



## Course 350 – Object Relational Mapping Using Hibernate

Duration: 3 days

### You Will Learn How To

- Implement object persistence with Hibernate
- Map objects to databases using XML and annotations
- Optimize data access with Hibernate Query Language (HQL)
- Manage transactions in a Hibernate application
- Use Eclipse Hibernate Tools to expedite Hibernate development

### Course Benefits

Moving data back and forth from a database system and the object model of a Java application is harder than it seems to be. In this course, Java developers learn how to quickly build enterprise Java applications using the industry-standard Hibernate framework. Through intensive hands-on exercises, you learn how to bridge the gap between object-oriented domain models and relational database systems.

### Who Should Attend

Architects, programmers, engineers, managers and those involved in the development of complex enterprise-level Java applications. Knowledge of Java at the level of Course 321 - Java Programming, plus proficiency with SQL and relational databases, are assumed.

### Course Content

- Introducing Hibernate
- Object-Relational Mapping with XML
- Object-Relational Mapping with Annotations
- Persisting Objects with Hibernate
- Applying Hibernate Query Language (HQL)
- Transaction Management and Concurrency

### About ActiveLearning, Inc.

**ActiveLearning** is the Philippines' leading provider of Information Technology and Project Management education, where thousands of students take courses from Application Development to Project Management to Network Security, and much more. Our courses are taught by expert instructors, and learning is enhanced through a blend of in-depth lectures, workshops, and hands-on exercises.