NOCTI
Partner Credential Blueprint

FANUC

FANUC Certified Applied Robot Technician

Code: 9287 / Version: 01

General Assessment Information

Blueprint Contents

Test Type: The FANUC Certified Applied Robot Technician national credentialing assessment is based on FANUC's industry recognized CERT Program, inclusive of FANUC's Robot Operations with instruction provided by a FANUC certified academic instructor. Eligible participants will earn the FANUC Certified Robot Technician certification.

CIP Code

48.0501 - Machine Tool Technology/Machinist

Learning that works for America CTE™

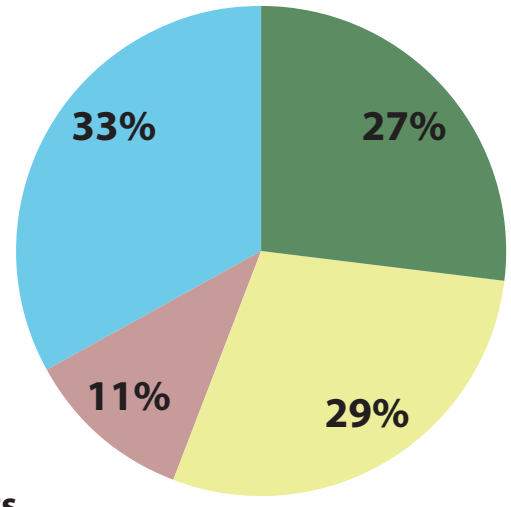
Science, Engineering, Technology, and Mathematics

O*NET™ in*it

51-4011.00 Computer-Controlled Machine Tool Operators, Metal and Plastic

Performance Assessment

NOCTI performance assessments allow individuals to demonstrate their acquired skills by completing actual jobs using the tools, materials, machines, and equipment related to the technical area.



Administration Time: 6 hours and 15 minutes
Number of Jobs: 4

Areas Covered:

27% Single Axis Master on All Six Axes
Participant will use troubleshooting and mastering to remedy the pulse coder alarm.

29% Create a Pick and Place Program for 4 Parts
Participant will pick and place 4 parts using the provided layout and special instructions. Includes setting up reference position, programming basic advanced elements, and executing the program without simulated errors.

11% Execute Program for Job 2
Participant will execute program to test simulated errors. Including collision detection, dropped part, failed to grasp part, failed to release part, and double stack part in machine.

33% Set up and Program iRVision for Part Offset and Inspection
Participant will add to a part offset for the pickup and vision inspection after unloading from the machine.

Sample Job

Set up and Program iRVision for Part Offset and Inspection

Maximum Time: 1 hour and 30 minutes

Participant Activity: Participant will set up and program iRVision for part offset and inspection. Including vision setup, part offset, vision inspecting process for part feature, editing program to use vision process, adding to program rejected part, and executing program.

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