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FANUC

FANUC Basic Robot Operations

General Assessment Information

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Test Type: The FANUC Basic Robot Operations 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.

48.0501 Machine Tool
Technology/Machinist

Science, Technology,
Engineering, and Mathematics

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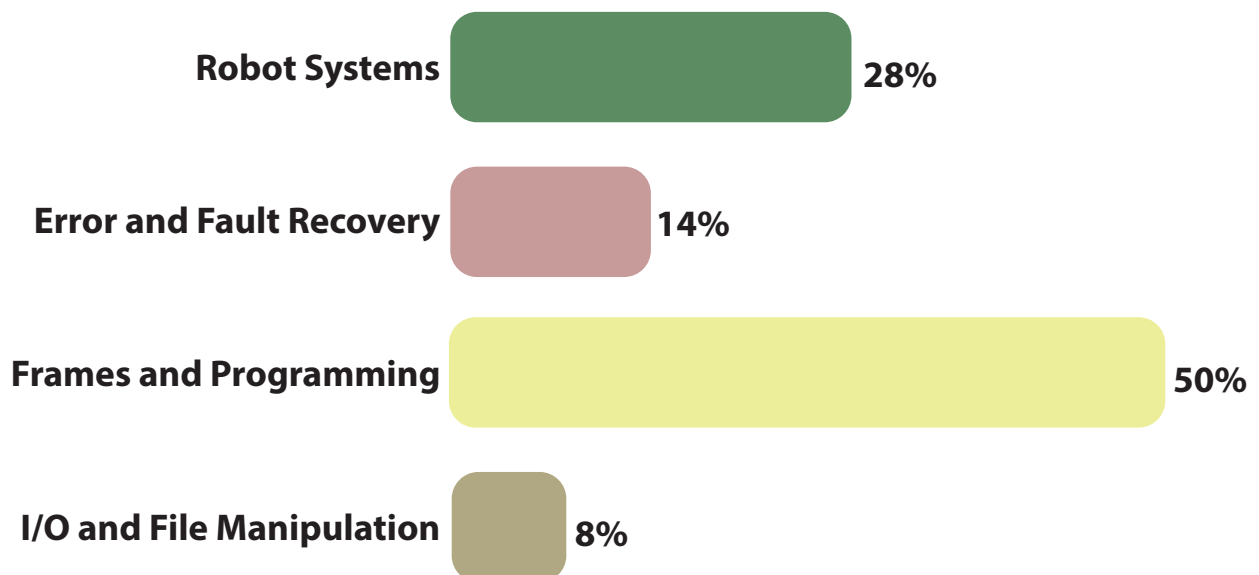Tool Operators, Metal and Plastic

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

Area	Percentage
Robot Systems	28%
Error and Fault Recovery	14%
Frames and Programming	50%
I/O and File Manipulation	8%

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