Securing Cisco Wireless Enterprise Networks (CS-WISECURE-5DAYS)

Modality: Virtual Classroom

Duration: 5 Days

CLC: 38 Units

About this course:

This course touches upon one of the essential topics in the field of IT. This is a Five-day course which teaches the students about the components and building of security procedure for Wi-Fi networks. Students will be taught to incorporate this security procedure in the network using Cisco wireless components. The WISECURE program provides the students with the opportunity to use hands-on lab in order to learn the concepts in the most fruitful and efficient manner. They will also be able to practically apply the learning by performing the tasks themselves. The course will teach the different concepts including, deploying Cisco AireOS 8.0, Prime Infrastructure release 2.2, and Identity Services Engine release 1.3 components.

On average, a Cisco Systems Network Engineer earns $100,025 per annum.

Learning Objectives:

The course has the following learning objectives:

- Describing the security and protection procedure for a Wi-Fi network design
- Describing the designing and installing procedure of end point and client security
- Describing the designing and installing procedure of ISE in a Wi-Fi network
- Explaining the procedure for protecting the Wi-Fi infrastructure
- Devising and installing the access controls for Wi-Fi networks
- Explaining the regulating and overseeing capacities in a Wi-Fi environment

Audience:

This course is designed and is useful for channel partners and resellers, employees and customers as well.

Requirements:

There are no strict requirements for this program but it is highly recommended that the students have some prior basic knowledge of Cisco Prime Infrastructure, Cisco ISE, Metageek Channelizer software program, voice signaling protocols, fundamental QoS, Cisco Application Visibility Control, and LAN switching method. This will be helpful for them in the future learning of this course.

Course Outline:

- **Module 1: Define Security Approaches in a Wi-Fi Design**

- **Module 2: Design and Deploy Endpoint and Client Security**
- **Module 3: Design and Deploy Cisco ISE and Management Platforms**
- **Module 4: Secure Wi-Fi Infrastructure**
- **Module 5: Design and Deploy Wi-Fi Access Control**
- **Module 6: Design and Deploy Monitoring Capabilities**