



# Integrated course

## Software Processes Lead Assessor ISO/ IEC 29110

Duration: 40 hours\*  
(5 days)  
November 6-10 2017  
from 9:00 to 18:00  
UTC-05:00

Price  
1.500€+ VAT\*\*

IN ENGLISH  
ON-LINE!



### Objectives

This course was specially designed for those IT and Software engineering professionals seeking to get knowledge and abilities to perform ISO/IEC 330xx conformant process assessments, in particular to assess the ISO/IEC 29110 software life cycle processes for VSE (Very Small Entities).

At the completion of the course, trainees will be expected to be able to:

- navigate the 5 parts of ISO/IEC 29110;
- understand and explain the use of process assessment;
- develop an approach for conducting assessments conform to ISO/IEC 330xx;
- assemble and brief an assessment team;
- plan and conduct assessments using the ISO/IEC 29110 process assessment model;
- present the results of assessment to the assessed organisation.



### Audience

To become an ISO/IEC 29110 process assessor it is required to be familiar with the software life cycle processes, including different life cycle models. Among Good verbal and written communication, as well as experience in conducting presentations are recommended personal attributes for this course participants.



### Certificate

Those participants that demonstrate a satisfactory use of the course and have passed the test and the final exam, will get an accredited certificate from INTRSA. This certificate is the first step to achieve both the degree of VSE process assessor or Lead assessor (ISO/IEC 291110).



### ¿What it comprises?

This course integrates 3 accredited courses by INTRSA, the internationally recognised organisation responsible for the Registration and Certification of Process Assessors, their training courses and training providers. It collects all practical requirements for those seeking professional recognition for the different ISO/IEC 29110 process assessor:

- Foundations (initial concepts)
- VSE assessor (how to perform assessments for small organizations) to perform internal assessments
- Lead assessor (to perform third party assessments and/or certifications)

This course is a combination of theoretical sessions, real case practices and team exercises. More than 50% of the course will consist in practical cases performed by the participants.

This course is up to date with the last versions of both the ISO/IEC 29110 and ISO/IEC 3300x series.



### Tutor

Patricia Rodríguez-Dapena is a process assessor since 1997, having performed many assessments to different organisations: private or public, big and SME organisations. She participates to the creation of process assessment models based on ISO/IEC 15504, for example supporting the creation of SPICE for Space for the software process assessment in the European space domain (ECSS-Q-80-HB-02C), and in the ISO projects being the editor of the ISO/IEC 29110 VSE PAM in ISO. CEO of Software S.L, she is one of the few principal assessors of ISO/IEC ISO/IEC 33002 conformant process assessments and currently president of the upto25 governing board, the unique worldwide web platform dedicated to the process improvement for VSEs.





## Price

The price of this course is 1.500,00 euros + VAT\*\* per participant. It includes all course materials, access to the standards and the test and exam fees.



## Format of the course and contents

At the start of the course each delegate is supplied with a comprehensive course manual containing;

- Course programme,
- Complete set of delegate notes covering all topics presented during the course,
- Set of case study materials and exercises,
- Supplementary materials including templates for assessment planning and reporting, briefing materials and other supporting materials,
- Trial working version of an assessment software tool.

Copies of the both ISO/IEC 29110 as well as ISO 330xx necessary parts are available to each delegate during the course.

**It is a very important requirement** to ensure a good internet connection (including a good quality camera) as the whole course, the test and final exam are on-line.



## Course overview:

Based on practical exercises and in the performance of a real case study detailed at the second course day, this course has a practical focus. All courses have at least 55% of exercises and practical cases to develop practical abilities to perform assessments.

### Day 1: Foundations

Process assessment concepts  
Framework for process assessment  
Process Reference Model  
Measurement Framework  
Process Assessment Model  
Process Profiles and Process Attribute Qualification Profiles  
Maturity Models  
Contexts of use  
Performing an assessment  
Roles and responsibilities

### Day 2: VSE Assessor (part 1)

Sample Assessment tool  
ISO/IEC 29110 standard  
Process reference Model – VSE PRM  
Process Quality Dimension  
VSE Process Assessment Model and VSE profiles  
Rating process attributes  
Process profiles and VSE Process attribute rating  
Case study

### Day 3: VSE Assessor (part 2)

Test and exam informative session  
Collect the data: Interviews  
Validate the data, Derive results and Reporting  
Roles and Competencies –IntRSA Scheme  
Case study

### Day 4: Lead Assessor (part 1)

Lead assessor responsibilities  
Assessment classes  
Initiating and planning an assessment  
Validating and Rating  
Assessment report  
General process related Risk analysis  
Case study

### Day 5: Lead Assessor (part 2)

General process improvement steps  
Conformity assessment  
Assessors competency  
Test and Exam

### Information about this and other courses:

[www.softwarecare.com](http://www.softwarecare.com) > Knowledge Centre > Software University

\* Course on-line presented by a tutor. The test and the exam will be performed via Web following the indications provided during the course (it is a requirement to have a good quality internet connection with a camera with no interruptions during both the course and especially during the test and exam.

\*\* No VAT taxes for: a) Non EU Companies, professionals or individuals; b) Companies and organizations or professionals (not individuals) residing in the EU (excluding Spain) identified with their legal VAT number. In all cases, Software S.L. will send an invoice to the address provided in the inscription form.