Secure Network Design – C700

Course Feedback

Overview

Secure Network Design covers topics for designing and protecting computer networks. Course topics emphasize secure physical and logical network architecture design for both wired and wireless networks. Secure Network Design provides students the opportunity to recognize secure network characteristics, apply techniques to securely configure network devices, propose network segmentation strategies, perform root cause analysis, and recommend mitigation approaches based on industry best practices. There are no prerequisites for this course.

Competencies

▲ Readiness
  This competency exists to assess the readiness of students.

▲ Network Characteristics
  The graduate determines network characteristics based on functionality defined in the Open Systems Interconnection (OSI) reference model and the TCP/IP protocol stack for designing and building highly secure computer networks.

▲ Network Device Security
  The graduate securely configures network devices to maximize the security of a computer network.

▲ Network Segmentation
  The graduate recommends network segmentation strategies to isolate network segments based on business requirements and security concerns.

▲ Troubleshooting Network Problems
  The graduate performs root cause analysis to determine sources of network-related problems and propose solutions.

▲ Secure Network Architecture
  The graduate designs secure network architectures based on industry best practices and the principles of secure network design.
Welcome to Secure Network Design! In this uCertify course you will encounter videos, labs, flash cards, and interactive knowledge checks. Complete each lesson and deepen your grasp of the main concepts using the tools provided. Competency will be demonstrated by the successful completion of an objective and a performance assessment. The pacing guide, included in the Welcome section of the course, provides a suggested weekly plan for working through the materials in a timely manner.

Assessments

- **Diagnostic: Secure Network Design**
  - Status: Not Attempted
  - Time Allotted: 150 minutes
  - # of Items: 14
  - Code: XAQA

- **Pre-Assessment: Secure Network Design (ABO2)**
  - Status: Not Attempted
  - Time Allotted: 150 minutes
  - # of Items: 70
  - Code: PAQA
Objective Assessment: Secure Network Design

STATUS: Not Attempted

TIME ALLOCATED: 150 minutes

# OF ITEMS: 70

CODE: ABO2

Performance Assessment: Secure Network Design - CJM1

Task 1 Not Submitted

A score of Competent or Exemplary is required to pass all assessments. Passing a preassessment does not guarantee you will pass the high stakes assessment.

On objective assessments, you will be charged a retake fee for the third attempt and every attempt thereafter. For more information click here.

Course Instructor

Course Instructor Group
cmsecurity@wgu.edu

Schedule an Appointment with any Course Instructor