

SYSTEMS DEVELOPMENT USING ADA 1-5 DAYS



COURSE OVERVIEW

This practical-oriented course offers students the opportunity to learn the concepts of Ada and to apply them to the construction of medium- to large-scale systems of all types using a comprehensive integrated development environment.

OBJECTIVES

At completion of the course, students will have been introduced to aspects of Ada and have a clear understanding of how to use an Ada project environment. They will also appreciate when and why to apply Ada in both the real-time and non-real-time application domains.

PREREQUISITES

An understanding that the software life-cycle is more than just programming and debugging, together with a capability to think clearly and logically.

ENVIRONMENT

- UNIX and/or Linux
- Windows

AUDIENCE

All software engineers who are planning to develop real-time, embedded and/or other high integrity applications.

FORMAT

- Class & workshop
- 1-5 days
- Small groups – minimum 10 & maximum 25 students per course
- Handouts - course notes & exercises
- Course certificate

COURSE OUTLINE

ADA 95 (2 DAYS) – *Builds on Ada 83*

- Introduction to Ada 95
- Type extension
- Controlled types
- Access types
- Hierarchical libraries
- Protected types
- Tasking
- Generics
- Other improvements
- The predefined language environment
- Specialised annexes
- Interfacing to other languages

COURSE OUTLINE

ADA 83 (2 DAYS)

- Introduction & history
- Language overview
- Basics
- Statements
- Advanced types
- Subprograms
- Packages
- Generics
- Exceptions
- Tasking
- Program structure
- Renaming, unchecked programming

COURSE OUTLINE

ADA 05 (1 DAY) – *Builds on Ada 95*

- Object-Oriented programming
- Access types
- Structure control
- Predefined library
- Other changes

Courses can be tailored to suite Ada83, Ada95 or Ada2005

HOW TO REGISTER

To find out more about **Systems Development Using Ada** or one of the other training courses offered by Software Improvements:

EMAIL info@softimp.com.au
PHONE +61-2-6273 2055

OR

COMPLETE THE FOLLOWING AND FAX TO +61-2-6273 2082

NAME	
ORGANISATION	
PHONE	
EMAIL	

I WOULD LIKE MORE INFORMATION ON:

- Systems Development using Ada**
- Aspect Oriented Thinking
- Developer Testing for Java using AgitarOne
- Model Driven Development (MDD)
- MDD using Structured Techniques
- Translational Development with MDD

CONTACT DETAILS

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