Application Security Foundations Level 3

The final course in this program will teach you all the policies, standards and guidelines you will need to support your AppSec program. We will also learn about more advanced AppSec activities, as well as incident response (and prevention). At the end we will update your AppSec Program goals so that you have complete action plan to secure ALL of your organization's software!

Introduction
- Your Trainer: Tanya Janca
- Prerequisites
- Back to Your Goals
- Assignment – Goals

Policy
- What are Policies?
- Policies We Need
- Policies We Want to Influence
- Policies We Create
- Application Security Program Policy
- Application Testing Policy
- Secure Code Policy
- Security Tool Usage Policy
- Assignment – Policy

Standards and Guidelines
- What Are Standards and Guidelines?
- Standards We Create
- Secure Coding
- Secure Design
- Project Security Requirements
- Assignment – Standards and Guidelines

Incident Response
- What is Incident Response?
- Incident Response Process
- Inventory
- Patch Management
- Scanning
- 3rd Party Components & Codes
- IR and Forensic Training

- Thread Feeds
- Virtual Patching
- Backups and Rollbacks
- Tooling
- Access
- Logs
- Training for Other Teams
- Incident Simulations
- During an Incident – Process
- Post Mortem
- Assignment – Incident Preparation
- Incident Report
- Postmortem Report

Advanced Activities
- Red Teaming
- Building Your Own Tools
- Cloud
- Automate Everything
- Self Service
- Bug Class Elimination

Final Project
- SMART Goals
- Case Study
- Final Project

Conclusion
- Summary
- Thank You!