

**DE318**

JAVA

# Managing Persistence Using Hibernate

 Laboratory course**DURATION**  
**2 DAYS****REGULAR FEE**  
**955 \$****PREFERENTIAL FEE**  
**860 \$**

## Objectives

To provide the knowledge and skills required to effectively use JPA as an object-relational mapping tool in Java development projects.

## Targeted audience

Those in development positions (other than supervisors) and Web specialists.

## Prerequisite

Experience with the [Java programming language](#) (Course DE204). Knowledge of SQL is desirable.

## Content

- The object-relational mapping problem
- The role of Hibernate in J2EE architecture
- Mapping entities
- Mapping inheritance
- Mapping simple associations
- Managing collections
- JPQL and Criteria queries
- Optimizing queries and object loading
- Managing transactions and concurrency
- Life cycle of objects
- Advanced Hibernate techniques
- Practical exercises: developing an e-commerce site

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<http://www.technologia.com/en/information-technology/java/managing-persistence-using-hibernate/>

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## Select the training date\*

Montreal	May 11 to May 12 2020
Montreal	September 8 to September 9 2020
Quebec City	September 8 to September 9 2020