

# TMMi, Measure and Improve Your Testing Activities: Certification

Hands-on course of 3 days - 21h

Ref.: TMM - Price 2024: €2 790 (excl. taxes)

## EDUCATIONAL OBJECTIVES

At the end of the training, the trainee will be able to:

Know the origins of the TMMi model and its positioning in relation to CMMI

Understand the structure of the model and the meaning of each of its 5 levels

Define, for TMMi, the process improvement method based on the IDEAL model

Explain the organization and implementation of a TMMi Audit, formal or informal

## TEACHING METHODS

Alternating theoretical training, presentation of feedback, exam preparation exercises (multiple-choice questions) and practical workshops.

## CERTIFICATION

The course ends with the official exam "Certified TMMi Professional" which is recognized worldwide and organized by the organization BCS.

## THE PROGRAMME

last updated: 06/2022

### 1) Background of testing improvement

- The history of the TMMi model.
- The need to improve testing activities.
- Typical costs and benefits of improving test processes.
- The other improvement models.

*Exercise* : Why does your testing organization need to improve?

### 2) Introduction to the TMMi model

- Positioning in relation to the CMMI model.
- Characteristics of stepped and continuous representations.
- Gelperin and Hetzel's evolutionary testing model.
- Scope of the TMMi model.
- Exact interpretation of the model.

*Exercise* : Define the links between the CMMI and TMMi process areas.

### 3) Structure of the TMMi model

- The components of the model.
- Required, expected and informative components.
- Generic objectives.

*Exercise* : Define your improvement objectives.

### 4) Specific objectives and practices at different levels

- Level 2: Managed - Specific process areas, objectives and practices.
- Level 3: Defined - Specific process areas, objectives and practices.
- Level 4: Measured - Specific process areas, objectives and practices.
- Level 5: Optimization - Specific process areas, objectives and practices.

*Exercise* : Link specific practices to specific objectives. Multiple-choice questions to prepare for the test.

### 5) Conducting TMMi assessments

- Becoming an accredited assessor.

## TRAINER QUALIFICATIONS

The experts leading the training are specialists in the covered subjects. They have been approved by our instructional teams for both their professional knowledge and their teaching ability, for each course they teach. They have at least five to ten years of experience in their field and hold (or have held) decision-making positions in companies.

## ASSESSMENT TERMS

The trainer evaluates each participant's academic progress throughout the training using multiple choice, scenarios, hands-on work and more. Participants also complete a placement test before and after the course to measure the skills they've developed.

## TEACHING AIDS AND TECHNICAL RESOURCES

- The main teaching aids and instructional methods used in the training are audiovisual aids, documentation and course material, hands-on application exercises and corrected exercises for practical training courses, case studies and coverage of real cases for training seminars.
- At the end of each course or seminar, ORSYS provides participants with a course evaluation questionnaire that is analysed by our instructional teams.
- A check-in sheet for each half-day of attendance is provided at the end of the training, along with a course completion certificate if the trainee attended the entire session.

## TERMS AND DEADLINES

Registration must be completed 24 hours before the start of the training.

## ACCESSIBILITY FOR PEOPLE WITH DISABILITIES

Do you need special accessibility accommodations? Contact Mrs. Fosse, Disability Manager, at [psh-accueil@ORSYS.fr](mailto:psh-accueil@ORSYS.fr) to review your request and its feasibility.

- The characteristics of an assessment method: TAMAR.
- Different types of assessments.
- The steps involved in planning and conducting an assessment.
- Scoring the results of the interviews.
- The report expected by the TMMi Foundation: DSR.

*Role-playing* : Workshop to assess your organization compared to TMMi level 2.

#### 6) Implementing the TMMi model with IDEAL

- The different stages of the IDEAL model.
- Critical success factors to understand.
- The risks of failure of a TMMi approach.

*Exercise* : Reconstruct the IDEAL model. Multiple-choice questions: Complete mock exam.

#### 7) TMMi Certified Professional Examination

- 40-question MCQ. 60-minute duration.

## DATES

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REMOTE CLASS

2024 : 01 Jul, 16 Oct