

# ASPECT-ORIENTED THINKING 1 DAY



## COURSE OVERVIEW

A 1-day introduction to Aspect-Oriented Thinking (AOT) covering its relationship to the process of software systems development, the importance of separation of concerns in complex multi-disciplinary developments, and how to “weave” aspects to form specifications and implementations of systems.

## OBJECTIVES

On completion of the course, students will have an appreciation of the concepts behind Aspect-Oriented Thinking, and how to apply them to the process of developing software, where the expertise and knowledge of diverse disciplines is required to understand and improve complex multi-faceted problems.

## PREREQUISITES

An understanding and experience of the systems/software life-cycle in the development of large-scale software intensive systems together with a capability to think seriously consider new ideas that can aid in solving developmental problems in such systems.

## ENVIRONMENT

- This course is not limited to a specific environment

## FORMAT

- Class & exercises
- 1 day
- Handouts - notes & exercises
- Course certificate

## AUDIENCE

The following roles where they are involved in the development and operation of large-scale software-intensive systems:

- Lead Analyst/Designer/Architect
- Team Leader
- Project Engineer
- Project Manager
- Business Analyst/Customer
- Chief Information Officer

## COURSE OUTLINE

### Morning

- Aspect Oriented Thinking and its relevance for developing systems within
- Dynamic, complex, cross disciplinary environments
- Introduction to Aspect Modelling
- Capturing cross-disciplinary knowledge in Aspect Models

### Afternoon

- Specifications, patterns and rules
- Using patterns and rules to weave different Aspects together
- Applying Aspect Oriented Thinking to the process of Software Development

**Courses can be tailored to suit the needs of individual customers**

## HOW TO REGISTER

To find out more about **Aspect Oriented Thinking** 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**

<b>NAME</b>	
<b>ORGANISATION</b>	
<b>PHONE</b>	
<b>EMAIL</b>	

## I WOULD LIKE MORE INFORMATION ON:

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

## CONTACT DETAILS

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