

About the Database Management Program

This Associate Degree in Database Management is a two-year program leading to the Associate in Science (A.S.) degree. The Database Management Systems concentration includes coursework in the installation, configuration, and management of industry standard database management systems as physical and cloud based infrastructures. Programming skills in PL-SQL and T-SQL are included in the curriculum as well as topics relating to NOSQL and document based databases.

LBCC also offers a Database Specialist and SQL Specialist Certificates of Accomplishment which can be completed in as few as two courses.

See www.LBCC.edu/COS/programs.php for more information about the Database Management Associate degree.

Certifications

After successful completion of the coursework in the AS program, students are provided with the opportunity to take the following official certification exams:

- Microsoft Office Specialist (MOS) in Access
- Microsoft Technology Associate (MTA) in Database Concepts

Gain valuable skills in these database management systems.



Job Prospects

Employment Wage Information - LA County

| | Rate Type | Entry Level | Median | Experienced |
|---------------------------------|-----------------------|-------------|----------|-------------|
| 2017 Employment Wage Statistics | Annual wage or salary | \$67,903 | \$97,487 | \$124,636 |
| | Hourly wage | \$32.64 | \$46.86 | \$59.91 |

Earnings exclude benefits. Median earnings represent the wage at which half of the workers in the occupation earned more than that amount and half earned less.

Faculty

John Craig – Professor of Computer and Office Studies. Mr. Craig holds a Master of Science Degree in Management Science/Information Science from California State University - Fullerton. Mr. Craig brings a considerable amount of teaching experience in computer and network systems, virtualization, database application management and administration, and cloud technologies. jcraig@lbcc.edu



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LONG BEACH CITY COLLEGE

Database Management

ASSOCIATE DEGREE

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Skills Learned in the Database Management AS Program

- Microsoft Access and MSSQL DBMS
- MySQL and Oracle DBMS
- Cloud database technologies
- SQL programming
- Database concepts & design
- Systems design and configuration
- Cloud database infrastructure

Essential Qualities of a Data Analyst or Database Administrator

Analytical skills - DBAs must be able to monitor a database system's performance to determine when action is needed. They must be able to evaluate complex information that comes from a variety of sources.

Communication skills - Most database administrators work on teams and must be able to communicate effectively with developers, managers, and other workers.

Detail oriented - Working with databases requires an understanding of complex systems, in which a minor error can cause major problems.

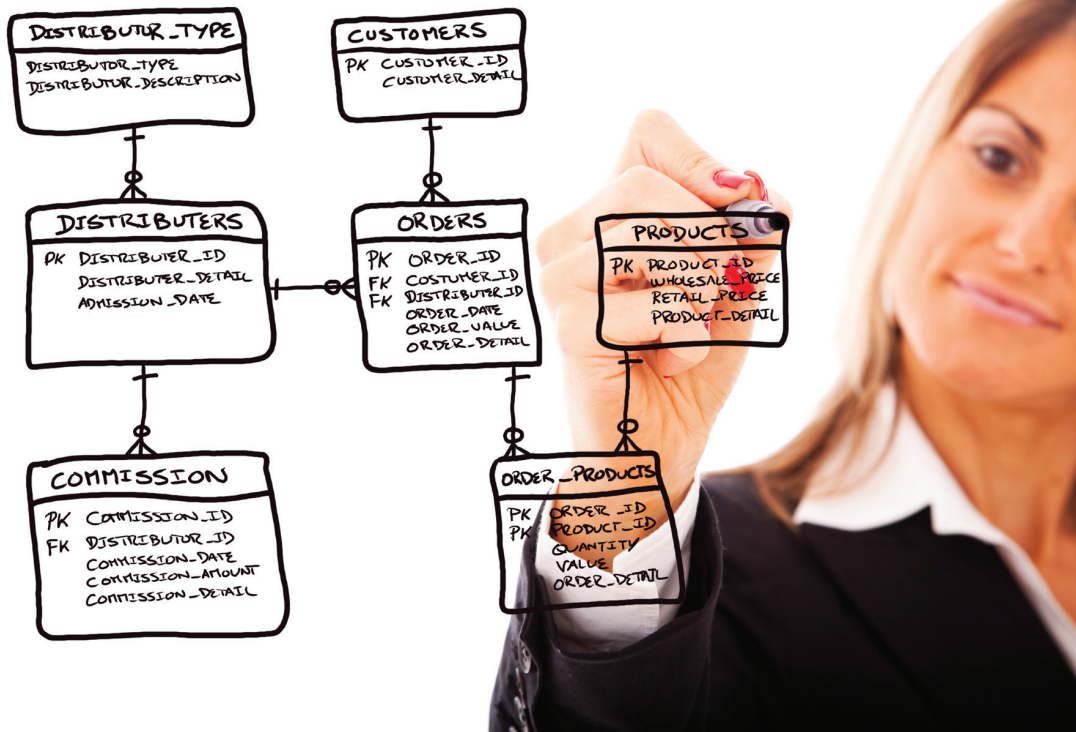
Logical thinking - Database administrators use software to make sense of information and to arrange and organize it into meaningful patterns. The information is then stored in the databases that these workers manage, test, and maintain.

Problem-solving skills - When problems with a database arise, administrators must be able to diagnose and correct the problems.

From: <http://www.bls.gov/ooh/computer-and-information-technology/database-administrators.htm>

Professional Training = QUALIFIED EMPLOYEES

Visit www.LBCC.edu/COS for more details about the Database Management program.



Get Hired

The top 10 industries employing this occupation for LA County include:

