

Basic (teaching)/duAro/3 day course + Vision * (4 days)

*Please specify either KV-Finder or F Controller Vision option when making a reservation.

■ Course outline and target audience

This course is for people who have no practical experience using industrial robots or vision systems and who have plans to work on Kawasaki robots. We practice operation and programming according to your level of understanding, so it is recommended for those who want to learn thoroughly.

■ Curriculum

| Days | Time | Content of implementation |
|-------|---------------|--|
| Day 1 | 08:50 - 09:00 | Reception |
| | 09:00 - 09:10 | Facility explanation and schedule confirmation |
| | 09:10 - 12:00 | Robot Showroom Tour (Nishi-Kobe Only) Safety training (Basic knowledge of industrial robots and related laws and regulations) |
| | | Lunch time |
| | 13:00 - 17:00 | duAro Features, Device Configuration, and Tablet Connection Manual Operation (Tablet Mode/Direct Mode) Program creation and editing using tablet language (independent/parallel/cooperative operation, etc.) Individual execution and automatic operation |
| Day 2 | 09:00 - 12:00 | Creating and editing programs using tablet language (hand operation, etc.) |
| | | Lunch time |
| | 13:00 - 17:00 | Creating and editing programs using tablet language (signal settings, etc.) Introduction of functions (setting of starting conditions for automatic operation, etc.) |
| Day 3 | 09:00 - 12:00 | Creating and editing programs using tablet language (general questions, etc.) Function introduction (contact prevention function between arms, etc.) |
| | | Lunch time |
| | 13:00 - 16:00 | Creating and editing programs using tablet language (general questions, etc.) Feature introduction (save/load tablet data, etc.) |
| Day 4 | 09:00 - 12:00 | Vision settings (camera settings and calibration) |
| | | Lunch time |
| | 13:00 - 17:00 | Creating and editing vision programs (work position correction, etc.) |
| | 15:30 - 16:00 | Q & A and Certificate of Completion |

■ Notes on attending the course

- Please bring your own writing utensils, work clothes (recommended) and safety shoes (recommended).
- There will be a reception on the first day, so please come by 8:50.
- There will be a 10 minute break in the AM and PM.
- We will prepare lunch during the course.
- The content and time of the course may change depending on the situation. We appreciate your understanding in advance.
- Those who have taken the safety course at our school or other institutions can skip it. Please contact us in advance and bring the appropriate certificate of completion on the day.
- Completion of special education (teaching of industrial robots, etc.) will be completed with a certificate.

**The purpose of this course is to master the basics of Kawasaki robot operation and programming.
Therefore, it is not intended to provide education (explanation) on individual system projects.**