stage of the job “Run down”*
  - *What should be the optimum manning level at any point of time?*
- \* *Learn how to detect “Early Warning Signs” for project distress as early as 20% complete*
- \* *Learn how to estimate your total hours at completion from your early performance data*
- \* *Learn how to present your request for extra payment using man-power loading chart*
- \* *Learn what are the characteristics of “normal jobs” and how to detect “Trends” that may lead to “bad jobs”*

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