



Systems Engineering for Product Life Cycle Management Course

Instructor: David F. Tyler, Advanced Automation Corporation (AAC)

Course Description:

This intensive 3-day course provides a comprehensive overview of the discipline of Systems Engineering and how it is applied over the life cycle of a product. Systems Engineering is the integration of several engineering fields into an efficient and effective process for the overall technical management of programs and development of systems and equipment which meet user requirements. The field has been evolving and new systems engineering frameworks and definitions are presented. Topics include Systems Engineering standards, models, technical management, analysis and evaluation, product realization, product control, configuration and data management, product support, coupled with a practical approach to capability maturity. Specialty Engineering disciplines such as manufacturing, logistics, environment, human factors, are reviewed and integrated into the Systems Engineering process with several case study examples from industry and government.

About the Instructor:

Mr. David Tyler is a Senior Acquisition and Systems Engineering expert. He has more than 30 years in the field across a wide range of DoD, DoE, NASA and commercial programs. He has developed systems engineering plans for a wide array of government and commercial organizations. Mr. Tyler has written over 50 papers on these and related topics. He is a member of the Logistics Management Community at DAU.

Security Classification:

The Systems Engineering Series courses are UNCLASSIFIED.

Handout Material:

Each student will receive a comprehensive set of course notes covering the material presented.

For additional information, contact
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Notice: WSTIAC reserves the right to cancel, change the course schedule, and/or instructor if required. In the event of a schedule change or cancellation, the customer will be immediately informed.

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