# ROBOTICS - COBOTICS

Initiation to the programming of a collaborative robot.

## OBJECTIVES

- Discover collaborative robotics.
- Identify a collaborative robot.
- Understand the functioning and programming of a collaborative robot.
- Learn to develop a collaborative workstation.



## CONTENTS

- Discovery of YuMi robot.
- Configuration and parametrization.
- Programming.
- Creation of robotic tasks.
- Implementation of an industrial simulation environment.
- Design of a robotic system.
- Validation and simulation of a robotic system.
- Exporting the code to the robot bay.

## APPLICATIONS



V$_+$R

**Content and Simulation apps**
Related brands : 3DVIA, DELMIA, SIMULIA



Robot Programming

Robot Simulation

## PREREQUISITES

Knowledge of Robotics, Programming, Simulation.

## AVAILABLE IN

English, Spanish and French.

**DURATION**
28H over 4 days

**LOCATION**
UFR MIM
3 rue Augustin Fresnel
57070 METZ