

# Microsoft Certified Solutions Associate (MCSA): SQL Server 2012/2014 Certification



## What is MCSA: SQL Server, and why should I take this class?

We're glad you asked! The MCSA: SQL Server course is the foundation for all SQL Server-related disciplines; namely, Database Administration, Database Development and Business Intelligence. You should take this class if you're interested in database development, administration, and analysis.



## What will I learn?

Three classes prepare you for the three exams required to earn certification:

- **Database Applications**: Basic concepts and architecture; similarities and differences between Transact-SQL and other languages; write SELECT queries; program with T-SQL, and more.
- **Database Administration**: Core database administration and tools; install, configure, implement, and monitor SQL Server; trace activity and manage security; audit data access and encrypt data.
- **Data Warehousing and Mining**: Data warehouse concepts and architecture considerations; design and implement a data warehouse; implement Data and Control Flow in an SSIS Package; debug and troubleshoot SSIS packages; implement ETL solutions; data cleansing; deploy and configure SSIS packages.

## What are the prerequisites?

- **For Database Applications** - working knowledge of relational databases and basic knowledge of the Microsoft Windows operating system and its core functionality.
- **For Database Administration** - basic knowledge of the Microsoft Windows operating system and its core functionality; working knowledge of Transact-SQL; working knowledge of relational databases; and, some experience with database design.
- **For Data Warehousing and Mining** - at least 2 years' experience of working with relational databases, including: Designing a normalized database; creating tables and relationships; querying with Transact-SQL; and, some exposure to basic programming constructs (such as looping and branching). An awareness of key business priorities such as revenue, profitability, and financial accounting is desirable.

## Can I take this class online?

Yes, you can. The class is designed to be offered online and is available 24/7. The best feature is the instructor assigned to you – on day 1 – for the duration of your class. They are 100% confident that if you follow their direction, you will become MCSA SQL Server-certified. Instructors are available via text, phone, or email.

## How long will it take to finish?

Many students complete the class sooner, but we give you six months, per class, so you can work at a pace that fits into your current commitments.

## Who should take this class?

Anyone who believes databases are here to stay should take this class, and that's just about everyone.

## When does the class start?

This class starts most Mondays. Register early to get the start date that works for you.

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**For more information or to register, call ITCAP at**

**877-877-0122**

**or email us at [info@itcap.com](mailto:info@itcap.com)**