

## SEMINAR – COURSE DESCRIPTIONS

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### **COURSE TITLE: 2830 Designing Security for Microsoft Networks**

#### **COURSE DESCRIPTION:**

This three-day instructor led course provides you with the knowledge and skills to design a secure network infrastructure. Topics include assembling the design team, modeling threats, and analyzing security risks in order to meet business requirements for securing computers in a networked environment. The course encourages decision-making skills through an interactive tool that simulates real-life scenarios that the target audience may encounter. You are given the task of collecting the information and sorting through the details to resolve the given security requirement.

**COURSE LENGTH:** 3 Classes, 5 clock Hours a Class

**Total Clock Hours 15**

#### **PREREQUISITES:**

This course requires that students have successfully completed:

**Course 2276:** Implementing a Microsoft Windows Server 2003 Network Infrastructure: Network Hosts  
**Course 2277:** Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

#### **OBJECTIVE OF SEMINAR (Main Skills to be Learned):**

Introduction to Designing Security (Module 1); Creating a Plan for Network Security (Module 2); Identifying Threats to network Security (Module 3); Analyzing Security Risks (Module 4); Creating a Security Design for Physical Resources (Module 5); Creating a Security Design for computers (Module 6); Creating a Security Design for Accounts (Module 7); Creating a Security Design for Authentication (Module 8); Creating a Security Design for Data (Module 9); Creating a Security Design for Data Transmissions (Module 10); Creating a Security Design for Network Perimeters (Module 11); Designing Security Responses to Security Incidents (Module 12); Designing an Acceptable Use Policy (Module 13); Designing Policies for Managed Networks (Module 14); Designing an Operations Framework to Manage Security (Module 15).

#### **TIME ALLOTTED FOR EACH MAIN TOPIC:**

**Class 1:** 5 Hours-Modules 1-4

**Class 2:** 5 Hours-Modules 5-8

**Class 3:** 5 Hours-Modules 9-12