
COURSE DESCRIPTION

Course Description

Collaborative Safety & Risk Assessment

9CSC015973-GLB-EN

Course Goal

After this course the student should be able to help with the safety design for collaborative robot applications and ensure that it is in accordance with relevant standards and regulations.

Course objectives

Upon completion of this course, the student should be able to:

- Determine which standards are applicable to different applications.
- Tell what safety aspects to think about when designing a collaborative application.
- Set up SafeMove zones and supervisions with the FlexPendant.
- Perform a risk assessment in accordance with relevant standards.
- Set up required documentation.

Student profile

This training is targeted to first time collaborative robot users.

Prerequisites

Participants require no previous knowledge for this course.



Course content

- Human Robot Collaboration
- Standards, Rules & Regulations
- Designing an HRC Application
- HRC – Risk Assessment
- SafeMove Setup
- Validation and Safety Report

Course type

The course is instructor-led. Approximately 25% of the time is used for hands-on exercises.

Course duration

The course will take approximately 10 hours, exact schedule may differ between countries.