

## Information Technology Cluster



*Building linkages in IT occupations for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia and systems integration services.*

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# Database Administrators

*When you create a personal account on a website, you answer questions about yourself and come up with a password. But where does all that information go? How is it stored and then promptly retrieved each time you log in?*

If you are interested in a career in tracking and storing information, a career as a **database administrator** may be for you.

**Database administrators organize, track and store information for businesses and other organizations. They also design and coordinate database security systems.**

### **Are You Ready To...?**

- Learn database programming languages
- Interview users to learn more about their database needs
- Test databases
- Make sure data is secure
- Coordinate your efforts with a team of computer specialists and managers
- Update your knowledge of the best tools for organizing and storing data

### **It Helps To Be...**

Curious about new technology and adaptable. Employers look for people who can learn new systems quickly and start putting them to use right away.

### **A Day In The Life...**

- Confer with personnel to discuss security violations or programming
- Design data security systems
- Develop records management system
- Develop or maintain databases
- Develop tables depicting data

### **Salary and Opportunity in the Austin-area**

**Median Hourly Wage: \$43.89**

*That comes out to more than  
\$91,294 a year.*

**In 2016, we had 1,297  
Database Administrators.  
By 2025, we'll need 1,443.**

*Could you be one of the 146?*

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# Database Administrators

## After High School...

In addition to a high school diploma, many employers look for database administrators with a **bachelor's degree** and related work experience.



## Top 5 Industries for Software Developers

1. Computer Systems Design and Related Services
2. Professional and Commercial Equipment and Supplies Merchant Wholesalers
3. Insurance Carriers
4. Data Processing, Hosting and Related Services
5. Colleges, Universities and Professional Schools

For more Career Profiles, visit our website:

<http://www.wfscapitalarea.com/YouthServices/CareerPlanning.aspx>.

## Related College Majors

- Computer Programming
- Computer Science
- Database Management
- Information Science
- Information Technology
- Management Information Systems

## Related Industry Certifications

- Computer and Information Sciences
- Computer and Information Systems Security/Information Assurance
- Data Modeling/Warehousing and Database Administration

## Related Careers

- Computer Programmers
- Computer and Information Systems Managers
- Management Consultants
- Network Systems and Data Communications Analysts
- Network and Computer Systems Administrators
- Software Developers

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