



## Circa Training Courses

Tassc offers fresh and innovative solutions for project managers of UML software development projects. A highly modular set of training materials which complement the Circa application.

Tassc trainers have substantial project management experience – and can advise on topics as diverse as feasibility studies, project bids, scoping projects, prioritising requirements, estimating effort, duration and cost, project planning, scheduling iterative development, structuring teams and assessing project risk. All training courses have a high practical content with hands-on sessions using Circa.

Tassc provides a flexible approach to Circa training:

- simply select our popular predefined course outline below, or
- 'mix and match' from our catalogue of modules to build your own custom course

### Planning and Estimating with Circa

2 Days - £2,700 + VAT + expenses \*

*A comprehensive guide to estimating UML software development aimed at project managers and team leaders using or evaluating Circa. Learn how to produce high-level estimates for bids or feasibility and refine estimates for project plans and schedules. Assess risk and build in appropriate contingency.*

CIRCA 00 Introduction

CIRCA 01 Estimating UML Projects (📄 with exercises)

CIRCA 02 Defining Project Scope (📄 with hands-on)

CIRCA 03 Calculating Effort, Duration and Cost (📄 with hands-on)

CIRCA 04 Applying Metrics (📄 with hands-on)

CIRCA 05 Profiling Resources (📄 with hands-on)

CIRCA 06 The Whole Product (📄 with hands-on)

CIRCA 07 Reporting and Tracking Defects (📄 with hands-on)

CIRCA 08 Assessing Risk (📄 with hands-on)

CIRCA 09 Scheduling Tasks (📄 with hands-on)

CIRCA W1 📄 Circa Workshop

\* Prices quoted for on-site courses with 7 - 10 delegates

3 – 6 delegates: £ 200 per delegate per day  
€ 235 per delegate per day

7 – 10 delegates: £ 1,350 per day  
€ 1,600 per day

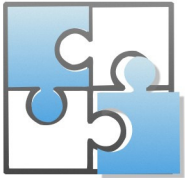
All prices plus VAT and trainer expenses

The customer is required to provide suitable training facilities, including a projector, delegate access to Circa running on laptops or PCs and refreshments.

Prices valid until 31<sup>st</sup> December 2010.

**One free Circa 2009 software license with every full price 10 delegate Circa course!**

**Revised for  
Circa 2009**



mix & match

## 'Mix and Match' – Build your own Custom Course

3 – 6 delegates: £200 per delegate per day + VAT and trainer expenses  
7 – 10 delegates: £1,350 per day + VAT and trainer expenses

### How does it work? Simple...

- assess the needs of your team and organisation
- choose the modules to best suit your requirements, timescale and budget
- call us or email your selection, preferred dates, location and number of delegates

If you would like assistance please contact us and a qualified trainer will happily discuss your requirements and suggest a suitable course structure



## Circa Modules

### CIRCA 00 Introduction

½ hour

delegate background and objectives  
timetable and practical considerations

### CIRCA 01 Estimating UML Projects

(🖱️ with exercises)

1 ½ hours

what's the problem?  
setting and meeting deadlines  
impact of inaccurate estimates  
key role of project managers  
the devil's triangle and pyramid  
when to estimate  
traditional estimating approaches  
ObjectMetrix model and Circa preview

### CIRCA 02 Defining Project Scope

(🖱️ with hands-on)

1 hour

understanding requirements  
identify software artifacts  
standard and custom software classifiers  
model software evolution  
qualify software artifacts  
extending existing systems  
import software artifacts from a CASE tool  
auto populate with software artifacts  
control scope creep

### CIRCA 03 Calculating Effort, Duration and Cost

(🖱️ with hands-on)

1 hour

perception and reality  
optimism versus caution  
accuracy versus precision  
first cut estimate  
activity breakdown  
impact of qualifiers and technologies  
the 'Mythical Man-Month'  
calculate duration and cost

### CIRCA 04 Applying Metrics

(🖱️ with hands-on)

1 hour

what is a software classifier?  
productivity metrics  
baseline adjustments  
population ratios and activity profiles  
refine metric values  
technology metrics  
adjust qualifier and risk impacts  
software defect profile

### CIRCA 05 Profiling Resources

(🖱️ with hands-on)

½ hour

the resource pool  
resource profiles and calendars  
team structure and size  
allocating workers to teams

### CIRCA 06 The Whole Product

(🖱️ with hands-on)

½ hour

turn software into a product  
organise with production categories  
define production artifacts for non-software activities

### CIRCA 07 Reporting and Tracking Defects

(🖱️ with hands-on)

½ hour

report software and production defects  
assess and prioritise defects  
track and fix defects

### CIRCA 08 Assessing Risk

(🖱️ with hands-on)

1 hour

identify and classify risks  
assess risk impact and probability  
risk priority and contingency plans  
calculate risk exposure  
add contingency to estimates

### CIRCA 09 Scheduling Tasks

(🖱️ with hands-on)

1 ½ hours

define the development process  
allocate software, production and defects to tasks  
allocate workers to tasks  
create task dependencies on Gantt chart  
review resource utilisation  
export schedule to MS Project  
monitor progress and record actuals

### CIRCA W1 🖱️ Circa Workshop

3 ½ hours

case study using Circa  
populate a project with software artifacts  
produce estimates of effort  
alter metrics and see the impact on estimates  
define team structure to calculate duration and cost  
add production artifacts and update estimates  
record defects and update estimates  
assess risk and add contingency to estimates  
define a process structure and schedule work