



National Occupational Framework: Systems Administrator

Systems administrators design, install, configure, and maintain network and computer systems. They evaluate existing systems, troubleshoot issues, deploy system upgrades and updates, manage access to networks, and implement security protocols to keep sensitive data secure. They ensure that information systems meet data needs and are reliable and secure.

Systems Administrator
National Occupational Framework
<https://urbn.is/4kCTrjW>



Apprenticeship: A Solution for Recruiting and Training Systems Administrators

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. Systems administrators play a critical role in maintaining organizations' information systems, in turn impacting productivity, communication, and other daily activities. Apprenticeships can equip workers with the computer network and system design, maintenance, and security 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.



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