

# SmartWing Training course information

Learn about the basics and how to operate SmartWing from a Fuji instructor.  
There are three types of courses depending on the purpose.

## Industrial robot special training course

Training period: 2 days, 9:00 am to 5:00 pm

Cost: 40,000 JPY per person (lunch included).

Note: Up to four individuals can participate at the same time

This is training specific to work as defined in Ordinance on Industrial Safety and

Details: Health relating to the operation, inspection, and other processes of industrial robots.

Certificate: Attendees will receive a certificate of completion.

Item	Details
General knowledge regarding industrial robots	Types of robots, control systems, driving systems, mechanisms and features, handling methods, types and characteristics of control components in relation to industrial robots
Explanations for industrial robot instruction, inspection, and other operational tasks	Operation methods, the dangers during operation, inspection and other procedures, the dangers during inspection and other procedures, and connecting with related devices
Related laws and regulations	Items pertaining to laws, regulations, and the Ordinance on Industrial Safety and Health
Operation methods for industrial robots	Hands-on
Tasks such as operation and inspection for industrial robots	Hands-on
Review	Q&A

## Basic operation training course

Training period: 1 day, 9:00 am to 5:00 pm

Cost: 20,000 JPY per person (lunch included).

Note: Up to four individuals can participate at the same time

Details: Learn about basic operation, adding product types, changing operation positions, and installation.

Item	Contents
SmartWing overview	Features
	Mechanisms and specifications
Operation method	Operation screen
	Production method
Preparation for production	Overview of each data type
	Production preparation overview
	End effector settings
	Coordinate settings
	Creating jobs
Installation and maintenance	Basic shape data creation
	Trial operation
	Installation
Review	Periodic maintenance
	Basic troubleshooting
Review	Review through exercises
	Q&A

## Advanced operation training course

Training period: 3 days, 9:00 am to 5:00 pm

Cost: 60,000 JPY per person (lunch included).

Note: Up to four individuals can participate at the same time

Details: Learn about advanced items such as programming, creating shape data, and each type of unit and how to connect to them.

It is also possible to practice using your own workpieces.

Certificate: This is for individuals who have completed the basic training course.

Item	Contents
Adjustment procedure	Measuring control points
System creation	System creation procedures
	Creating Waza
	Advanced shape data creation
	Advanced troubleshooting
	Other important points relating to design
	Inputs and outputs
	Editing display items
	Editing the operation screen and adding error items
	Connecting peripheral equipment
	Connecting safety circuits
Introduction to sample Waza	
Maintenance	Exchanging parts
Review	Review through exercises
	Q&A

