

<h2 style="text-align: center;">Security Testing Techniques</h2>		<h3 style="text-align: center;">Topical Outline</h3>
<ul style="list-style-type: none"> • Understand where security testing fits in the SDLC • Understand how different technologies drive different approaches to testing • Understand the basic steps in planning and conducting a security test • Be familiar with basic security testing techniques • Identify differences between client, server and network security testing • Identify some common testing tools 		<p>Introduction</p> <ul style="list-style-type: none"> ➤ What is security testing? ➤ Types of attacks <p>Test Process</p> <ul style="list-style-type: none"> ➤ Gathering information ➤ Researching vulnerabilities ➤ Performing the tests <p>Security Testing Techniques</p> <ul style="list-style-type: none"> ➤ Network scanning ➤ Vulnerability Scanning ➤ Password Cracking ➤ Integrity Checkers ➤ Virus Detection ➤ War Dialing ➤ Penetration Testing <p>Client vs. Server Testing</p> <ul style="list-style-type: none"> ➤ Workstation penetration testing ➤ LAN and WAN based penetration testing <p>Internet based application vulnerabilities</p> <ul style="list-style-type: none"> ➤ Email servers ➤ Instant messaging ➤ Web servers ➤ Web applications
<p>Description</p> <p>In an effort to deliver the most functionality in the shortest amount of time, businesses can be tempted to deliver complex applications with limited or no security testing. The nature of today's ever changing technologies means that there will always be vulnerability for hackers to exploit. This one-day course provides an overview of security testing techniques to provide a basis for your security test plan.</p>	<p>Audience, Prerequisites</p> <p>The course is intended for testers, analysts, engineers, technical and functional managers who need to develop a general knowledge of ethical hacking and security testing to support their testing efforts.</p> <p>Course length: 1 day</p> <p>Course format: lecture plus individual and group exercises and discussions.</p>	