



COURSE OUTLINE

Application Security Foundations Level 2

This second course build upon level 1 with how to scale your team, train your developers, and create a culture at your organization where security is part of everyone's job. Then we will learn how to measure and improve our AppSec program, plus do a couple of case studies. Then we use this information to add to your AppSec program goals and work plan as the final project.

Introduction

- Your Trainer: Tanya Janca
- Prerequisites
- What is AppSec? What is an AppSec Program
- What is Scaling? And Why Do We Need to Do It?
- Why Do We Need to Educate Devs?
- What Do We Mean By 'Advocacy'?
- What Are Metrics? Why Do We Need Them?
- Summary from previous course

Your Goals from AppSec Foundations Level 1

- Don't Forget Your Goals
- Case Study – Goals
- Assignment – Goals

Scaling Your Team and Your Program

- Why Do We Scale?
- Security Champions
- Coaching
- 'The Partnership Model'
- Delegation
- Automation
- Assignment – Scaling

Developer Education

- Why Educate Developers?
- Methods of Education
- When and Where Will They Learn?
- Who Do You Teach? How to Choose
- Topic Selection

- Assignment – Education

Advocacy

- What is Advocacy?
- Principals for Success
- Tips for Teaching Adults
- Tips for Technical Presentations
- Assignment – Advocacy

Metrics

- Metrics and Improvement
- Metrics VS Reporting
- Measurement
- Calculating In-House Risk Scores
- Metrics That Matter
- Security Incident Metrics That Matter
- Case Study #1
- Tools for Measurement
- Assignment – Metrics

Improvement

- Using Metrics for Improvement
- Reaching Goals
- Case Study #2
- Assignment – Improvement

Updating Your Goals and Plan

- Reevaluating Your Program Goals
- Assignment – Update Your Program Goals

Conclusion

- Summary
- Thank You!