Software Acquisition and Development Management

A FOUR DAY COURSE ON
SOFTWARE LIFE CYCLE SYSTEM MANAGEMENT
AND HOW TO APPLY IT

Presented in Cooperation with

THE AMERICAN SOCIETY
FOR QUALITY CONTROL
Washington Section

Software acquisition and development problems are due more to what is not applied, rather than not known, about software management.

SEC's Software Management Course clients include:
- Royal Military College (Canada)
- Office of Project Manager, Multi-Service Communications Systems
- Army Tactical Data Systems (ARTADS)
- Director General of Aerospace Engineering and Maintenance (Canada)
- Naval Electronic Systems Engineering Center
- Hawaiian Telephone Company
- Army Missile Command

COURSE INSTRUCTOR

Dennis L. Wood, President of Software Enterprises Corporation

Mr. Wood is an internationally known consultant, lecturer, and author on the life cycle management of computer software. His experience represents both sides of software acquisition/development—consulting to Government agencies for managing software acquisition, and to contractor organizations for managing software development. He was a contributor to both the DoD Staff Study on Tactical Software Acquisition and Maintenance, and the DoD Study of Quality Assurance in Software Acquisition.

Mr. Wood consults and teaches courses on software management to Government and Industry, and serves as a guest lecturer at universities. His most recent course, on Software Acquisition/Development Management, was highly acclaimed by the client.

WHO SHOULD ATTEND

A MUST for anyone requiring a comprehensive and current understanding of Software Life Cycle System Management. Designed for Government and Industry administrative, management and senior technical personnel.

For SCHEDULES OF CITIES and REGISTRATION see Post Card pg. 107. For COURSE FLYER or PHONE REGISTRATION call:
(213) 789-7814
(805) 495-6430

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THE AMERICANDEFENSE
PREPAREDNESS ASSOCIATION

The Course is designed to reduce software problems through improved understanding and implementation of Software Acquisition/Development Management.

This is the logical Management Training complement to the various software conferences, including DoD Software Management Implementation Conferences.

Addresses the new phase in DoD software management mandated by DoD Directive 5000.29 (Management of Computer Resources in Major Defense Systems).

BONUS—Discusses DoD Software Management Program Implementation Status, including new material presented by DoD at current Conferences.

Shows how to plan and implement computer current standards. Discusses new software management standards efforts.

Covers Software Acquisition and Development from both customer and contractor viewpoints.

Addresses software management within the framework of the total hardware/software system life cycle.

Covers each phase of the system life cycle, from generation of the system specification, to software operation and maintenance.

Unifies the management of software acquisition and development under a Software Life Cycle System Management approach.

Addresses the interrelationships among the management disciplines, their relation to the life cycle phases, and the sensitivity of software success to the quality with which these disciplines are implemented.

If your contract has not been let, this Course will help keep it out of trouble. If it's already in trouble, this Course may help you improve the situation.

Arrangements can be made for a Course at your facility, tailored to your special needs.

TOPIC SUMMARY
- DOD Directive 5000.29
- Managing Computer Resources in Major Defense Systems
- Software Planning and Development
- Software Project Management
- Software Cost
- System Engineering
- System Safety
- Software Quality Assurance
- Software Configuration Management
- Software Configuration Control
- Software Test Management
- Software Test and Evaluation
- Software Life Cycle

COURSE OBJECTIVES

Reduce software problems, costs, and surprises.

Improve visibility and management of the software life cycle.

Provide current understanding of recent Government standards for software acquisition.

Improve your position on RFP's, proposals, contracts, and software/system acceptance.

Assure that contract requirements are met in delivered software.

SAMPLE QUESTIONS ADDRESSED

How can the contract enhance or limit successful software management?

Is the customer paying twice with a Verification and Validation contractor?

How do you apply existing standards, yet avoid their problems?

How can conflicting objectives and viewpoints of customers and contractors be resolved?

How are the new DoD software management initiatives affecting the industry?

TYPICAL COMMENTS: GOVERNMENT—"...an excellent course. Extremely beneficial and up to date. " "I wish I'd had this course three years ago." "The instructor was well qualified and well prepared." "...performance was excellent and you should be commended." INDUSTRY—"A well organized and complete course which will prove very beneficial." "I liked best the emphasis given to 'How to.' I will recommend that others attend." "I liked best the depth of knowledge of the instructor, and his willingness to answer questions."

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