Domain 4: Communication and Network Security

4.1 Implement secure design principles in network architectures
   » Open System Interconnection (OSI) and Transmission Control Protocol/Internet Protocol (TCP/IP) models
   » Internet Protocol (IP) networking
   » Implications of multilayer protocols
   » Converged protocols
   » Software-defined networks
   » Wireless networks

4.2 Secure network components
   » Operation of hardware
   » Transmission media
   » Network Access Control (NAC) devices
   » Endpoint security
   » Content-distribution networks

4.3 Implement secure communication channels according to design
   » Voice
   » Multimedia collaboration
   » Remote access
   » Data communications
   » Virtualized networks