



1750 N. Florida Mango Rd  
Suite 302  
West Palm Beach, Fl. 33409  
561.840.8080  
training@compotec.com  
[www.compotec.com](http://www.compotec.com)



Learning Solutions



CompTEC Proudly Serves  
Americas **Implementing  
a Microsoft SQL  
Server 2008 Database**  
Veterans

## PRO: Designing Database Solutions and Data Access Using Microsoft SQL Server 2008 Exam 70-451, Course #50401A

Hours: 40, Tuition: \$1600

### About this Course

Elements of this courseware are subject to change

This five-day instructor-led course provides the knowledge and skills that IT Professionals need to design, optimize, and maintain SQL Server 2008 database.

### Audience Profile

The audience of this course is developers who implement database solutions or perform development utilizing the programming features and functionality of SQL Server. Students taking this course are expected to have three or more years of experience working on databases for two or more of the following phases in the product lifecycle - design, development, deployment, optimization, maintenance, or support. They should possess a four-year college degree, BS or BA, in the computer field. The students should have experience in the following areas:

- Developing databases
- Writing Transact-SQL queries
- Designing, implementing and troubleshooting programming objects
- Doing database performance tuning and optimization
- Designing databases at both the conceptual and logical levels
- Implementing databases at the physical level
- Designing and troubleshooting the data access layer of an application
- Gathering business requirements

### At Course Completion

After completing this course, students will be able to:

- Design a database design strategy
- Design a database for optimal performance
- Design security for a database
- Design programming objects
- Design queries for performance
- Design a transaction and concurrency strategy
- Design an XML strategy

