Digital Security Awareness, Part 1 of 4: Threats

Meet the expert: As a certified Microsoft Instructor, Ken has focused his career on various security aspects of computer and network technology since the early 1980s. He has offered a wide variety of IT training and high level consulting projects for Fortune 500 companies globally. Through the course of his extensive career, he has taught a full line of Microsoft, CompTIA, Cisco, and other high level IT Security curricula.

Dr. Michael Biocchi completed his PhD and has received his Masters of Science as well as his Bachelor of Computer Science. Michael is a Certified Information Systems Security Professional (CISSP). He is currently a full-time professor teaching a variety of computer science courses. These courses include: Artificial Intelligence, Security and Privacy, Project Management, PHP/MySQL, Distributed Systems, as well as many others. Michael also runs a small consulting business. He works with businesses in developing risk assessment, policy creation, business continuity planning, disaster recovery planning, and security awareness.

Prerequisites: There are no prerequisites.

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Course description: Digital Security is an ever growing and more complex topic as time goes on. This course will start you off with to what are threats, what is social engineering and how to understand and define risk.

Course outline:

Threats
• Introduction
• Overview
• Security Domains
• What Is Security?
• Are You at Risk?
• So What About You?
• Course Goals
• What Will We Cover?
• Social Engineering
• Summary

• Ignore
• Accept
• Single Point of Failure
• Reducing Risk
• What Else Can Be Done?
• Summary

Social Engineering
• Introduction
• What Is Social Engineering?
• Social Engineering Defense
• Manipulation
• Why Social Engineering Works
• Personal Precautions
• Summary

Risk
• Introduction
• What Is Risk?
• What Are Threats?
• Why Worry?
• Risk Options
• Eliminate
• Mitigate
• Share