



# National Occupational Framework: Computer Systems Analyst

Computer systems analysts review organizations' computer systems and procedures and design performance improvements. They assess business needs, review existing computer systems and hardware and software compatibility, identify inefficiencies, and design systems. They collaborate with business analysts and other IT professionals to optimize system infrastructure.

**Computer Systems Analyst**  
National Occupational Framework  
<https://urbn.is/42JWjDX>



## Apprenticeship: A Solution for Recruiting and Training Computer Systems Analysts

Apprenticeship programs combine learning on the job and in the classroom to train workers in the exact skills needed by employers. As organizations in various industries expand their use of technology, more computer systems analysts will be needed to design and install new computer systems. Apprenticeship programs can prepare these workers with the computer system design and maintenance knowledge and skills needed to succeed in this important and 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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