

**DE333**

JAVA

# Using the Spring Framework

 Laboratory course**DURATION**  
**3 DAYS****REGULAR FEE**  
**1 435 \$****PREFERENTIAL FEE**  
**1 290 \$**

## Objectives

To provide the knowledge and skills required to make effective use of the Spring Framework for developing Java applications and integrating it with other technologies such as Hibernate, JPA, AOP and Spring Security.

## Targeted audience

Java developers.

## Prerequisite

Experience with the [Java programming language](#) (Course DE204).

## Content

- Introduction to the Spring Framework
- IoC (Inversion of Control): the significance of the pattern and its use in Spring
- Configuration via XML, annotations and Java
- Database management with Spring
- Integrating JDBC with Spring
- Integrating Hibernate and JPA (ORM)
- Testing a Spring application
- AOP (Aspect Oriented Programming) via Spring and AspectJ
- Transactions and logging
- Integrating log4j, JMS, Quartz, JUnit, JNDI
- Introduction to Spring MVC
- Introduction to Spring Security
- Introduction to Spring Boot
- Deployment strategies for Spring applications

440 René-Lévesque West Blvd, 5th Floor, Montreal (Quebec) H2Z 1V7

Phone: 514 380 0380 | toll free: 514 380 0380 (Mt) / 418 681 0865 (Qc) / 1 877 380 8228

<http://www.technologia.com/en/information-technology/java/using-the-spring-framework/>

Contact Us: [formation@technologia.ca](mailto:formation@technologia.ca)

© 2020 All rights reserved Groupe informatique Technologia inc.

## Select the training date\*

Montreal	April 6 to April 8 2020
Quebec City	April 27 to April 29 2020