

Naval Architecture in Submarines and Surface Ships

By David Tellet and William H. Garzke, Jr.

Wednesday, 30 June, 8:30am - 4:30pm with break for lunch

This course will review basic naval architecture theory as it applies to submarines and surface ships, going over such subject areas as nomenclature, lines drawing, hydrostatics, weight estimating, floodable length, intact stability, and damage stability. The session will highlight the differences between these subject areas in surface ships and submarine naval architecture. Sample problems will be discussed to illustrate the theory presented. (.7 CEUs)

Human Systems Integration

Optimized Manning For Naval Ships • Improved Training/Learning For Our Sailors • More Easily Understood Systems for Our Sailors

By Mr. J. Robert Bost, NAVSEA 03 Technical Director
and the NAVSEA Warranted Technical Authority for Human Systems Integration

Wednesday, 30 June, 8:30am - 4:30pm with break for lunch

This course provides an overview of HSI as it relates to including the human as part of the system, and therefore in the design and acquisition process. Topics to be addressed include: human performance, human factors engineering, personnel selection, manpower requirements, training/learning, system safety, system design, ship design, and habitability. This is an introductory course for those who want a clearer understanding of the human aspect of ship systems and are seeking ways to reduce ship manpower requirements without adversely affecting safety or effectiveness. The strong emphasis on optimized manning for naval ships, improved training for our Sailors, and more easily understood systems has made it increasingly important for naval engineers to understand the principles of human systems integration (HSI). Although the principles taught are generic, the course will focus on US Navy ship design and acquisition. (.7 CEUs)

I would like to participate in the following workshop:

- Naval Architecture and Marine Engineering
- Human Systems Integration

Name _____

(As you would like it to appear on name badge – please include any titles or ranks)

Position _____

Organization _____

Phone _____

Address _____

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Special Needs _____

Advance Payment of \$150 Per Person/Per Course is Required

Please check method of payment:

Enclosed check or money order made out to “ASNE”

Approved Purchase Order is attached

Bill to my:

MC VISA AmEx Discover

Credit Card Number/Exp Date:

Signature:

Cancellations must be in writing and cannot be accepted after **11 June 2004**.
A \$50 administrative fee will be applied to all refunds, \$25 to any transfers.