



## National Occupational Framework:

# Calibration Technologist & Technician

Calibration technologists and technicians ensure that testing and manufacturing instruments take accurate measurements. They use a variety of inspection, measurement, and testing techniques to install, calibrate, inspect, test, maintain, and repair instruments. They ensure that equipment produces accurate results to keep processes safe and reduce costs from errors.

Calibration Technologist & Technician  
National Occupational Framework  
<https://urban.is/44dXIVN>



## Apprenticeship: A Solution for Recruiting and Training Calibration Technologist & Technicians

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. Calibration technologists and technicians play a critical role in manufacturing, electrical, pharmaceutical, and other sectors by ensuring the accuracy of testing and manufacturing instruments. Apprenticeships can prepare these workers with the testing, calibration, and monitoring knowledge and skills they need to enter and succeed in this growing 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](https://apprenticeships.urban.org) or contact the Urban Institute at [apprenticeship@urban.org](mailto:apprenticeship@urban.org).



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