

US412 TrueView

The purpose of this course is to provide personnel with a better understanding of how the TrueView vision system functions, how to troubleshoot and perform required maintenance. This will enable personnel to be able to identify and safely maintain the vision equipment



Topics include

- Safety precautions while working with TrueView vision systems
- Interfaces between TrueView system and robot
- Vision component and how they work
- System operation
- Troubleshooting and recovery
- System care and preventive maintenance

Course objectives

After completing this course the student should be able to:

- Describe the overall system structure
- Demonstrate both Robot and TrueView system operations
- Understand eVisionFactory as a platform to run, maintain and support VGR solutions
- Calibration of robot and vision system
- Understand Workspace structure and elements
- Run Step components
- Perform Workspace saving, backup and folder structure
- Program appropriate vision positions
- Program grip position
- Understand eVF reporting (data logging)
- Understand errors and problems
- Perform basic troubleshooting and recovery
- Replacement and adjustment of camera
- Perform system care and preventative maintenance

Student profile

- Skilled trades, operators, engineers, and supervisors

Prerequisites

Advance programming not required but is helpful

Optional customization

- At ABB we are able to customize our standard training package to suit your specific system. This includes both training course and training manuals.

Description

The course duration is 4.5 days.

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