

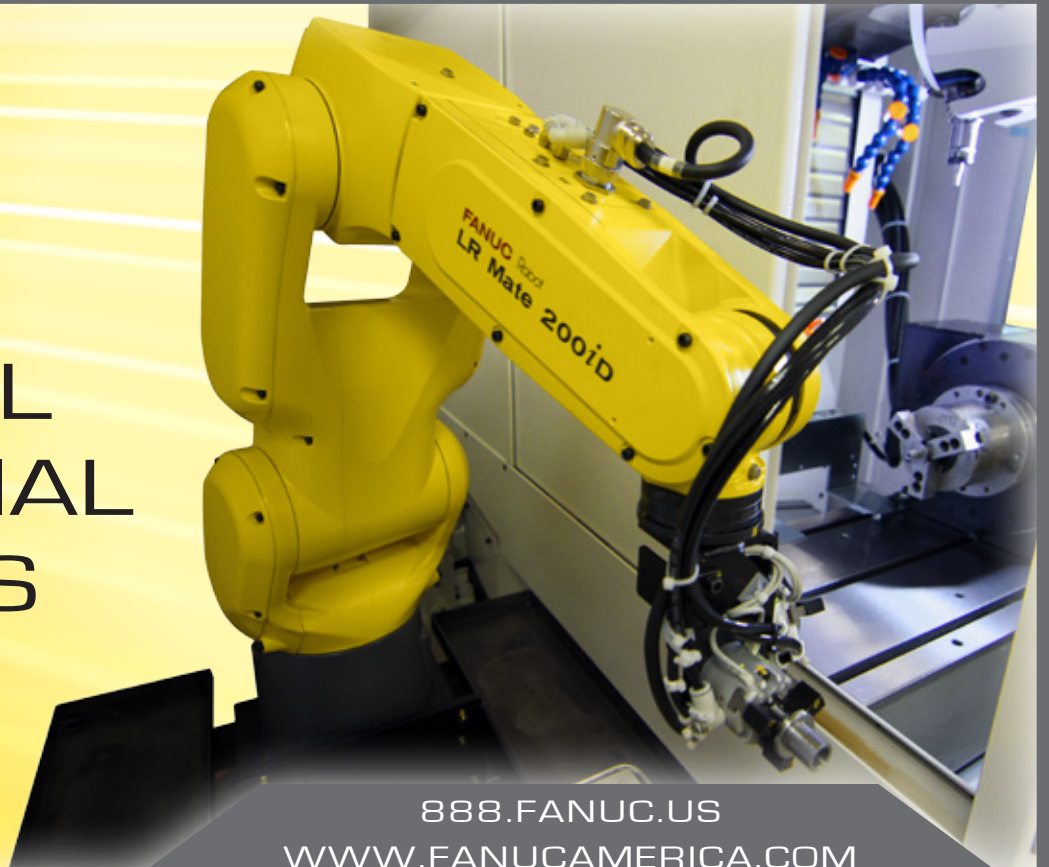


Advancing STEM Through:

- Real World Learning
- 21st Century Skill Development
- Industry Recognized Certification

CERTIFIED EDUCATION ROBOT TRAINING

LEARN ON REAL INDUSTRIAL ROBOTS



Let FANUC Prepare Your Students

With over 3 million CNCs, robots, and factory automation systems installed, FANUC is the undeniable global leader in automation for manufacturing. Our innovative technology and proven expertise provides performance you can rely on. 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 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.



International Association for Continuing Education and Training (IACET)

FANUC's 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.

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's 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's 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. Students receive an industry recognized certification upon course completion.

CERTIFIED EDUCATION ROBOT TRAINING



888.FANUC.US

WWW.FANUCAMERICA.COM

Apply CERT in Your STEM 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)

CERT Program Features and Options

FANUC's 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 200iD/4S or M-1iA robot, a color graphic iPendant, 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

Optional:

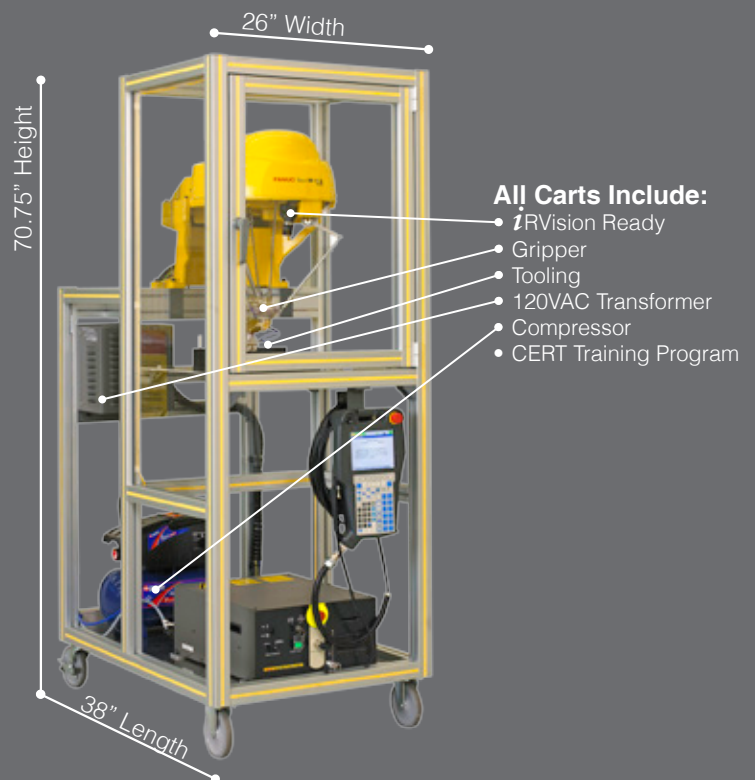
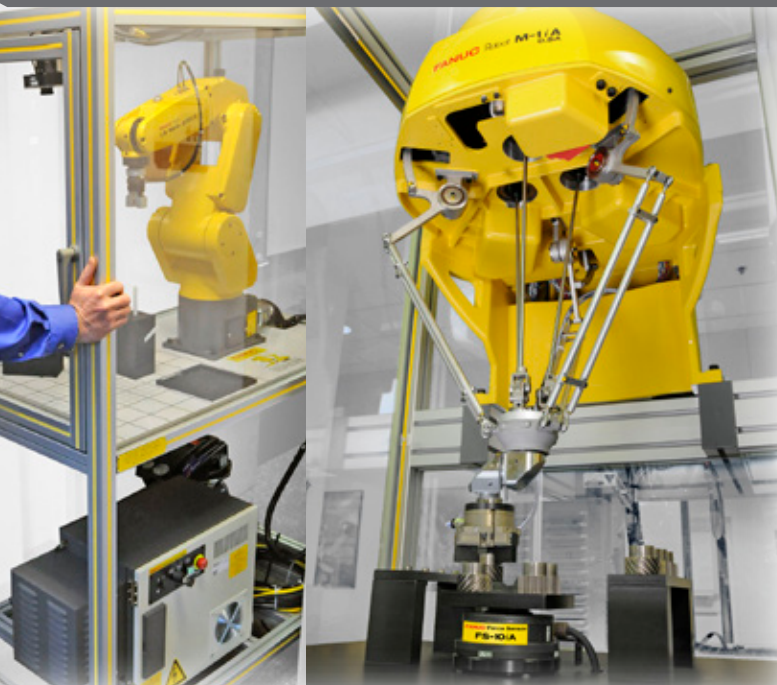
iRvision CERT instructor Program

- 2D integrated iRvision software, camera & cable
- Web and live training course on vision setup and operation

Additional options:

- Project Based Learning
- Force Sensor
- Conveyor (in bound/out bound)
- Vision lighting kit
- Custom solutions incorporating any FANUC robot
- Dual robot material handling system

FANUC CERT Carts meet all RIA Safety Standards





CNC CERTIFIED EDUCATION TRAINING

As the industry leader, there are more FANUC robots and CNC working in manufacturing than any other brand. FANUC America's Certified Education Training programs train students

to use advanced automation while applying science, technology, engineering, and math. Learn how FANUC STEM training platforms significantly enhance student learning and provides training on real-world industrial robots, CNC and integrated intelligent solutions.

Contact FANUC today to learn more about our CNC and ROBODRILL CERTified Education Training.

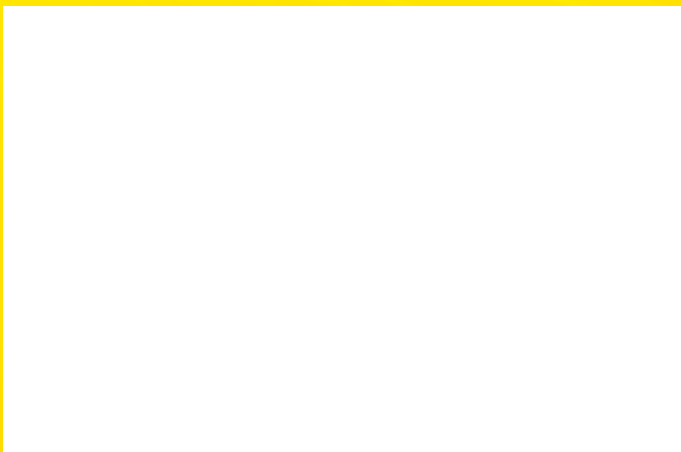
F.A.S.T. FANUC AUTHORIZED SATELLITE TRAINING PROGRAM

- Schools and educational institutions can now become a FANUC certified satellite training facility
- Teach students and industry professionals curriculum-based training designed by FANUC
- Endorsed and promoted as a satellite training facility by FANUC
- Become CERTified - Become **F.A.S.T.**

Contact FANUC today to learn more about our **F.A.S.T.** program



INNOVATIVE AUTOMATION SOLUTIONS



For more information on FANUC's Certified Education Training programs please visit www.fanucamerica.com

LEARN FANUC



**E
D
U
C
A
T
I
O
N
A
U
T
H
O
R
I
Z
E
D
R
E
S
E
L
L
E
R**

