NOCTI
Partner Credential Blueprint

FANUC

FANUC Basic Robot Operations Micro-Credential

Code: 9510 Version: 01
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General Assessment Information

Blueprint Contents

General Assessment Information
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Test Type: The FANUC Basic Robot Operations micro-credential is part of the comprehensive credentialing program offered by FANUC. It provides a credible means of verifying foundational knowledge and skills expected by industry for basic robot operations. This 36-item micro-credential assessment recognizes individuals who successfully attain the cut score.

CIP Code

48.0501 Machine Tool Technology/Machinist

Learning that works for America CTE™

Science, Technology, Engineering, and Mathematics

O*NET™ in*it

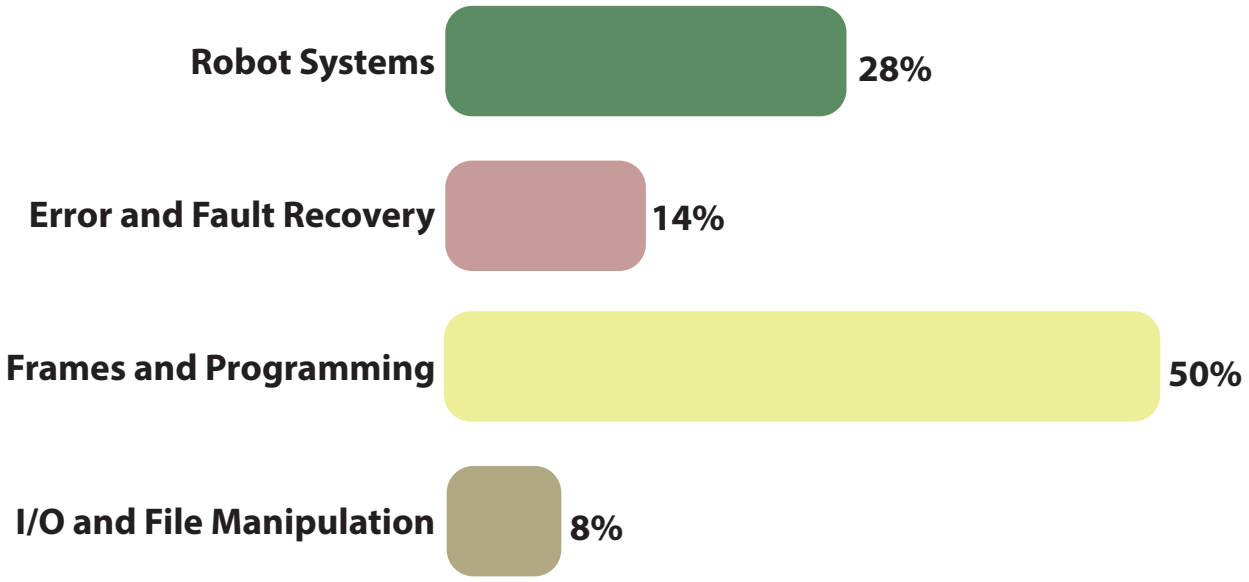
51-4011.00 Computer-Controlled Machine Tool Operators, Metal and Plastic

Written Assessment

Written assessments consist of questions to measure an individual's factual theoretical knowledge.

Administration Time: 45 minutes
Number of Questions: 36
Number of Sessions: This assessment may be administered in one, two, or three sessions.

Areas Covered



Specific Standards and Competencies Included in this Assessment

Robot System
- Robot system

Error and Fault Recovery
- Error and Fault Recovery

Frames and Programming
- Frames and Programming

I/O and File Manipulation
- I/O and File Manipulation

Sample Questions

SHIFT and POINT are needed to do what?

A. Change robot speed
B. Request the positional screen to appear
C. Record the current position of the robot
D. Execute a MACRO program and return the robot to HOME

Which of the following hard keys would bring the menu item ABORT ALL to the TP Screen?

A. FCTN
B. HOLD
C. RESET
D. E-STOP

Programs can be write protected

A. True
B. False

Which is NOT an element of a motion instruction:

A. Frame
B. Motion Type
C. Termination
D. Speed

Which of the following is a type of I/O signal?

A. UIP I/O
B. SIP I/O
C. Digital I/O
D. Configuration I/O