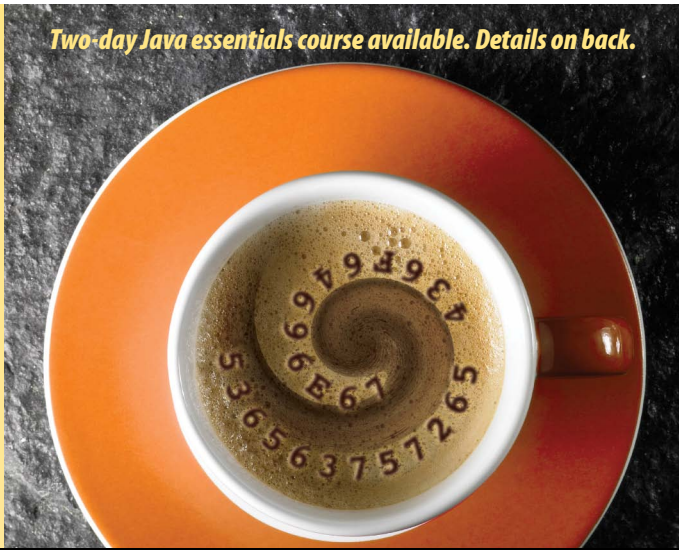


Two-day Java essentials course available. Details on back.



DEV541: Secure Coding in Java/JEE: Developing Defensible Applications

Course Length: Four Days • 24 CPE Credits
Laptop Required

DEV541: Secure Coding in Java/JEE: Developing Defensible Applications is a comprehensive course covering a huge set of skills and knowledge; it's not a high-level theory course. It's about real programming. In this course you will examine actual code, work with real tools, build applications, and gain confidence in the resources you need for the journey to improving security of Java applications.

Learn how to code securely in Java to prevent application layer attacks – most courses simply talk about the threats – we'll teach you to avoid them

Rather than learning how to use a set of tools, you'll learn concepts of secure programming by looking at a specific piece of code, identifying a security flaw, and implementing a fix for the flaw.

For more information visit: www.sans.org/security-training/secure-coding-in-java-jee-developing-defensible-applications-912-mid

What You Will Learn

- How to ensure input from interfaces are properly processed and validated.
- An understanding of authentication and session management while mastering authentication principals
- Active enforcement of access control to guarantee the confidentiality of user data
- Security Implications of built-in data types and java-specific memory management
- How to properly handle application faults
- Structuring of multi-threaded programs securely
- How to make connections with other applications securely
- Ways to use JAR Sealing and J2EE Filters effectively

Who Should Attend

- Developers who want to build more secure applications
- Java EE programmers
- Software engineers
- Software architects
- Application security auditors
- Technical project managers
- Senior software QA specialists
- Penetration testers who want a deeper understanding of target applications or who want to provide more detailed vulnerability remediation options

Prerequisites

Students should have at least one year's experience working with the JEE framework and should have thorough knowledge of Java language and Web technology.

Looking for a great software development resource?

SANS Software Security Institute Web site (www.sans-ssi.org) is a community-focused site offering AppSec professionals a one-stop resource to learn, discuss, and share current developments in the field. It also provides information regarding SANS AppSec training, GIAC certification, and upcoming events. New content is added regularly, so please visit often. And don't forget to share this information with your fellow application security, developer, and IT security professionals.

DEVELOPER CURRICULUM

DEV320
Introduction to the
Microsoft Security
Development Lifecycle



DEV422
Defending Web
Applications Security
Essentials



DEV530
Essential Secure
Coding in
Java/JEE

DEV536
Secure
Coding for PCI
Compliance

DEV541
Secure Coding
in Java/JEE:
Developing
Defensible Apps
GSSP-JAVA

DEV544
Secure Coding
in .NET
Developing
Defensible Apps
GSSP-NET

DEV542
Web App
Penetration
Testing and
Ethical Hacking
GWAPT

DEV545
Secure Coding
in PHP
Developing
Defensible Apps

DEV534
Secure Code
Review for
Java Web Apps



www.sans.org

For more information, visit www.sans-ssi.org

When registering, use this promo code **DEV541**

DEV530: Essential Secure Coding in Java/JEE

Course Length: Two Days • 12 CPE Credits
Laptop Required

DEV530: Essential Secure Coding in JAVA/JEE This course covers the essential Java/JEE topics. These are skills and information that are critical to all Java Web application developers interested in building security into their applications. It's not a high-level theory course. It's about real programming. In this course, you will examine actual code, work with real tools, build applications, and gain confidence in the resources you need for the journey to improving the security of your Java applications. This two-day course distills the most critical information from the longer DEV541 – four-day course. It was developed to help time-strapped developer teams get the essential training in a short amount of time on site at their own facility.

Rather than teaching students to use a set of tools, we're teaching students concepts of secure programming. This involves looking at a specific piece of code, identifying a security flaw, and implementing a fix for that flaw. The course is full of hands on exercises where you can apply practical techniques that you can use to prevent common attacks.

Who Should Attend

- Developers who want to build more secure applications
- Java EE programmers
- Software engineers
- Software architects
- Application security auditors
- Technical project managers
- Senior software QA specialists
- Penetration testers who want a deeper understanding of target applications or who want to provide more detailed vulnerability remediation options

Prerequisites

Students should have at least one year's experience working with the JEE framework and should have thorough knowledge of Java language and Web technology.

Looking for a great software development resource?

SANS Software Security Institute Web site (www.sans-ssi.org) is a community-focused site offering AppSec professionals a one-stop resource to learn, discuss, and share current developments in the field. It also provides information regarding SANS AppSec training, GIAC certification, and upcoming events. New content is added regularly, so please visit often. And don't forget to share this information with your fellow application security, developer, and IT security professionals.



GIAC Secure Software Programmer - JAVA (GSSP-JAVA)

The GIAC Secure Software Programmers certification allows candidates to demonstrate mastery of the security knowledge and skills needed to deal with common programming errors that lead to most security problems.

GIAC Certified secure software programmers (GSSP) have the knowledge, skills, and abilities to write secure code and recognize security shortcomings in existing code.

Four Reasons to Get GIAC Certified:

- GIAC certification identifies those system and network administrators, security professionals, and software developers who know the tasks required to protect systems, networks, and code and who have the skills necessary to perform those tasks.
- 81% of hiring managers consider certifications a factor in their hiring decisions.
- 41% of InfoSec professionals say their organizations use certifications as a factor when determining salary increases.
- There is a strong demand for qualified information security professionals and GIAC certification proves you have the skills for the job.

Learn more about GIAC at
www.giac.org.



www.sans.org

For more information, visit www.sans-ssi.org

When registering, use this promo code **DEV530**