



National Occupational Framework: Robotics Technician

Robotics technicians build, install, maintain, and repair robotic equipment or automated production systems. They program and operate robotic systems and components, perform preventive maintenance, and troubleshoot and make repairs when equipment is malfunctioning. They also test the performance of robotics equipment to evaluate system efficiency and reliability.

Robotics Technician
National Occupational Framework
<https://urbn.is/3VKdJOb>



Apprenticeship: A Solution for Recruiting and Training Robotics Technicians

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. Robotics technicians test and operate robotics equipment and systems in factories and other industrial settings to support effective and efficient operation of production facilities. Apprenticeship programs can prepare these workers with both the technical and professional knowledge and skills needed to enter and succeed in this important occupation.



Apprenticeship Benefits:

90%
employment retention for apprentices

86%
of employers with programs recommend apprenticeship

\$1.44
return on investment for every dollar spent

WHAT'S INCLUDED IN A NATIONAL OCCUPATIONAL FRAMEWORK?

- background information to help you learn more about the occupation
- comprehensive list of the competencies apprentices need to do the job
- building blocks of information for employers developing a registered apprenticeship program

Questions? Visit the National Apprenticeship Resource Hub at apprenticeships.urban.org or contact the Urban Institute at apprenticeship@urban.org.



This project has been funded, either wholly or in part, with federal funds from the Department of Labor, Employment and Training Administration under Cooperative Grant Number AP-36653-21-75-A-11. The contents of this publication do not necessarily reflect the views or policies of the Department of Labor, nor does mention of trade names, commercial products, or organizations imply endorsement of the same by the US Government.