

Sustainment Analysis and Life Cycle Management

This three-day intensive course presents systems engineering and sustainability analysis methodologies and strategies required to design, produce, operate and maintain cost effective systems. Initial focus is on need identification and problem definition. We will review systems engineering synthesis, functional analysis and evaluation activities during the complete life cycle from the conceptual and preliminary design phases to deployment and sustainment.

The course emphasis on sustainability attributes will be presented as part of the systems engineering process. Attributes include, but are not limited to, maintainability, accessibility, standardization, modularization, testability, mobility, interchangeability, serviceability, manufacturability, and affordability.

About the Instructor:

Mr. David Tyler is a Senior Acquisition and Systems Engineering expert with 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 and is a member of the Logistics Management Community at DAU.

Course Materials:

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

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201 Mill Street • Rome, NY 13440 • Phone 315.339.7117 • Fax 315.339.7107 • Email ammtiac@alionscience.com