

Reading Materials:

1. Mark S. Merkow and Lakshmikanth Raghavan. 2010. *Secure and Resilient Software Development*(1st ed.). Auerbach Publications, Boston, MA, USA. (Text book)
2. AVOIDING THE TOP 10 SOFTWARE SECURITY DESIGN FLAWS, IEEE Computer Society, Available: <https://www.computer.org/cms/CYBSI/docs/Top-10-Flaws.pdf>
3. OWASP Top 10, available at: https://www.owasp.org/index.php/Category:OWASP_Top_Ten_Project
4. Microsoft Security Intelligence Report: Available at: <https://www.microsoft.com/security/sir/default.aspx>
5. J. Viega et al., [*Statically Scanning Java Code: Finding Security Vulnerabilities*](#), IEEE Software, 2000; and [*Twelve rules for developing more secure Java code*](#).
6. Read [Principles for Software Security](#)
7. OWASP Application Security Verification Standard Project: https://www.owasp.org/index.php/Category:OWASP_Application_Security_Verification_Standard_Project
8. Software Assurance: Enabling Security and Resilience throughout the Software Lifecycle : http://csrc.nist.gov/groups/SMA/forum/documents/october-2012_fcsm-jjarzombek.pdf