Course 335 • a four-day course

Programming in ADA

WASHINGTON, D.C.  
September 30-October 3

SAN DIEGO  
October 7-10

BOSTON  
November 11-14

SUNNYVALE  
December 2-5

OTHER CITIES  
Please Inquire

Course Benefits

This course provides a comprehensive introduction to the ADA language, its structure, features and support environment. Topics covered include:

- ADA Language Features: Data Typing, Procedures, Packages, Tasks, Exception Handling
- ADA Modules, Information Hiding and Compilation Units
- Concurrent Processing Using ADA’s Multi-Tasking Capabilities
- Real-Time Interrupt Handling and External I/O Interfaces
- Portability and the ADA Program Support Environment
- Structured Programming and Structured Design Using ADA
- Host/Target Considerations for Embedded Systems

ADA is a modern programming language which has been developed over the last several years at the initiative of the U.S. Department of Defense, in cooperation with the U.K., French and German Defense Ministries and with extensive contributions from industry and universities worldwide. The language is specifically aimed at improving software reliability, portability and maintainability while significantly reducing system life cycle costs. ADA is designed for implementations ranging from large, complex systems to embedded, real-time applications. ADA is expected to become the dominant language of the 1980’s and 90’s.

WHO SHOULD ATTEND:

This course is designed for programmers, systems analysts, software engineers, program and project managers who will need to use the ADA programming language. The course will be equally useful for those involved with aerospace and defense industry software systems — due to language standardization — and for all personnel involved in the planning, design and implementation of advanced industrial/scientific software products.

COURSE FEE: $795.00

Course fee includes Complete Course Materials, luncheons and coffee breaks.

Course Author

MR. DAVID T. MOORE

Mr. Moore is a member of the ADA Implementation Group, and has been an active participant in the ADA Test and Evaluation Phase. His responsibilities at Systems Consultants include the management of software conversion projects and the development of ADA implementations. Mr. Moore has designed and implemented real-time systems on hardware ranging from large mainframes to 8080/6800 microprocessors, employing languages ranging from FORTRAN and PASCAL to PL/M and assembly language. His current activities include the design of embedded, multi-microprocessor configurations using the ADA language.

About the Course Sponsor

ICS specializes in technical education. Over the last six years, we have implemented practical, cost-effective training programs for large corporate and government clients throughout North America and Europe. Our clients include ESTEC, General Electric, Hughes Aircraft Co., IBM, JPL, L. M. Ericsson, MBB, NASA, NUSC, Philips, RDAC, U.S. Army and many others.

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