

CIW Database Design Specialist

"The robustness and rigor of CIW exams and content [fit with the] high level of quality within our IT degree program. And we didn't have to create our own courseware or exams."

-Gwendolyn Britton,
Senior Product Manager of Information Technology Programs
Western Governors University

CIW Database Design Specialist

This certification validates knowledge of database design principals and theory, and their application to the most popular database platforms. The associated course prepares you for a better understanding of DB2, Oracle Database 11g, Microsoft SQL and MySQL. The CIW Database Design Specialist course also discusses Structured Query Language (SQL) and optimization of databases through normalization. You will apply your knowledge with hands-on labs designed to teach the intricacies of database design methodology. Topics include:

- Introduction to databases
- Relational database fundamentals
- Database planning
- Overview of database design methodology
- Normalization
- Logical and physical database design
- Structured Query Language (SQL)
- Relational algebra
- Transactions and database security



Associated Jobs and Careers

CIW Database Design Specialist provides introductory vendor-neutral training and certification for individuals planning to pursue product-focused database specialization, leading to job roles and career paths such as:

- Database Developers
- Database Administrators
- Web Developers
- Enterprise Developers
- Application Developers
- Programmers

Typical Time to Teach

The Database Design Specialist course can be taught in a number of environments and therefore the time to teach it can vary. Some typical time frames:

Secondary	one semester
Higher Education	eight to twelve weeks
Training Providers	one week

Certification Exams

To earn the CIW Database Design Specialist certification, individuals must pass one exam:

CIW Database Design Specialist exam (1D0-541)
50 questions | 90 minutes

To earn the advanced CIW Web Development Professional certification, individuals must pass 2 additional exams:

CIW JavaScript Specialist exam (1D0-435)
50 questions | 75 minutes
CIW Perl Specialist exam (1D0-437)
50 questions | 75 minutes

CIW Program Overview

CIW (Certified Internet Web Professional) is the world's fastest growing vendor-neutral Internet skills training and certification program for professionals. More than a certification or a curriculum publisher, CIW is a Web technology standard adopted by academic institutions, governments and businesses worldwide. CIW includes applications and competencies, but our core curriculum focuses on the foundational standards that sustain the infrastructure of IT: Web design, e-commerce, security, networking and databases.