Learn from the leader

- There are three to four times more FANUC robots working in manufacturing and industrial facilities than any other brand.
- With CERT, students are prepared to work on industry-standard FANUC robots in real-world applications.
- Learning to work with a FANUC robot translates to a high-paying manufacturing or industrial career.
- All CERT training uses the same controller that runs every FANUC robot, so classroom training provides students the job-ready skills to work with FANUC robots in industry.

- Assembly
- Material Handling
- Paint and Dispense
- Picking, Packing, Palletizing
- Welding (Arc and Spot)

Real-world training on the go

C.E.R.T.

Certified Education Robot Training

FANUC Robotics

*i*ntelligent ROBOT Solutions

For more information or to subscribe to our CERT online newsletter:
call 1-800-*i*Q-ROBOT (mention CERT)
or email crcsales@fanucrobotics.com

www.fanucrobotics.com

YouTube

Certified Education Robot Training

LEARN ON REAL INDUSTRIAL ROBOTS

FANUC Robotics

Certified Education Robot Training (CERT) – Let FANUC Robotics Prepare Your Students

As the number one supplier of intelligent robots, there are more FANUC robots working in manufacturing and industrial facilities than any other brand. Our extensive line of robots with payload capabilities from 0.5kg to 1,350kg provide solutions for assembly, material removal, material handling (picking/packing/palletizing), painting, dispensing and welding (arc/spot). FANUC Robotics also offers integrated vision and force sensing products, simulation packages, application software, and unmatched customer support. This winning combination provides manufacturers the tools they need to reduce costs, improve quality, maximize productivity and increase their competitive position in the global market.

Is the CERT Program Right for You?

As more companies incorporate robotics into their operations, the demand for high paying careers related to designing, implementing and using industrial robots is increasing. FANUC Robotics' Certified Education Robot Training (CERT) program certifies instructors at high schools, trade schools, community colleges and universities to train their students to program FANUC robots through on-line and hands-on training courses.

FANUC Robotics' CERT program trains students how to use the latest robotic automation while applying science, technology, engineering, and math. These programs significantly enhance student learning and provide training for real-world applications with real-world industrial robots.

International Association for Continuing Education and Training (IACET)

FANUC Robotics' CERT program is an Authorized Provider of Continuing Education Units (CEU) by the IACET. All CERT training meets eligibility requirements for IACET CEUs according to the national ANSI/IACET 1-2007 Standard.

Apply CERT in Your Curriculum

Typical programs that integrate robotics in their curriculum include:

- Industrial, Mechanical and Manufacturing
- Engineering or Technology Degrees
- Digital Manufacturing, Lean Manufacturing and Manufacturing Management
- Computer Numerical Control (CNC)
- Inspection and Quality Control
- Operations Management
- CAD/Virtual Prototyping
- Computer Integrated Manufacturing (CIM)

All Carts Include:
- *i*RVision
- Gripper
- Tooling
- 120VAC Transformer
- Compressor
- CERT Training Program

Other "Options"
- Force Sensor
- Conveyor
- Vision Lighting Kit

CERT Program Features and Options

FANUC Robotics' CERT carts are compact, portable, self-contained educational robotic labs used to train students how to program an industrial robot in a safe and controlled environment (optional table-top mounting is available).

The CERT educational mobile lab includes a FANUC LR Mate 200*i*C or M-1*i*A robot, a color graphic *i*Pendant, Collision Guard, Dual-Check Safety, and a wide range of hardware and software features including:

Education tooling package
- 120VAC transformer
- Compressor
- Vacuum or clamping gripper
- Tooling

CERT Training program
- HandlingTool software
- ROBOGUIDE simulation software
- Web courses on robot operations
- HandlingTool and HandlingPRO

2D integrated vision (*i*RVision®) package
- Camera and cable
- *i*RVision software
- Web course on vision setup and operation (option)

Additional options include:
- Force Sensor
- Conveyor (in bound/out bound)
- Vision lighting kit
- Solar panels
- Custom solutions incorporating any FANUC robot