



DLDS-3512 Industrial Robot Skills Training System

Training Projects

- Production task of finger top press mounting based on robot automatic loading and unloading
- Digital keyboard automatic assembly task
- Automatic grinding task of workpiece
- Robot automatic gift packaging task
- Transfer and palletizing of various materials

Assessable knowledge and skills

- Recognition and application of six axis robot
- Six axis industrial robot installation
- Four axis industrial machine installation and Application
- Four axis robot training and calibration
- Six axis robot training and calibration

- Cognition and application of AGV
- Assembly, inspection and transmission mechanism mechanical structure assembly and debugging
- The program of motion control for assembly testing transmission mechanism
- Mechanical structure assembly and debugging of visual inspection module
- Electrical debugging of visual inspection module
- Assembly, installation and commissioning of finished product warehouse
- Installation of cutting process simulation device
- Application of detection switch
- Application of multiple sensors
- Application of pneumatic components
- Application of PLC
- Application of visual human-computer interface
- Gas path and circuit construction
- Mechanical part assembly and disassembly
- System fault diagnosis and maintenance