

# NexBot Robotics Operator Training Course 911-001

**NexBot  
Robotics**

SKU: NXB-TRN-911-001 | Category: Services & Training > Training Courses > Operator Training

## Overview

This training course provides operators, technicians, and engineers with the essential skills to safely operate, program, and maintain NexBot Robotics industrial robot systems. Designed for personnel with limited or no prior robotics experience, this comprehensive program combines classroom theory with extensive hands-on practice on live robotic cells, ensuring participants develop real-world proficiency and confidence. The core objective is to empower your team to maximize the uptime and productivity of your automated workcells. The curriculum is structured to build a strong foundational knowledge of robotic automation. Over the course of the intensive 3-day program, students will learn the principles of robot safety, including the setup of safety zones, understanding emergency stop circuits, and adhering to industry best practices for collaborative and industrial applications. A significant portion of the course is dedicated to mastering the teach pendant interface. Participants will gain proficiency in jogging the robot in various coordinate systems (Joint, World, Tool, User), creating and modifying motion programs with different path types, and managing digital input/output (I/O) signals for effective communication with peripheral equipment like grippers and sensors. Key benefits of this training include increased operator efficiency, reduced downtime due to common programming errors, and a significantly improved safety culture within your facility. By understanding the system's capabilities and required routine maintenance procedures, graduates can effectively troubleshoot common operational issues and perform essential preventative checks. The course is conducted by certified NexBot Robotics instructors in a small-group setting, with a maximum of 8 students per class, to guarantee personalized attention and substantial time on the equipment. Each student works with a dedicated training robot to practice creating, editing, and running programs. This operator course is highly relevant for manufacturing environments utilizing robots for applications such as machine tending, advanced pick-and-place, palletizing, automated assembly, and quality inspection. Upon successful completion of the course, which includes both a written examination and a practical programming assessment, participants will receive an official NexBot Robotics Operator Certificate, validating their skills and knowledge. This training is the critical first step towards empowering your team to fully leverage the capabilities of your automation investment and drive operational excellence.

# Technical Specifications

Parameter	Value	Unit
Country of Origin	IT	

**Safety Notice:** This product must be installed and operated by qualified personnel in accordance with applicable safety standards (ISO 10218, IEC 61508).